Summary of
Pesticide Use Report Data
2009
Indexed by Chemical

California Department of Pesticide Regulation
P.O. Box 4015
Sacramento, CA 95812-4015

California Environmental Protection Agency
Department of Pesticide Regulation

Arnold Schwarzenegger, Governor

Linda S. Adams, Secretary
California Environmental Protection Agency

Mary-Ann Warmerdam, Director
Department of Pesticide Regulation

December 2010

Any portion of this report may be reproduced for any but profit-making purposes.
For information on obtaining electronic data files, see Page iii.
This report is also available on DPR's Web site <www.cdpr.ca.gov>.
If you have questions concerning this report, call 916-445-3887.

Contents

How to Access the Summary of Pesticide Use Report Data **ii**

1 Introduction **1**
Development and Implementation of the Pesticide Use Reporting System 1
Types of Pesticide Applications Reported 1
How Pesticide Data Are Used 2
Risk Assessment 3
Worker Health and Safety 3
Public Health 3
Endangered Species 4
Water Quality 4
Air Quality 4
Pest Management 5
Processor and Retailer Requirements 5

2 Comments and Clarifications of Data **6**
Terminology 6
Commodity Codes 6
Unregistered Use 7
Adjuvants 7
Zero Pounds Applied 8
Acres Treated 8
Number of Applications 8
Errors 9

3 Data Summary **9**
Pesticide Use in California 9
Pesticide Sales in California 13

4 Trends in Use in Certain Pesticide Categories **14**

5 Trends In Pesticide Use In Certain Commodities **64**

6 Summary of Pesticide Use Report Data 2009 Indexed by Chemical **108**

How to Access the Summary of Pesticide Use Report Data

The *Summary of Pesticide Use Report Data* indexed by chemical or commodity reports for years 1989-2009 can be found on DPR's Web site at <www.cdpr.ca.gov>. The *Summary of Pesticide Use Report Data* is available in two formats. One report is indexed by chemical and lists the amount of each pesticide used, the commodity on which it was used, the number of agricultural applications, and the acres/units treated. The second report is indexed by commodity and lists the chemicals used, the number of agricultural applications, amount of pesticides used, and the acres/units treated.

The *Annual Pesticide Use Report Data* (the complete database of reported pesticide applications for 1990-2009) are available on CD. The files are in text (comma-delimited) format.

The complete Pesticide Use Report database (Zip files by year, 1974 to current year) may be downloaded from DPR's FTP site at <ftp://pestreg.cdpr.ca.gov/pub/outgoing/pur_archives/>.

Questions regarding the *Summary of Pesticide Use Report Data* should be directed to the Department of Pesticide Regulation, Pest Management and Licensing Branch, P.O. Box 4015, Sacramento, California 95812-4015, telephone (916) 445-3887, or you may request copies of the data by contacting <mvotaw@cdpr.ca.gov>.

1 Introduction

Development and Implementation of the Pesticide Use Reporting System

The *2009 Summary of Pesticide Use Report Data* includes agricultural applications and other selected uses reported in California. The report represents a summary of the data gathered under full use reporting. The Department of Pesticide Regulation (DPR) uses the data to help estimate dietary risk and to ensure compliance with clean air laws, as well as ground water protection regulations. Site-specific use report data, combined with geographic data on endangered species habitats, also help county agricultural commissioners resolve potential pesticide use conflicts. Detailed pesticide use report (PUR) data may be obtained from DPR for in-depth, analytical purposes.

Under full use reporting, which began in 1990, California became the first state to require reporting of all agricultural pesticide use, including amounts applied and types of crops or places (e.g., structures, roadsides) treated. Commercial applications—including structural fumigation, pest control, and turf applications—must also be reported. Pesticide use reporting is explained in more detail below.

Types of Pesticide Applications Reported

Partial reporting of agricultural pesticide use has been in place in California since at least the 1950s. Beginning in 1970, anyone who used restricted materials was required to file a pesticide use report with the county agricultural commissioner. The criteria established to designate a pesticide as a restricted material include potential hazard to:

- Public health.
- Farmworkers.
- Domestic animals.
- Honeybees.
- The environment.
- Wildlife.
- Other crops.

With certain exceptions, restricted materials may be possessed or used only by, or under the supervision of, licensed or certified persons, and only in accordance with an annual permit issued by a county agricultural commissioner.

In addition, the State required commercial pest control operators[1] to report all pesticides used, whether restricted or nonrestricted. These reports included information about the pesticide applied, when and where the application was made, and the crop involved if the application was in agriculture. The reports were entered into a computerized database and summarized by chemical and crop in annual reports.

With implementation of full use reporting in 1990, the following pesticide uses are required to be reported to the commissioner who, in turn, reports the data to DPR:

- For the production of any agricultural commodity, except livestock.
- For the treatment of postharvest agricultural commodities.
- For landscape maintenance in parks, golf courses, and cemeteries.
- For roadside and railroad rights-of-way.
- For poultry and fish production.
- Any application of a restricted material.
- Any application of a pesticide with the potential to pollute ground water [listed in section 6800(b) of the Title 3 California Code of Regulations, Division 6, Chapter 4, Subchapter 1, Article 1] when used outdoors in industrial and institutional settings.
- Any application by a licensed pest control operator.

The primary exceptions to the use reporting requirements are home and garden use and most industrial and institutional uses.

How Pesticide Data Are Used

DPR undertook the expansion of use reporting primarily in response to concerns of many individuals and groups, including government officials, scientists, farmers, legislators, and public interest groups.

[1]Pest control operators include those in the business of applying pesticides, such as agricultural applicators, structural fumigators, and professional gardeners.

The following are examples of how pesticide use reporting data are used in risk assessment; the protection of workers, public health, endangered species, and water and air quality; pest management assessments; and processor and retailer requirements.

Risk Assessment

Without information on actual pesticide use, regulatory agencies conducting risk assessment assume all planted crop acreage is treated with many pesticides, even though most crops are treated with just a few chemicals. If the assumptions used by regulatory agencies are incorrect, regulators could make judgments on pesticide risks that are too cautious by several orders of magnitude, reducing the credibility of risk management decisions. The use report data, on the other hand, provides actual use data so DPR can better assess risk and make more realistic risk management decisions.

After the passage of the federal Food Quality Protection Act (FQPA) in 1996, complete pesticide use data became even more important to commodity groups in California and to the U.S. Environmental Protection Agency (U.S. EPA). FQPA contained a new food safety standard against which all pesticide tolerances must be measured. The increased interest in the state's pesticide use data, especially for calculating percent crop treated, came at a time when DPR was increasing the efficiency with which it produced its annual report. DPR was able to provide up-to-date use data and summaries to commodity groups, University of California specialists, U.S. EPA programs, and other interested parties as they developed the necessary information for the reassessment of existing tolerances.

Worker Health and Safety

Under the pesticide regulations [section 6619 of the Title 3 California Code of Regulations, Division 6, Chapter 3, Subchapter 2, Article 1], pest control operators must give farmers a written notice after every pesticide application that includes the pesticide applied, the location of the application, the date and time the application was completed, and the reentry and preharvest intervals.[2] This notice gives the farmer accurate information to help keep workers from entering fields prematurely, and also lets the farmer know the earliest date a commodity can be harvested.

DPR's Worker Health and Safety Branch also uses the data for worker exposure assessment as part of developing an overall risk characterization document. Use data helps scientists estimate typical applications and how often pesticides are used.

Public Health

The expanded reporting system provides DPR, the State Department of Public Health, and the Office of Environmental Health Hazard Assessment with more complete pesticide use data for

[2] A reentry interval is the time from which a pesticide applicatin is made and when workers may enter a field. A preharvest interval is the time between an application and when a commodity can be harvested.

evaluating possible human illness clusters in epidemiological studies.

Endangered Species

DPR works with the county agricultural commissioners to combine site-specific use report data with geographic information system-based data on locations of endangered species. The resulting database helps commissioners resolve potential conflicts over pesticide use where endangered species may occur. DPR and the commissioners can also examine patterns of pesticide use near habitats to determine the potential impact of proposed use limitations. With location-specific data on pesticide use, restrictions on use can be better designed to protect endangered species while still allowing necessary pest control.

Water Quality

Since 1983, DPR has had a program to work with the rice growing industry and the Central Valley Regional Water Quality Control Board to reduce contamination of surface water by rice pesticides. Using PUR data to help in pinpointing specific agricultural practices, more precise alternative use recommendations can be made to assure protection of surface water.

The Pesticide Contamination Prevention Act requires site-specific records to help track pesticide use in areas known to be susceptible to ground water contamination. Determinations can also be made from the records on whether a contaminated well is physically associated with agricultural practices. These records also provide data to help researchers determine why certain soil types are more prone to ground water contamination.

DPR placed certain pesticide products containing pyrethroids into reevaluation on August 31, 2006. The reevaluation is based on recent studies revealing the widespread presence of synthetic pyrethroid residues in the sediment of California waterways at levels toxic to an aquatic crustacean. Use report data are used to refine water quality monitoring strategies and to help focus mitigation efforts, such as those proposed in DPR's surface water regulatory concepts, on specific active ingredients or commodities or in particular watersheds.

Air Quality

Many pesticide products contain volatile organic compounds (VOCs) that contribute to the formation of smog. DPR worked with the state Air Resources Board to put together a State Implementation Plan under the federal Clean Air Act to reduce emissions of all sources of VOCs, including pesticides, in nonattainment areas of the state. DPR's contribution to the plan included accurate data on the amount of VOCs contained in pesticides and the ability to inventory the use of those pesticides through pesticide use reporting.

Beginning in January 2008, regulations went into effect to reduce emissions of VOCs from fumigant pesticides. To help DPR keep track of these smog-producing emissions, PURs are used to monitor fumigant use and methods of fumigant application. This information is then used to compare with targeted emission reduction goals designed to improve air quality.

Pest Management

The Department uses the PUR database to understand patterns and changes in pest management practices. This information can be used to determine possible alternatives to pesticides that are subject to regulatory actions and to help determine possible impacts of different regulatory actions on pest management.

The PUR is used to help meet the needs of FQPA, which requires pesticide use information for determining the appropriateness of pesticide residue tolerances. As part of this process many commodity groups have created crop profiles, which include information on the pest management practices and available options, both chemical and nonchemical. Pesticide use data is critical to developing these lists of practices and options.

The PUR data have been used to support and assess grant projects for the Alliance grant program conducted by DPR to develop, demonstrate, and implement reduced-risk pest management strategies from 1995 to 2003. The PUR data have been used in several other projects that build on work conducted in the almond and stonefruit industries. In these and other projects, the PUR data are used to address regional pesticide use patterns and environmental problems such as water and air quality. The data are also used to better understand current changes in pesticide use.

DPR has published general analyses of statewide pesticide use patterns and trends. The first analysis covered the years 1991 to 1995, and the second more detailed analysis covered 1991 to 1996. These analyses identified high-use pesticides, the crops to which those pesticides were applied, trends in use, and the pesticides most responsible for changes in use. In addition, since 1997, the annual Summary of Pesticide Use Report Data include summary trends of pesticides in several different categories such as carcinogens, reproductive toxins, and ground water contaminants.

Processor and Retailer Requirements

Food processors, produce packers, and retailers often require farmers to submit a complete history of pesticide use on crops. DPR's use report form often satisfies this requirement.

2 Comments and Clarifications of Data

The following comments and points should be taken into consideration when analyzing data contained in this report.

Terminology

Number of agricultural applications - Number of applications of pesticide products made to production agriculture. More detailed information is given below under "Number of Applications."

Pounds applied - Number of pounds of an active ingredient.

Unit type - The amount listed in this column is one of the following:

A = Acreage
C = Cubic feet (of commodity treated)
K = Thousand cubic feet (of commodity treated)
P = Pounds (of commodity treated)
S = Square feet
T = Tons (of commodity treated)
U = Miscellaneous units (e.g., number of tractors, trees, tree holes, bins, etc.)

Commodity Codes

DPR's pesticide product label database is used to cross-check data entries to determine if the product reported is registered for use on the reported commodity. The DPR label database uses a crop coding system based on crop names used by the U.S. EPA to prepare official label language. However, this system caused some problems until DPR modified it in the early 1990s to account for U.S. EPA's grouping of certain crops under generic names. Problems occurred when the label language in the database called a crop by one name, and the use report used another. For example, a grower may have reported a pesticide use on "almonds," but the actual label on the pesticide product—coded into the database—stated the pesticide was to be used on "nuts." DPR modified the database to eliminate records being rejected as "errors" because the specific commodity listed on the use report is not on the label. A qualifier code is appended to the commodity code in the label database to designate a commodity not specifically listed on the label as a correct use. A qualifier code would be attached to the "almond" code when nuts are only listed on the label. This system greatly reduces the number of rejections.

Plants and commodities grown in greenhouse and nursery operations represented a challenge in use reporting because of their diversity. Six commodity groupings were suggested by industry in

1990 and incorporate terminology that are generally known and accepted. The six use reporting categories are: greenhouse-grown cut flowers or greens; outdoor-grown cut flowers or greens; greenhouse-grown plants in containers; outdoor-grown plants in container/field-grown plants; greenhouse-grown transplants/propagative material; and outdoor-grown transplants/propagative material.

Tomatoes and grapes were also separated into two categories because of public and processor interest in differentiating pesticide use. Tomatoes are assigned two codes to differentiate between fresh market and processing categories. One code was assigned to table grapes, which includes grapes grown for fresh market, raisins, canning, or juicing. A second code was assigned to wine grapes.

Unregistered Use

The report contains entries that reflect the use of a pesticide on a commodity for which the pesticide is not currently registered. This sometimes occurs because the original use report was in error, that is, either the pesticide or the commodity was inaccurately reported. DPR's computer program checks that the commodity is listed on the label, but nonetheless such errors appear in the PUR, possibly because of errors in the label database. Also, the validation program does not check whether the pesticide product was registered at the time of application. For example, parathion (ethyl parathion) is shown reported on crops after most uses were suspended in 1992. (These records are researched and corrected as time and resources allow.) DPR continues to implement methods that identify and reduce these types of reporting errors in future reports. Other instances may occur because by law, growers are sometimes allowed to use stock they have on hand of a pesticide product that has been withdrawn from the market by the manufacturer or suspended or canceled by regulatory authorities.

Other reporting "errors" may occur when a pesticide is applied directly to a site to control a particular pest, but is not applied directly to the crop in the field. A grower may use an herbicide to treat weeds on the edge of a field, a fumigant on bare soil prior to planting, or a rodenticide to treat rodent burrows. For example, reporting the use of the herbicide glyphosate on tomatoes—when it was actually applied to bare soil prior to planting the tomatoes—could be perceived to be an error. Although technically incorrect, recording the data as if the application were made directly to the commodity provides valuable crop usage information for DPR's regulatory program.

Adjuvants

Data on spray adjuvants (including emulsifiers, wetting agents, foam suppressants, and other efficacy enhancers), not reported prior to full use reporting, are now included. Examples of these types of chemicals include the "alkyls" and some petroleum distillates. (Adjuvants are exempt from federal registration requirements, but must be registered as pesticides in California.)

Zero Pounds Applied

There are a few entries in this report in which the total pounds applied for certain active ingredients are displayed as zero. This is because the chemical (active ingredient) made up a very small percentage of the formulated product that was used. When these products are applied in extremely low quantities, the resulting value of the active ingredient is too low to register an amount.

Acres Treated

The summary information in this annual report cannot be used to determine the total number of acres of a crop. However, it can be used to determine the cumulative acres treated. The problem is that the same field can be treated more than once in a year with the same active ingredient. A similar problem occurs when the product used contains more than one active ingredient. (In any pesticide product, the active ingredient is the component that kills, or otherwise controls, target pests. A pesticide product is made up of one or more active ingredients, as well as one or more inert ingredients.) For example, if a 20-acre field is treated with a product that contains three different pesticide active ingredients, a use report is filed by the farmer correctly recording the application of a single pesticide product to 20 acres. However, in the summary tables, the three different active ingredients will each have recorded 20 acres treated. Adding these values results in a total of 60 acres as being treated instead of the 20 acres actually treated.

Number of Applications

The values for number of applications include only production agricultural applications. Applicators are required to submit one of two basic types of use reports, a production agricultural report or a monthly summary report. The production agricultural report must include information for each application. The monthly summary report, for all uses other than production agriculture, includes only monthly totals for all applications of pesticide product, site or commodity, and applicator. The total number of applications in the monthly summary reports is not consistently given so they are no longer included in the totals. In the annual PUR reports before 1997, each monthly summary record was counted as one application.

In the annual summary report by commodity, the total number of applications given for each commodity may not equal the sum of all applications of each active ingredient on that commodity. As explained above, some pesticide products contain more than one active ingredient. If the number of applications were summed for each active ingredient in such a product, the total number of applications would be more than one, even though only one application of the product was made.

Errors

In any database with millions of records there will almost certainly be errors. Most of the values in the PUR are checked for errors and, where possible, corrections are made. However, some errors will remain. If a value is completely unknown the value will either be left blank for numeric fields or replaced with a "?" or "UNKNOWN" in character fields.

If a reported rate of use (pounds of pesticide per area treated) was so large it was probably in error, the rate was replaced with an estimated rate equal to the median rate of all applications of the pesticide product on the same crop or other site treated. Since the error could have been in the pounds reported or the area or unit treated, the value that was most unusual was the one replaced with an estimate. In some cases, a reasonable estimate could not be made, for example, if there were no or few other reported applications of the product on the site. In these cases, the pounds value was set equal to 0.

Pesticide rates were considered outliers if (1) they were higher than 200 pounds of active ingredient per acre (or greater than 1,000 pounds per acre for fumigants); (2) they were 50 times larger than the median rate for all uses with the same pesticide product, crop treated, unit treated, and record type (that is, production agricultural or all other uses); or (3) they were higher than a value determined by a neural network procedure that approximates what a group of 12 scientists believed were obvious outliers. Although these criteria identified as outliers less than one percent of the rate values in the PUR, some rates were so large that if included in the sums, they would have significantly affected total pounds applied of some pesticides.

3 Data Summary

This report is a summary of data submitted to DPR. Total pounds may change slightly due to ongoing error correction. The revised numbers, when available, will more accurately reflect the total pounds applied.

Pesticide Use in California

In 2009, there were 155,869,703 pounds of pesticide active ingredients reported used in California. Annual use has varied from year to year since full use reporting was implemented in 1990. For example, reported pesticide use was 180 million pounds in 2004, 188 million pounds in 2006, and 164 million pounds in 2008.

Such variances are and will continue to be a normal occurrence. These fluctuations can be attributed to a variety of factors, including changes in planted acreage, crop plantings, pest pressures, and weather conditions. For example, extremely heavy rains result in excessive weeds,

thus more pesticides may be used; drought conditions may result in fewer planted acres, thus less pesticide may be used.

In addition, it should be noted that the pounds of pesticides used and the number of applications are not necessarily accurate indicators of the extent of pesticide use or, conversely, the extent of use of reduced-risk pest management methods. For example, farmers may make a number of small-scale "spot" applications targeted at problem areas rather than one treatment of a large area. They may replace a more toxic pesticide used at one pound per acre with a less hazardous compound that must be applied at several pounds per acre. Either of these scenarios could increase the number of applications or amount of pounds used, respectively, without indicating an increased reliance on pesticides.

As in previous years, the greatest pesticide use occurred in California's San Joaquin Valley (Table 1). The four counties in this region with the highest use were Fresno, Kern, Tulare, and San Joaquin.

Table 2 breaks down the pounds of pesticide use by general use categories: production agriculture, post-harvest commodity fumigation, structural pest control, landscape maintenance, and all others.

Table 1: *Total pounds of pesticide active ingredients reported in each county and rank during 2008 and 2009.*

	2008 Pesticide Use		2009 Pesticide Use	
County	Pounds Applied	Rank	Pounds Applied	Rank
Alameda	320,625	38	207,729	41
Alpine	472	57	362	57
Amador	82,796	45	66,657	44
Butte	2,484,720	16	1,110,027	26
Calaveras	33,464	50	27,195	47
Colusa	2,076,109	22	2,412,116	15
Contra Costa	456,741	35	414,036	35
Del Norte	321,645	37	4,418	55
El Dorado	100,283	44	108,061	42
Fresno	27,623,919	1	27,818,431	1
Glenn	2,107,543	21	2,118,108	20
Humboldt	61,943	47	28,567	46
Imperial	4,483,349	11	3,647,306	12
Inyo	5,864	54	1,953	56
Kern	25,548,011	2	21,997,444	2
Kings	6,289,848	9	6,760,228	7
Lake	602,776	34	367,113	36
Lassen	125,739	43	86,872	43

Table 1: (continued) *Total pounds of pesticide active ingredients reported in each county and rank during 2008 and 2009.*

	2008 Pesticide Use		2009 Pesticide Use	
County	Pounds Applied	Rank	Pounds Applied	Rank
Los Angeles	2,743,118	14	2,237,426	17
Madera	7,591,131	5	7,686,613	6
Marin	68,953	46	63,136	45
Mariposa	5,795	55	9,791	51
Mendocino	953,465	29	659,765	33
Merced	6,934,022	6	5,977,369	8
Modoc	391,062	36	452,166	34
Mono	3,669	56	4,806	54
Monterey	7,910,578	4	7,788,043	5
Napa	1,150,084	25	1,542,060	22
Nevada	35,306	49	14,947	50
Orange	1,049,479	27	1,230,905	25
Placer	240,818	41	282,905	38
Plumas	59,385	48	24,801	48
Riverside	2,299,331	20	1,252,033	24
Sacramento	3,412,900	13	3,128,156	13
San Benito	698,989	33	802,395	31
San Bernardino	273,897	40	319,684	37
San Diego	868,881	30	1,016,771	28
San Francisco	10,514	53	5,701	53
San Joaquin	6,777,463	7	8,457,681	4
San Luis Obispo	2,399,510	18	2,229,886	18
San Mateo	306,803	39	242,193	40
Santa Barbara	4,291,189	12	3,732,766	11
Santa Clara	1,173,874	24	679,712	32
Santa Cruz	1,654,999	23	1,585,802	21
Shasta	206,999	42	268,154	39
Sierra	156	58		58
Siskiyou	1,074,450	26	1,484,802	23
Solano	829,706	31	891,192	30
Sonoma	2,418,268	17	2,149,897	19
Stanislaus	5,706,370	10	5,623,249	10
Sutter	2,636,539	15	2,611,046	14
Tehama	998,654	28	900,355	29
Trinity	13,186	52	7,329	52
Tulare	14,347,950	3	14,074,817	3
Tuolumne	19,407	51	24,641	49

Table 1: (continued) *Total pounds of pesticide active ingredients reported in each county and rank during 2008 and 2009.*

	2008 Pesticide Use		2009 Pesticide Use	
County	Pounds Applied	Rank	Pounds Applied	Rank
Ventura	6,451,549	8	5,782,073	9
Yolo	2,306,027	19	2,390,152	16
Yuba	798,625	32	1,057,863	27
Total	163,838,996		155,869,703	

Table 2: *Pounds of pesticide active ingredients, 1998 – 2009, by general use categories.*

Year	Production Agriculture	Post Harvest Fumigation	Structural Pest Control	Landscape Maintenance	All Others	Total Pounds
1998	200,945,106	1,707,519	5,930,341	1,396,263	6,832,147	216,811,375
1999	186,572,405	2,021,914	5,673,520	1,398,396	7,871,938	203,538,174
2000	173,304,700	2,127,380	5,186,945	1,403,069	6,780,506	188,802,599
2001	139,371,107	1,436,475	4,922,132	1,282,295	6,264,514	153,276,522
2002	154,703,926	1,804,328	5,468,749	1,440,444	6,688,363	170,105,810
2003	160,103,275	1,780,497	5,177,207	1,961,050	7,401,328	176,423,356
2004	164,893,797	1,860,020	5,119,189	1,600,304	6,972,730	180,446,039
2005	177,096,305	2,256,918	5,624,996	1,761,334	8,490,899	195,230,451
2006	167,791,431	2,106,010	5,273,674	2,269,899	10,309,953	187,750,967
2007	156,721,153	2,278,310	3,967,304	1,654,802	7,293,179	171,914,748
2008	149,374,231	2,540,186	3,224,551	1,577,136	7,122,891	163,838,996
2009	144,293,883	1,232,584	2,906,691	1,286,989	6,149,556	155,869,703

Pesticide Sales in California

Reported pesticide applications are only a portion of the pesticides sold each year. Typically, about two-thirds of the pesticide active ingredients sold in a given year are not subject to use reporting. Examples of non-reported active ingredients are chlorine (used primarily for municipal water treatment) and home-use pesticide products.

Sales data for 2009 will be released in January 2011. There were 729 million pounds sold in 2008, 678 million pounds sold in 2007, 743 million pounds sold in 2006, and 611 million pounds in 2005. Prior-years data are posted on DPR's web site at <www.cdpr.ca.gov>, click "A - Z Index," "Sales of pesticides."

4 Trends in Use in Certain Pesticide Categories

Reported pesticide use in California in 2009 totaled 156 million pounds, a decrease of nearly 8 million pounds from 2008. Production agriculture, the major category of use subject to reporting requirements, accounted for most of the overall decrease in use. Applications decreased by 5.1 million pounds for production agriculture. Similarly, there was a 1.3 million-pound decrease in post-harvest treatments, a 318,000-pound decrease in structural pest control, 290,000-pound decrease in landscape maintenance, and 973,000-pound decrease of other reported non-agricultural uses, which includes rights of way, vector control, research, and fumigation of nonfood and nonfeed materials such as lumber and furniture.

The active ingredients (AI) with the largest uses by pounds in 2009 were sulfur, petroleum and mineral oils, metam-sodium, glyphosate, and 1,3-dichloropropene (1,3-D). Sulfur was the most highly used non-adjuvant pesticide in 2009, both in pounds applied and acres treated. By pounds, sulfur accounted for 27 percent of all reported pesticide use. Sulfur is a natural fungicide favored by both conventional and organic farmers.

Most of the decline in reported pesticide use was from 1,3-dichloropropene (1,3-D), which decreased by 3.5 million pounds (36 percent). Other non-adjuvant pesticides that declined in use include petroleum and mineral oils (1.7 million-pound decrease, 6.0 percent), potassium N-methyldithiocarbamate (also called metam-potassium) (1.4 million-pound decrease, 26 percent), copper-based pesticides (947,000-pound decrease, 16 percent), chlorine (693,00-pound decrease, 54 percent), and metam-sodium (665,000-pound decrease, 7.0 percent).

In contrast, some pesticide use increased. Non-adjuvant pesticides with the greatest increase in pounds applied were sulfur (1.6 million-pound increase, 4 percent), kaolin (856,000-pound increase, 59 percent), pendimethalin (320,000-pound increase, 22 percent), oxyfluorfen (266,000-pound increase, 39 percent), and phosphine (215,000-pound increase, 447 percent).

Major crops or sites that showed an overall increase in pesticide pounds applied from 2008 to 2009 include processing tomato (3.0 million-pound increase, 26 percent), wine grape (668,000 pounds, 3 percent), pomegranate (639,000 pounds, 218 percent), and pistachio (599,000 pounds, 25 percent). Major crops or sites with decreased pounds applied include carrot (4.2 million-pound decrease, 44 percent), table and raisin grape, (1.1 million pounds, 8 percent), cotton (982,000 pounds, 40 percent), orange (929,000 pounds, 10 percent), and almond (721,000 pounds, 4 percent). Acreage of most of these crops increased (Table 3). For most crops the change in acreage and pounds applied were in the same direction. However, for almonds and oranges acreage increased but pounds applied decreased.

DPR data analyses have shown that pesticide use varies from year to year depending upon pest problems, weather, acreage and types of crops planted, economics, and other factors. Of the different AI types, fumigants had the greatest decrease in pounds of AI, though only a small

Table 3: *The change in pounds of AI applied and acres planted or harvested and the percent change from 2008 and 2009 for the crops or sites with the greatest change in pounds applied.*

	Change in Use 2008–2009		Percent Change 2008–2009	
Crop Treated	Pounds	Acres	Pounds	Acres
Tomato, Processing	2,961,755	31,000	26	11
Grape, Wine	667,894	5,000	3	1
Pomegranate	639,462	n/a	218	n/a
Pistachio	598,866	8,000	25	7
Cherry	272,343	1,000	28	4
Almond	-720,905	15,000	-4	2
Orange	-928,868	6,000	-10	3
Cotton	-981,757	-85,000	-40	-31
Grape	-1,083,203	-6,000	-8	-2
Carrot	-4,162,992	-500	-44	-1

decrease by acres treated. Insecticide use had the second largest decrease by pounds and the largest decrease by acres treated. Fungicide use declined by pounds applied but acres treated increased. Conversely, pounds of herbicide increased slightly but acres treated decreased.

Pesticide use is reported as the number of pounds of AI and the total number of acres treated. The data for pounds include both agricultural and nonagricultural applications; the data for acres treated are primarily agricultural applications. The number of acres treated means the cumulative number of acres treated; the acres treated in each application are summed even when the same field is sprayed more than once in a year. (For example, if one acre is treated three times in a season with an individual AI, it is counted as three acres treated in the tables and graphs in Sections IV and V of this report.)

To provide an overview, pesticide use is summarized for eight different pesticide categories from 2000 to 2009 (Tables 4 – 19) and from 1994 to 2009 (Figures 1 – 8). These categories classify pesticides according to certain characteristics such as reproductive toxins, carcinogens, or reduced-risk characteristics. Use of all pesticide categories decreased from 2008 to 2009, except for a small increase in pounds of biopesticides. Some of the major changes from 2008 to 2009 include:

- Chemicals classified as reproductive toxins decreased in pounds applied from 2008 to 2009 (998,000 pounds or 6 percent) and decreased in acres treated (down 146,000 acres or 9 percent). The decrease in pounds was mostly from the reduced use of the fumigants metam-sodium, methyl bromide, and sodium tetrathiocarbonate. The decrease in acres was mostly from decreases in the insecticide oxydemeton-methyl, the herbicide bromoxynil octanoate, and the fungicide myclobutanil. Pesticides in this category are ones listed on the State's Proposition 65 list of chemicals "known to cause reproductive toxicity."

- Use of chemicals classified as carcinogens decreased significantly from 2008 to 2009 (down 4.5 million pounds or 19 percent and down 280,000 acres or 8 percent). The decrease in pounds was mainly due to decreases in use of the fumigants 1,3-dichloropropene and metam-sodium. The decrease in acres treated was mostly from decreases in the herbicide diuron and the fungicide maneb. The pesticides in this category are ones listed by U.S. EPA as B2 carcinogens or on the State's Proposition 65 list of chemicals "known to cause cancer."

- Use of cholinesterase-inhibiting pesticides (organophosphate [OP] and carbamate pesticides), which include compounds of high regulatory concern, continued to decline as they have for nearly every year since 1995. Use decreased from 2008 to 2009 both in pounds (down 881,000 or 17 percent) and in acres treated (down 918,000 acres or 21 percent). The AIs with the greatest decreases in pounds were phosmet, chlorpyrifos, and diazinon; the AIs with the greatest decreases in acres treated were chlorpyrifos, diazinon, and ethephon.

- Use of most chemicals categorized as ground water contaminants decreased by pounds (down 182,000 pounds or 14 percent), and by acres treated (down 114,000 acres or 12 percent) in 2009 compared to 2008. The decreases in pounds and acres treated were mostly from decreases in use of the herbicide diuron.

- Chemicals categorized as toxic air contaminants, another group of pesticides of regulatory concern, decreased from 2008 to 2009 both in pounds (down 6.7 million pounds or 18 percent) and by acres treated (down 235,000 acres or 8 percent). By pounds, most toxic air contaminants are fumigants, which are used at high rates. By acres treated, the main decreasing AIs were the herbicide trifluralin and the fungicide maneb.

- The pounds of fumigant chemicals applied decreased in 2009 from 2008 (down 5.4 million pounds or 14 percent) and decreased in cumulative acres treated (down 6,000 acres or 2 percent). Pounds of four of the six major fumigants decreased (1,3-D, potassium N-methyldithiocarbamate, metam-sodium, and methyl bromide) and pounds of two fumigants increased (chloropicrin and sulfuryl fluoride).

- Pounds of oil pesticides decreased (down 1.7 million pounds or 6 percent) and decreased by acres treated (down 126,000 acres or 4 percent). Oils include many different chemicals, but the category used here includes only ones derived from petroleum distillation. Some of these oils may be on the State's Proposition 65 list of chemicals "known to cause cancer" but most serve as alternatives to highly toxic pesticides. Oils are also used by organic growers.

- Pounds of biopesticides increased slightly in 2009 compared to 2008 (up 26,000 pounds or 2 percent) but decreased by acres treated (down 153,000 acres or 6 percent) from 2008 to

2009. The most-used biopesticide by pounds was *Bacillus thuringiensis* (combining all subspecies) and the most-used by acres treated were gibberellins, propylene glycol, and *Bacillus thuringiensis*. Potassium bicarbonate had the largest increase by pounds and acres treated. The AIs with the greatest decreases in acres treated were propylene glycol and *Bacillus thuringiensis*. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds not toxic to the target pest, such as pheromones, which are used to disrupt insect mating.

Since 1993, the reported pounds of pesticides applied have fluctuated from year to year. An increase or decrease in use from one year to the next or in the span of a few years does not necessarily indicate a general trend in use; it simply may reflect variations related to various factors (e.g. climate or economic changes). Short periods of time (three to five years) may suggest trends, such as the increased pesticide use from 2001 to 2005 or the decreased use from 1998 to 2001. However, regression analyses on use from 1993 to 2009 do not indicate a significant trend of either increase or decrease in total pesticide use.

To improve data quality when calculating the total pounds of pesticides, DPR excluded values that were so large they were probably in error. The procedure to exclude probable errors involved the development of complex error-checking algorithms, a data improvement process that is ongoing.

Over-reporting errors have a much greater impact on the numerical accuracy of the database than under-reporting errors. For example, if a field is treated with 100 pounds of a pesticide AI and the application is erroneously recorded as 100,000 pounds (a decimal point shift of three places to the right), an error of 99,900 pounds is introduced into the database. If the same degree of error is made in shifting the decimal point to the left, the application is recorded as 0.1 pound, and an error of 99.9 pounds is entered into the database.

The summaries detailed in the following use categories are not intended to serve as indicators of pesticide risks to the public or the environment. Rather, the data supports DPR regulatory functions to enhance public safety and environmental protection. (See ”How Pesticide Data are Used” on page 2.)

USE TRENDS OF PESTICIDES ON THE STATE'S PROPOSITION 65 LIST OF CHEMICALS THAT ARE "KNOWN TO CAUSE REPRODUCTIVE TOXICITY."

Table 4: *The reported pounds of pesticides used that are on the State's Proposition 65 list of chemicals that are "known to cause reproductive toxicity." Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1080	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-DB ACID	11,453	16,954	9,393	6,408	5,486	11,722	9,733	9,185	11,416	13,450
AMITRAZ	8,087	263	154	115	0	0	12	0	0	7
ARSENIC PENTOXIDE	91,267	259,400	194,650	129,889	12,705	180,505	474,517	7,805	7,433	400
ARSENIC TRIOXIDE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BENOMYL	118,432	76,713	29,005	7,105	2,210	948	898	590	100	56
BROMACIL, LITHIUM SALT	4,478	3,217	4,016	3,025	1,801	1,059	2,529	1,172	1,851	896
BROMOXYNIL OCTANOATE	115,662	78,454	72,900	75,345	50,223	34,463	37,400	41,210	65,375	50,038
CARBARYL	363,961	286,199	256,098	205,102	240,135	190,633	157,000	142,010	126,665	130,981
CHLORSULFURON	2,705	1,312	2,190	8,684	9,967	3,242	3,488	3,675	3,886	4,987
CYANAZINE	50,018	17,131	7,178	37	8	7	0	0	0	0
CYCLOATE	37,416	31,785	34,387	30,012	43,209	39,709	41,447	31,344	21,242	24,240
DICLOFOP-METHYL	21,627	11,765	5,058	9,309	5,988	1,413	174	157	0	15
DINOCAP	<1	<1	2	<1	2	2	2	2	2	2
DINOSEB	323	268	577	113	63	131	213	81	166	816
EPTC	323,613	276,724	253,634	141,552	182,532	181,825	108,209	152,707	129,470	116,031
ETHYLENE GLYCOL MONOMETHYL ETHER	2,024	2,248	3,009	1,782	2,729	2,476	4,186	2,653	1,986	2,257
ETHYLENE OXIDE	6	3	0	0	0	0	0	2	3	7
FENOXAPROP-ETHYL	979	366	106	53	64	161	196	153	219	11
FLUAZIFOP-BUTYL	205	149	166	31	34	41	26	5	3	21
FLUAZIFOP-P-BUTYL	11,595	9,489	9,985	8,759	10,298	11,638	11,103	10,192	11,287	7,827
HYDRAMETHYLNON	2,503	2,381	2,741	2,029	1,896	1,381	1,231	887	825	368
LINURON	65,533	58,173	62,006	60,117	69,289	72,031	59,164	58,592	60,230	50,523
METAM-SODIUM	13,143,954	12,562,799	15,116,768	14,822,689	14,698,228	12,991,279	11,422,382	9,923,453	9,489,335	8,824,058
METHYL BROMIDE	10,930,893	6,625,336	7,008,644	7,289,389	7,105,612	6,504,576	6,541,159	6,438,044	5,693,325	5,575,446
METIRAM	0	2	0	1	5	0	<1	0	0	0
MOLINATE	1,025,786	733,534	877,572	539,871	367,155	171,362	141,421	75,241	19,653	5,233
MYCLOBUTANIL	95,454	83,668	76,635	83,426	70,908	80,143	71,221	65,172	61,550	58,881
NABAM	1	8	0	0	10,693	30,440	23,414	9,073	9,635	8,993
NICOTINE	21	17	2	2	4	2	<1	<1	<1	<1
NITRAPYRIN	122	16	89	117	12	171	0	9	0	84
OXADIAZON	18,280	15,905	16,692	12,566	12,979	13,762	11,714	12,512	9,402	8,584
OXYDEMETON-METHYL	110,754	99,756	96,363	93,774	102,563	121,910	119,717	122,018	111,612	68,576
OXYTHIOQUINOX	411	145	117	34	27	8	90	166	170	45
POTASSIUM DIMETHYL DITHIO CARBAMATE	0	0	22	28	293	0	0	0	0	<1

Table 4: (continued) *The reported pounds of pesticides used that are on the State's Proposition 65 list of chemicals that are "known to cause reproductive toxicity."*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
PROPARGITE	1,324,752	1,159,792	972,382	1,054,691	1,010,874	995,038	570,560	529,536	389,492	380,106
RESMETHRIN	676	542	661	1,561	245	958	676	452	269	209
SODIUM DIMETHYL DITHIO CARBAMATE	1,315	173	0	0	10,693	30,440	23,414	9,073	9,800	8,993
SODIUM TETRATHIOCARBONATE	596,028	375,487	352,342	212,308	259,542	330,886	171,194	386,876	354,294	237,286
STREPTOMYCIN SULFATE	10,478	7,554	5,989	8,463	4,702	7,790	7,582	5,809	4,394	3,227
TAU-FLUVALINATE	2,211	2,207	2,117	1,632	1,581	1,162	1,081	1,019	1,068	1,168
THIOPHANATE-METHYL	68,090	66,985	71,486	125,388	119,063	158,594	112,747	98,654	74,903	89,464
TRIADIMEFON	3,130	2,764	1,736	1,773	2,111	1,918	1,116	872	1,503	1,045
TRIBUTYLTIN METHACRYLATE	107	106	39	0	0	0	0	0	0	0
TRIFORINE	365	99	72	88	295	137	452	64	69	4
VINCLOZOLIN	35,728	32,208	22,170	18,581	14,863	3,574	402	390	512	468
WARFARIN	1	1	1	3	3	1	9	1	<1	<1
TOTAL	28,600,448	22,902,095	25,569,151	24,955,848	24,431,088	22,177,538	20,131,879	18,140,859	16,673,146	15,674,804

Table 5: *The reported cumulative acres treated with pesticides that are on the State's Proposition 65 list of chemicals that are "known to cause reproductive toxicity." Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1080	42	30	301	50	<1	41	22	170	<1	67
2,4-DB ACID	19,496	25,843	15,584	10,384	10,162	18,597	16,303	15,080	19,457	21,554
AMITRAZ	16,011	1,269	605	379	0	0	<1	0	0	74
ARSENIC PENTOXIDE	709,893	56	<1	<1	48	<1	<1	<1	<1	<1
ARSENIC TRIOXIDE	<1	<1	0	<1	<1	1	<1	<1	<1	<1
BENOMYL	217,613	135,929	47,879	13,340	3,983	2,789	1,674	568	221	162
BROMACIL, LITHIUM SALT	30	<1	<1	<1	<1	<1	<1	<1	<1	<1
BROMOXYNIL OCTANOATE	313,362	251,527	239,110	218,281	162,572	120,175	134,283	136,831	186,026	145,842
CARBARYL	196,083	147,612	106,616	97,811	103,261	99,086	87,791	97,016	95,982	105,624
CHLORSULFURON	34,523	29,079	18,836	26,280	25,745	21,903	26,345	12,653	32,912	31,255
CYANAZINE	56,059	19,708	8,763	25	5	8	0	0	0	0
CYCLOATE	18,495	15,918	17,228	16,713	20,699	19,319	19,886	15,601	10,581	11,646
DICLOFOP-METHYL	24,396	14,198	6,259	11,257	7,391	729	186	224	0	30
DINOCAP	4	0	3	<1	47	7	9	8	7	7
DINOSEB	74	166	167	59	98	310	72	16	453	304
EPTC	107,744	99,953	94,240	56,639	64,194	64,263	38,871	51,706	45,560	44,876
ETHYLENE GLYCOL MONOMETHYL ETHER	28,880	33,256	36,299	24,249	25,075	16,655	25,655	26,412	14,857	14,573
ETHYLENE OXIDE	41	<1	0	0	0	0	0	<1	2	60
FENOXAPROP-ETHYL	8,847	3,820	1,326	839	1,681	3,247	3,418	2,552	3,444	142
FLUAZIFOP-BUTYL	137	144	98	<1	<1	3	<1	<1	6	2
FLUAZIFOP-P-BUTYL	41,780	34,283	40,967	28,325	31,739	35,348	34,591	31,920	31,045	25,253
HYDRAMETHYLNON	3,744	2,762	2,148	2,057	1,314	1,990	657	931	1,138	1,240
LINURON	86,376	81,801	86,942	85,412	95,565	101,987	81,535	81,041	81,211	67,441
METAM-SODIUM	146,847	125,417	141,415	142,406	128,427	97,562	102,451	78,030	71,815	72,861
METHYL BROMIDE	75,839	60,892	53,140	55,254	57,385	45,700	50,677	45,675	35,685	39,511
METIRAM	0	7	0	<1	2	0	1	0	0	0
MOLINATE	276,386	190,488	222,044	134,120	89,593	40,535	33,045	17,476	4,529	1,335
MYCLOBUTANIL	843,207	737,643	704,827	742,139	656,020	699,773	644,490	599,368	545,175	511,257
NABAM	<1	60	0	0	<1	<1	<1	2	1	3
NICOTINE	14	31	1	<1	2	3	<1	<1	<1	<1
NITRAPYRIN	155	<1	169	258	42	143	0	35	0	88
OXADIAZON	2,660	2,637	1,838	1,904	3,120	2,209	2,144	2,991	2,747	1,451
OXYDEMETON-METHYL	225,990	200,171	193,453	189,015	206,751	173,480	164,094	161,835	140,760	82,368
OXYTHIOQUINOX	817	250	182	71	137	14	10	9	5	4
POTASSIUM DIMETHYL DITHIO CARBAMATE	0	0	2	6	<1	0	0	0	0	<1
PROPARGITE	704,529	606,737	524,439	558,056	543,728	519,412	287,261	261,953	186,581	173,449

Table 5: (continued) *The reported cumulative acres treated with pesticides that are on the State's Proposition 65 list of chemicals that are "known to cause reproductive toxicity."*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
RESMETHRIN	33	35	32	66	209	1	1	18	3	11
SODIUM DIMETHYL DITHIO CARBAMATE	<1	60	0	0	<1	<1	<1	2	1	3
SODIUM TETRATHIOCARBONATE	21,002	13,574	11,558	6,832	8,497	7,977	6,170	11,485	10,725	6,860
STREPTOMYCIN SULFATE	97,012	62,184	52,180	63,445	37,461	52,061	57,295	38,468	27,011	24,435
TAU-FLUVALINATE	10,107	10,893	9,046	7,939	7,313	5,879	5,438	4,777	5,708	4,981
THIOPHANATE-METHYL	68,986	53,990	64,340	121,339	112,501	135,296	108,408	100,015	71,867	92,344
TRIADIMEFON	12,131	9,501	6,747	7,625	6,752	8,585	2,949	1,806	2,043	975
TRIBUTYLTIN METHACRYLATE	1	<1	<1	0	0	0	0	0	0	0
TRIFORINE	751	244	203	196	61	181	102	373	11	10
VINCLOZOLIN	43,702	38,570	27,795	21,692	18,207	3,899	440	258	212	85
WARFARIN	556	101	449	632	1,504	430	473	3,165	1,118	365
TOTAL	4,414,353	3,010,779	2,737,234	2,645,096	2,431,290	2,299,597	1,936,746	1,800,466	1,628,896	1,482,545

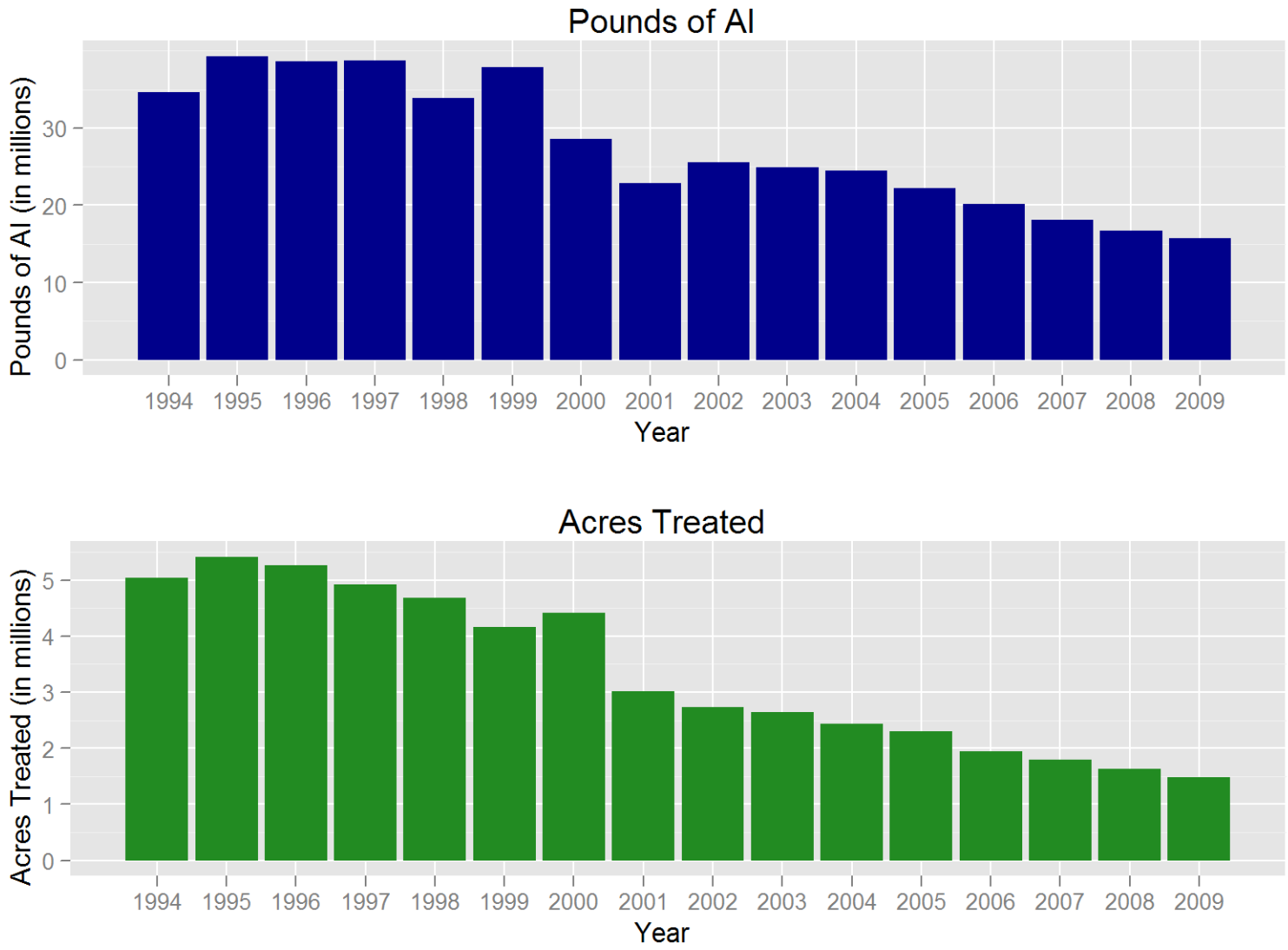

Figure 1: *Use trends of pesticides that are on the State's Proposition 65 list of chemicals that are "known to cause reproductive toxicity." Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF PESTICIDES LISTED BY U.S. EPA AS B2 CARCINOGENS OR ON THE STATE'S PROPOSITION 65 LIST OF CHEMICALS THAT ARE "KNOWN TO CAUSE CANCER."

Table 6: *The reported pounds of pesticides used that are listed by U.S. EPA as B2 carcinogens or on the State's Proposition 65 list of chemicals that are "known to cause cancer." Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1,3-DICHLOROPROPENE	4,465,422	4,141,173	5,413,807	7,003,873	8,945,145	9,355,308	8,733,270	9,594,517	9,704,804	6,236,556
ACIFLUORFEN, SODIUM SALT	<1	1	3	<1	18	<1	0	0	0	0
ALACHLOR	36,468	29,057	28,666	24,913	27,229	21,052	13,740	3,911	4,343	6,362
ARSENIC ACID	11,906	12,023	4,976	318	223	68	3	0	0	0
ARSENIC PENTOXIDE	91,267	259,400	194,650	129,889	12,705	180,505	474,517	7,805	7,433	400
ARSENIC TRIOXIDE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CACODYLIC ACID	16,091	3,981	1,792	207	115	131	20	41	43	<1
CAPTAN	644,221	399,146	395,575	498,445	370,418	468,413	508,939	449,328	361,867	325,464
CARBARYL	363,961	286,199	256,098	205,102	240,135	190,633	157,000	142,010	126,665	130,981
CHLOROTHALONIL	745,717	521,581	601,060	713,226	571,622	765,150	824,391	734,650	566,773	709,125
CHROMIC ACID	128,642	363,225	272,300	182,022	17,753	252,176	662,927	10,904	10,384	559
CREOSOTE	9,879	4,700	9,018	3,385	1,048	<1	0	3	<1	<1
DAMINOZIDE	9,088	11,309	10,077	10,111	9,586	8,793	7,805	7,099	7,094	6,342
DDVP	12,714	12,833	8,477	3,446	3,807	4,914	6,577	6,376	6,859	4,140
DIOCTYL PHTHALATE	595	640	604	521	397	583	1,016	484	340	186
DIPROPYL ISOCINCHOMERONATE	<1	1	0	1	<1	<1	52	2	<1	<1
DIURON	1,351,201	1,105,536	1,302,603	1,344,596	1,398,123	955,983	1,051,245	860,492	734,757	615,314
ETHOPROP	16,119	19,046	16,531	28,419	23,130	18,924	24,485	24,241	26,897	19,735
ETHYLENE OXIDE	6	3	0	0	0	0	0	2	3	7
FENOXYCARB	89	86	53	32	34	30	8	4	8	5
FOLPET	<1	0	2	<1	0	<1	<1	0	<1	0
FORMALDEHYDE	55,300	28,612	14,035	18,690	111,151	48,968	73,392	47,733	24,306	3,972
IPRODIONE	421,603	304,716	247,090	287,850	261,218	284,984	302,300	251,171	252,212	247,128
LINDANE	4,746	2,388	1,630	908	775	40	379	2	21	8
MANCOZEB	610,918	428,738	396,912	535,600	379,539	642,444	660,848	408,312	330,238	277,572
MANEB	1,202,515	816,548	851,819	1,026,804	954,085	1,122,684	1,175,939	1,055,375	861,006	692,329
METAM-SODIUM	13,143,954	12,562,799	15,116,768	14,822,689	14,698,228	12,991,279	11,422,382	9,923,453	9,489,335	8,824,058
METIRAM	0	2	0	1	5	0	<1	0	0	0
NITRAPYRIN	122	16	89	117	12	171	0	9	0	84
ORTHO-PHENYLPHENOL	8,516	4,016	15,129	4,936	21,740	9,454	2,083	5,128	4,389	2,133
ORTHO-PHENYLPHENOL, SODIUM SALT	31,677	27,071	25,029	20,536	5,898	4,979	6,948	2,266	3,211	1,687
ORYZALIN	457,625	110,122	155,909	429,224	574,783	703,007	787,725	656,453	604,932	522,825
OXADIAZON	18,280	15,905	16,692	12,566	12,979	13,762	11,714	12,512	9,402	8,584
OXYTHIOQUINOX	411	145	117	34	27	8	90	166	170	45
PARA-DICHLOROBENZENE	4	11	1	25	10	139	0	15	1	17

Table 6: (continued) *The reported pounds of pesticides used that are listed by U.S. EPA as B2 carcinogens or on the State's Proposition 65 list of chemicals that are "known to cause cancer."*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
PENTACHLOROPHENOL	466	14	17	3	2	3	27	22	4	0
POLYACRYLAMIDE POLYMER	8,361	5,725	11,812	5,660	5,288	5,247	6,277	5,093	4,606	4,104
POTASSIUM DICHROMATE	554	1	<1	11	71	40	0	0	0	0
PROPARGITE	1,324,752	1,159,792	972,382	1,054,691	1,010,874	995,038	570,560	529,536	389,492	380,106
PROPOXUR	2,145	611	450	306	223	220	211	191	188	196
PROPYLENE OXIDE	118,381	99,727	99,674	99,396	151,484	147,324	133,028	109,936	105,600	111,609
PROPYZAMIDE	110,309	108,987	107,663	104,222	118,952	116,132	121,005	114,479	104,077	72,914
SODIUM DICHROMATE	122	329	633	217	0	0	0	0	0	0
TERRAZOLE	2	25	6	575	1,099	750	946	750	1,534	1,130
THIODICARB	36,724	9,042	5,195	8,392	2,249	1,872	894	686	410	511
VINCLOZOLIN	35,728	32,208	22,170	18,581	14,863	3,574	402	390	512	468
TOTAL	25,496,602	22,887,489	26,577,512	28,600,541	29,947,045	29,314,784	27,743,144	24,965,547	23,743,914	19,206,659

Table 7: *The reported cumulative acres treated with pesticides that are listed by U.S. EPA as B2 carcinogens or on the State's Proposition 65 list of chemicals that are "known to cause cancer." Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1,3-DICHLOROPROPENE	33,244	30,817	42,172	48,944	56,618	51,486	49,885	53,937	57,922	37,817
ACIFLUORFEN, SODIUM SALT	<1	<1	11	<1	2	<1	0	0	0	0
ALACHLOR	13,302	11,453	14,467	10,004	9,888	7,935	5,192	1,500	1,635	2,261
ARSENIC ACID	<1	<1	<1	<1	<1	<1	<1	0	0	0
ARSENIC PENTOXIDE	709,893	56	<1	<1	48	<1	<1	<1	<1	<1
ARSENIC TRIOXIDE	<1	<1	0	<1	<1	1	<1	<1	<1	<1
CACODYLIC ACID	117,656	31,283	12,648	757	100	82	121	<1	<1	<1
CAPTAN	309,989	215,969	215,412	271,140	211,028	252,040	262,936	215,787	198,022	171,468
CARBARYL	196,083	147,612	106,616	97,811	103,261	99,086	87,791	97,016	95,982	105,624
CHLOROTHALONIL	430,128	312,726	347,736	361,203	331,710	418,600	438,373	389,497	292,385	372,157
CHROMIC ACID	709,893	56	<1	<1	<1	<1	<1	<1	<1	<1
CREOSOTE	45	1	<1	<1	<1	<1	0	1	1	2
DAMINOZIDE	3,416	6,146	5,417	3,103	2,667	2,376	2,220	2,291	2,471	2,061
DDVP	2,336	3,954	4,327	2,576	1,637	7,445	1,526	2,733	2,231	2,685
DIOCTYL PHTHALATE	11,195	10,776	6,649	3,880	6,249	13,858	13,231	13,258	3,582	4,928
DIPROPYL ISOCINCHOMERONATE	5	<1	0	<1	<1	1	18	<1	<1	<1
DIURON	865,892	788,559	796,904	843,897	971,628	894,073	886,032	702,939	514,554	401,085
ETHOPROP	3,477	3,542	4,152	6,078	4,917	4,296	4,815	4,283	4,159	4,027
ETHYLENE OXIDE	41	<1	0	0	0	0	0	<1	2	60
FENOXYCARB	3,405	3,241	1,242	812	1,011	1,398	828	210	489	353
FOLPET	<1	0	<1	<1	0	<1	<1	0	<1	0
FORMALDEHYDE	47	53	33	18	23	2	265	57	67	5
IPRODIONE	1,194,618	501,033	364,809	445,511	409,250	450,354	468,465	412,699	436,226	431,413
LINDANE	14,640	13,832	8,010	8,828	9,437	557	9	0	37	10
MANCOZEB	363,306	228,275	197,196	276,093	194,219	370,266	348,360	212,354	169,422	145,248
MANEB	611,748	535,105	554,904	660,011	601,360	730,254	675,941	655,235	558,506	492,946
METAM-SODIUM	146,847	125,417	141,415	142,406	128,427	97,562	102,451	78,030	71,815	72,861
METIRAM	0	7	0	<1	2	0	1	0	0	0
NITRAPYRIN	155	<1	169	258	42	143	0	35	0	88
ORTHO-PHENYLPHENOL	321	59	82	726	272	429	65	149	22	49
ORTHO-PHENYLPHENOL, SODIUM SALT	18,564	60	40	9	<1	<1	<1	<1	<1	<1
ORYZALIN	220,127	37,586	71,985	208,230	298,712	359,076	400,237	313,343	272,273	234,022
OXADIAZON	2,660	2,637	1,838	1,904	3,120	2,209	2,144	2,991	2,747	1,451
OXYTHIOQUINOX	817	250	182	71	137	14	10	9	5	4
PARA-DICHLOROBENZENE	<1	<1	<1	<1	<1	<1	0	<1	0	<1
PENTACHLOROPHENOL	59	38	<1	<1	20	3	0	10	46	0
POLYACRYLAMIDE POLYMER	872,145	482,365	385,995	461,617	495,213	551,014	645,781	445,134	470,192	437,945

Table 7: (continued) *The reported cumulative acres treated with pesticides that are listed by U.S. EPA as B2 carcinogens or on the State's Proposition 65 list of chemicals that are "known to cause cancer."*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
POTASSIUM DICHROMATE	40	<1	20	<1	<1	10	0	0	0	0
PROPARGITE	704,529	606,737	524,439	558,056	543,728	519,412	287,261	261,953	186,581	173,449
PROPOXUR	26	4	23	1	7	8	<1	<1	10	356
PROPYLENE OXIDE	<1	<1	<1	<1	22	185	20	<1	12	<1
PROPYZAMIDE	137,288	145,325	140,803	132,819	147,631	148,376	153,045	148,399	133,426	101,159
SODIUM DICHROMATE	<1	<1	<1	<1	0	0	0	0	0	0
TERRAZOLE	126	132	47	266	253	495	884	879	1,419	703
THIODICARB	50,611	13,382	8,258	12,113	3,684	2,965	1,293	1,196	673	680
VINCLOZOLIN	43,702	38,570	27,795	21,692	18,207	3,899	440	258	212	85
TOTAL	7,069,542	4,284,406	3,978,403	4,572,069	4,545,129	4,989,350	4,839,640	4,016,184	3,477,125	3,197,005

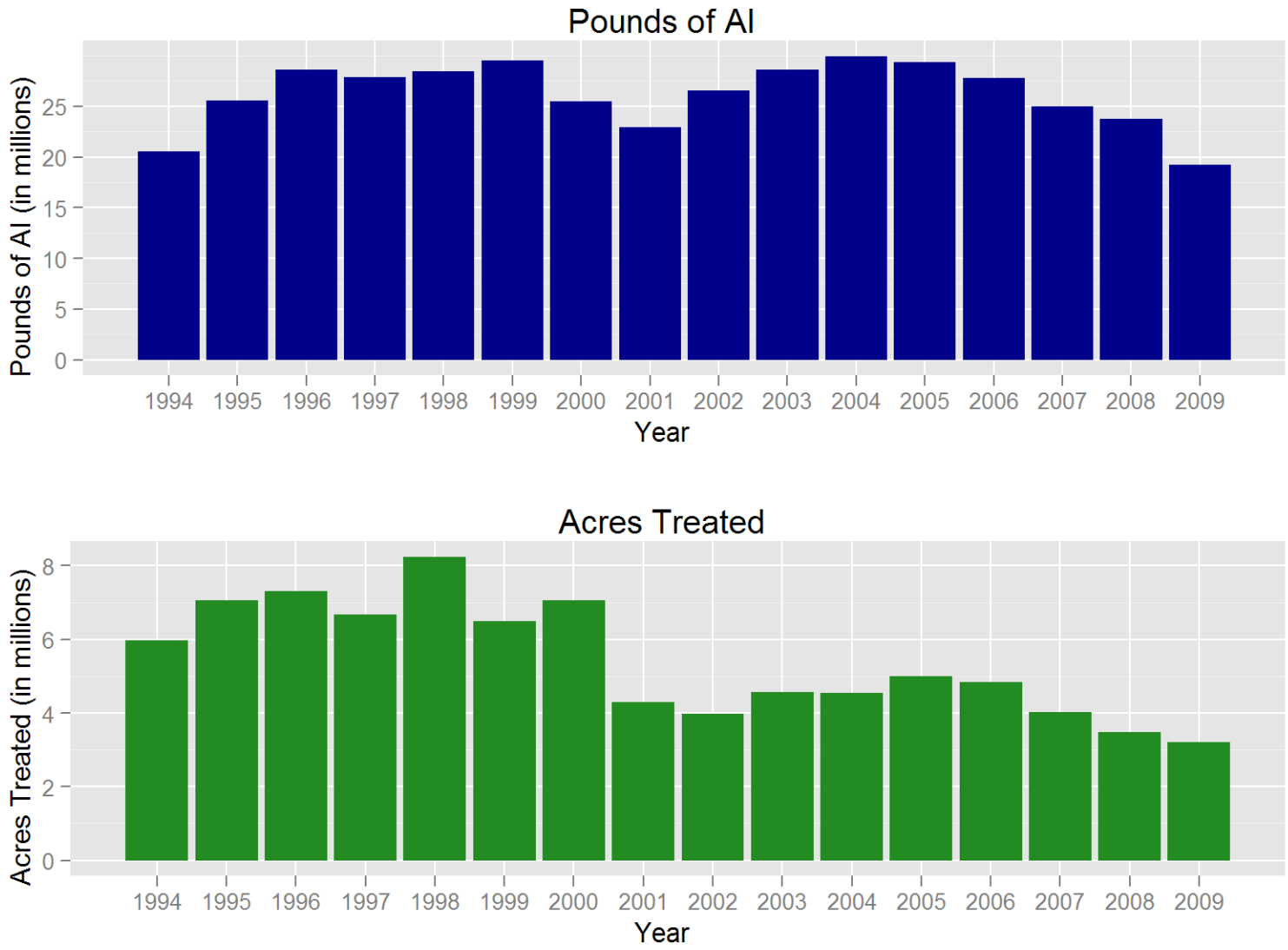

Figure 2: *Use trends of pesticides that are listed by U.S. EPA as B2 carcinogens or on the State's Proposition 65 list of chemicals that are "known to cause cancer." Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF PESTICIDES CHOLINESTERASE-INHIBITING PESTICIDES.

Table 8: *The reported pounds of pesticides used that are cholinesterase-inhibiting pesticides. These pesticides are organophosphate and carbamate active ingredients. Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
3-IODO-2-PROPYNYL BUTYLCARBAMATE	<1	<1	0	0	0	0	0	0	0	<1
ACEPHATE	283,563	240,132	217,397	221,781	204,824	195,507	163,909	142,474	152,303	112,251
ALDICARB	329,553	297,244	244,786	262,103	231,012	230,409	176,624	115,088	75,767	31,529
AZINPHOS-METHYL	185,055	163,121	151,612	213,892	50,562	55,179	38,775	25,418	16,269	13,045
BENDIOCARB	593	62	32	23	9	6	2	8	2	<1
BENSULIDE	216,442	186,908	192,220	228,739	237,290	246,396	284,533	258,164	244,526	230,977
BUTYLATE	32,658	27,640	19,412	26,826	20,323	9,923	2,671	945	27	0
CARBARYL	363,961	286,199	256,098	205,102	240,135	190,633	157,000	142,010	126,665	130,981
CARBOFURAN	132,427	95,863	81,486	49,276	30,354	28,093	25,790	24,306	16,389	9,599
CHLORPROPHAM	3,544	3,504	1,380	6,191	2,861	2,822	3,704	1,532	4,384	4,134
CHLORPYRIFOS	2,094,764	1,673,097	1,419,665	1,545,670	1,778,342	2,006,062	1,922,547	1,430,082	1,368,555	1,235,481
COUMAPHOS	152	97	62	64	63	1	3	<1	0	0
CYCLOATE	37,416	31,785	34,387	30,012	43,209	39,709	41,447	31,344	21,242	24,240
DDVP	12,714	12,833	8,477	3,446	3,807	4,914	6,577	6,376	6,859	4,140
DEMETON	2	3	42	<1	0	1	<1	1	0	2
DESMEDIPHAM	6,694	3,750	3,398	3,636	3,842	3,921	2,954	1,902	1,598	1,248
DIAZINON	1,058,923	999,578	690,375	523,957	492,148	398,620	385,923	350,730	258,544	141,366
DICROTOPHOS	0	2	27	41	0	2	6	0	0	0
DIMETHOATE	396,462	285,548	309,371	294,368	332,049	310,502	294,027	314,056	292,119	250,979
DISULFOTON	76,201	51,545	54,567	46,815	41,317	31,799	22,601	23,850	8,028	8,330
EPTC	323,613	276,724	253,634	141,552	182,532	181,825	108,209	152,707	129,470	116,031
ETHEPHON	734,838	620,075	538,403	574,377	637,205	642,137	584,613	427,248	296,421	202,123
ETHION	0	5	12	13	<1	261	13	0	2	28
ETHOPROP	16,119	19,046	16,531	28,419	23,130	18,924	24,485	24,241	26,897	19,735
FENAMIPHOS	104,537	66,330	70,939	59,421	58,691	46,336	33,511	39,677	17,482	11,458
FENTHION	33	61	79	3	36	15	2	4	4	9
FONOFOS	4,370	580	465	182	30	15	0	0	1	0
FORMETANATE HYDROCHLORIDE	43,941	45,280	35,798	28,420	30,651	30,684	33,738	33,694	44,704	32,571
MALATHION	505,699	554,872	624,604	654,155	492,548	423,529	410,866	461,200	484,228	528,196
METHAMIDOPHOS	76,865	46,615	30,645	36,987	31,332	37,806	30,570	18,867	24,224	17,934
METHIDATHION	97,722	93,521	68,389	54,398	61,204	48,857	56,691	45,633	47,203	47,194
METHIOCARB	2,420	2,265	1,858	2,256	2,789	2,313	1,798	1,749	2,068	3,037
METHOMYL	555,444	378,131	295,237	359,050	262,195	347,010	317,302	305,071	251,382	220,860
METHYL PARATHION	75,075	59,620	53,955	73,365	71,525	78,821	84,785	75,368	34,110	25,357
MEVINPHOS	539	393	40	114	1	160	18	30	4	4
MEVINPHOS, OTHER RELATED	301	249	23	76	<1	107	12	20	3	2
MEXACARBATE	0	0	0	0	0	0	0	0	0	0

Table 8: (continued) *The reported pounds of pesticides used that are cholinesterase-inhibiting pesticides. These pesticides are organophosphate and carbamate active ingredients.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
MOLINATE	1,025,786	733,534	877,572	539,871	367,155	171,362	141,421	75,241	19,653	5,233
NALED	246,572	276,651	177,102	185,611	152,479	223,725	185,444	132,073	172,632	161,747
O,O-DIMETHYL O-(4-NITRO-M-TOLYL) PHOSPHOROTHIOATE	0	0	0	0	0	0	<1	0	0	0
OXAMYL	137,597	76,971	80,315	93,781	112,603	153,167	116,639	44,843	100,000	48,994
OXYDEMETON-METHYL	110,754	99,756	96,363	93,774	102,563	121,910	119,717	122,018	111,612	68,576
PARATHION	3,360	2,589	3,205	611	240	855	1,542	479	33	118
PEBULATE	160,018	45,619	71,721	35,755	10,118	1,154	210	441	68	0
PHENMEDIPHAM	7,469	4,249	4,351	5,021	4,576	5,171	4,046	2,838	2,305	2,507
PHORATE	87,974	70,645	76,482	64,947	60,162	48,981	38,066	33,776	32,408	15,291
PHOSALONE	4	0	0	0	0	0	0	0	0	0
PHOSMET	580,552	482,481	405,236	341,541	658,087	547,813	628,892	421,109	341,422	132,528
POTASSIUM DIMETHYL DITHIO CARBAMATE	0	0	22	28	293	0	0	0	0	<1
PROFENOFOS	43,879	22,011	24,452	12,871	15,620	23,924	20,885	3,638	216	0
PROPAMOCARB HYDROCHLORIDE	5,049	2,288	828	83	5	0	364	137,418	116,725	105,879
PROPETAMPHOS	4,583	3,991	2,464	721	315	148	207	136	116	352
PROPOXUR	2,145	611	450	306	223	220	211	191	188	196
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	396,827	257,062	190,149	233,640	179,690	100,210	78,084	45,757	16,335	6,509
SODIUM DIMETHYL DITHIO CARBAMATE	1,315	173	0	0	10,693	30,440	23,414	9,073	9,800	8,993
SULFOTEP	215	267	77	8	29	17	1	7	4	2
SULPROFOS	0	<1	0	0	0	0	0	0	0	0
TEMEPHOS	130	0	0	0	356	1,102	803	1,173	684	83
TETRACHLORVINPHOS	4,833	4,746	3,285	1,262	722	788	1,203	667	1,012	1,306
THIOBENCARB	1,007,249	644,625	839,962	587,211	521,586	448,208	308,497	289,046	263,499	278,938
THIODICARB	36,724	9,042	5,195	8,392	2,249	1,872	894	686	410	511
TRICHLORFON	3,996	3,004	1,545	1,068	1,035	1,222	1,003	336	961	25
TOTAL	11,639,672	9,262,992	8,536,181	7,881,229	7,766,817	7,495,586	6,887,250	5,774,742	5,141,565	4,260,630

Table 9: *The reported cumulative acres treated with pesticides that are cholinesterase-inhibiting pesticides. These pesticides are organophosphate and carbamate active ingredients. Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
3-IODO-2-PROPYNYL BUTYLCARBAMATE	<1	40	0	0	0	0	0	0	0	0
ACEPHATE	295,614	266,278	232,949	223,408	211,892	198,982	172,119	148,887	147,910	114,735
ALDICARB	314,749	282,453	225,820	231,090	217,540	214,260	158,000	108,892	66,829	31,967
AZINPHOS-METHYL	118,805	117,544	94,035	117,060	38,622	37,622	25,534	16,636	9,888	7,849
BENDIOCARB	<1	2	<1	8	<1	1	<1	6	<1	<1
BENSULIDE	73,088	62,859	60,883	66,376	70,367	70,625	82,280	76,748	75,695	69,265
BUTYLATE	7,235	6,270	4,598	5,450	3,940	1,954	610	236	6	0
CARBARYL	196,083	147,612	106,616	97,811	103,261	99,086	87,791	97,016	95,982	105,624
CARBOFURAN	258,441	246,149	182,567	91,801	50,138	55,488	43,417	39,795	24,651	6,901
CHLORPROPHAM	127	112	80	124	166	88	115	178	147	<1
CHLORPYRIFOS	1,442,077	1,355,172	1,235,816	1,478,783	1,323,331	1,681,634	1,538,958	1,154,681	1,162,654	919,402
COUMAPHOS	1,339	809	1,073	17	49	<1	2	<1	0	0
CYCLOATE	18,495	15,918	17,228	16,713	20,699	19,319	19,886	15,601	10,581	11,646
DDVP	2,336	3,954	4,327	2,576	1,637	7,445	1,526	2,733	2,231	2,685
DEMETON	<1	56	<1	2	0	35	<1	10	0	10
DESMEDIPHAM	60,916	34,738	32,344	35,435	37,152	35,795	30,883	24,780	16,787	15,969
DIAZINON	480,175	437,934	489,230	483,344	509,233	440,839	439,814	422,244	310,125	139,857
DICROTOPHOS	0	<1	<1	64	0	<1	110	0	0	0
DIMETHOATE	877,687	639,271	681,367	621,074	701,470	672,935	613,479	608,819	576,286	497,942
DISULFOTON	69,067	45,258	48,723	39,182	34,481	25,320	18,926	20,315	4,723	7,327
EPTC	107,744	99,953	94,240	56,639	64,194	64,263	38,871	51,706	45,560	44,876
ETHEPHON	697,340	631,330	550,256	601,503	660,356	679,253	640,720	490,361	362,926	256,442
ETHION	0	5	<1	1	<1	66	32	0	6	15
ETHOPROP	3,477	3,542	4,152	6,078	4,917	4,296	4,815	4,283	4,159	4,027
FENAMIPHOS	60,340	36,999	38,397	36,293	34,142	29,314	18,918	22,618	10,730	7,537
FENTHION	<1	<1	<1	<1	18	<1	<1	<1	<1	<1
FONOFOS	2,325	497	234	116	20	15	0	0	<1	0
FORMETANATE HYDROCHLORIDE	42,880	45,234	36,131	29,411	33,167	31,775	35,293	35,383	45,715	32,570
MALATHION	323,983	290,933	314,683	287,467	249,319	226,729	218,196	250,823	288,852	276,308
METHAMIDOPHOS	101,494	63,046	37,012	41,506	38,874	45,835	37,585	23,022	27,532	20,408
METHIDATHION	71,837	64,785	48,554	38,516	45,281	37,751	34,786	37,301	43,010	54,188
METHIOCARB	2,719	1,866	2,000	1,757	3,064	2,501	3,072	2,649	2,439	2,035
METHOMYL	893,585	627,264	510,006	615,669	437,673	612,989	529,347	502,384	406,030	377,151
METHYL PARATHION	43,773	39,449	37,514	51,252	48,640	49,771	51,184	45,173	21,574	14,979
MEVINPHOS	528	142	160	192	3	215	8	198	34	27
MEVINPHOS, OTHER RELATED	528	142	160	192	3	215	8	198	34	27
MEXACARBATE	0	0	0	0	0	0	0	0	0	0

Table 9: (continued) *The reported cumulative acres treated with pesticides that are cholinesterase-inhibiting pesticides. These pesticides are organophosphate and carbamate active ingredients.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
MOLINATE	276,386	190,488	222,044	134,120	89,593	40,535	33,045	17,476	4,529	1,335
NALED	244,677	234,184	155,295	148,776	110,218	191,906	159,851	107,774	105,505	128,350
O,O-DIMETHYL O-(4-NITRO-M-TOLYL) PHOSPHOROTHIOATE	0	0	0	0	0	0	<1	0	0	0
OXAMYL	179,126	100,294	98,313	115,275	135,832	178,893	137,541	60,773	116,202	59,118
OXYDEMETON-METHYL	225,990	200,171	193,453	189,015	206,751	173,480	164,094	161,835	140,760	82,368
PARATHION	3,909	2,977	7,026	1,006	392	717	713	414	101	195
PEBULATE	51,243	15,122	21,491	10,680	4,319	297	35	163	151	0
PHENMEDIPHAM	62,643	35,477	34,452	38,265	38,964	38,675	33,208	26,762	18,198	18,733
PHORATE	71,406	63,160	58,390	50,290	47,488	35,938	27,676	23,557	10,933	9,688
PHOSALONE	10	0	0	0	0	0	0	0	0	0
PHOSMET	219,707	189,517	159,065	128,037	209,843	170,683	200,531	142,712	116,516	51,472
POTASSIUM DIMETHYL DITHIO CARBAMATE	0	0	2	6	<1	0	0	0	0	<1
PROFENOFOS	46,617	23,700	25,997	13,598	11,657	25,096	20,563	4,509	289	0
PROPAMOCARB HYDROCHLORIDE	17,696	2,625	1,041	22	10	0	187	144,949	123,699	108,818
PROPETAMPHOS	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PROPOXUR	26	4	23	1	7	8	<1	<1	10	356
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	282,844	187,153	129,570	158,604	133,535	74,538	52,330	31,408	10,850	4,939
SODIUM DIMETHYL DITHIO CARBAMATE	<1	60	0	0	<1	<1	<1	2	1	3
SULFOTEP	168	314	57	3	8	9	<1	5	2	3
SULPROFOS	0	<1	0	0	0	0	0	0	0	0
TEMEPHOS	<1	0	0	0	<1	<1	<1	<1	<1	<1
TETRACHLORVINPHOS	575	232	125	6	291	1,518	1	200	5	<1
THIOBENCARB	252,506	169,056	222,606	154,952	136,132	118,786	79,109	74,271	67,483	72,711
THIODICARB	50,611	13,382	8,258	12,113	3,684	2,965	1,293	1,196	673	680
TRICHLORFON	70	51	18	8	<1	<1	<1	<1	<1	<1
TOTAL	8,491,705	6,960,273	6,395,707	6,396,055	6,034,805	6,362,725	5,725,402	4,976,388	4,462,136	3,544,306

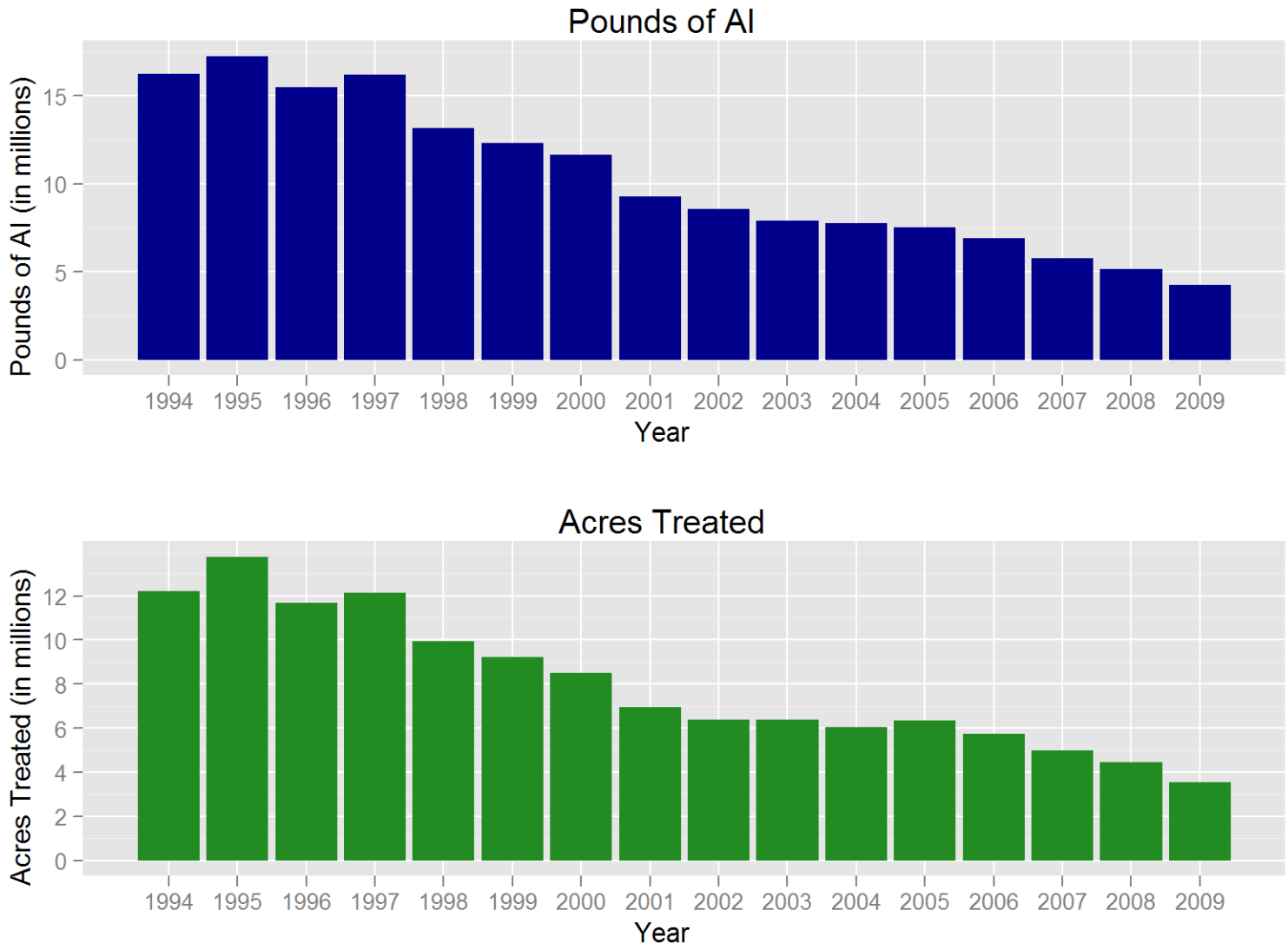

Figure 3: *Use trends of pesticides that are cholinesterase-inhibiting pesticides. These pesticides are organophosphate and carbamate active ingredients. Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF PESTICIDES ON THE "A" PART OF DPR'S GROUNDWATER PROTECTION LIST.

Table 10: *The reported pounds of pesticides used that are on the "a" part of DPR's groundwater protection list. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6800(a). Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ATRAZINE	61,323	62,879	59,292	58,248	38,776	33,015	35,291	27,546	28,491	22,187
ATRAZINE, OTHER RELATED	1,282	1,314	1,237	1,213	812	695	732	571	600	463
BENTAZON, SODIUM SALT	1,210	393	1,045	1,216	1,370	2,272	2,633	4,858	8,075	9,589
BROMACIL	68,227	56,128	55,821	56,427	56,476	48,929	62,774	85,097	68,162	48,777
BROMACIL, LITHIUM SALT	4,478	3,217	4,016	3,025	1,801	1,059	2,529	1,172	1,851	896
DIURON	1,351,201	1,105,536	1,302,603	1,344,596	1,398,123	955,983	1,051,245	860,492	734,757	615,314
NORFLURAZON	259,328	208,667	187,927	146,408	139,960	94,037	107,763	77,615	58,590	44,672
PROMETON	28	2	21	2	20	3	8	3	3	1
SIMAZINE	713,729	585,400	632,901	670,916	729,850	623,806	635,486	538,627	438,952	415,136
TOTAL	2,460,806	2,023,534	2,244,862	2,282,050	2,367,187	1,759,800	1,898,460	1,595,981	1,339,482	1,157,037

Table 11: *The reported cumulative acres treated with pesticides that are on the "a" part of DPR's groundwater protection list. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6800(a). Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ATRAZINE	35,757	33,376	28,589	29,966	26,989	24,085	21,834	17,382	16,766	15,219
ATRAZINE, OTHER RELATED	35,757	33,376	28,589	29,966	26,989	24,085	21,834	17,382	16,766	15,219
BENTAZON, SODIUM SALT	1,502	432	1,094	987	1,279	2,218	2,217	4,215	6,631	6,424
BROMACIL	42,488	30,149	29,585	27,974	26,204	21,886	19,132	20,455	21,471	23,572
BROMACIL, LITHIUM SALT	30	<1	<1	<1	<1	<1	<1	<1	<1	<1
DIURON	865,892	788,559	796,904	843,897	971,628	894,073	886,032	702,939	514,554	401,085
NORFLURAZON	230,848	192,305	161,746	125,619	125,802	81,589	91,035	74,085	58,866	44,433
PROMETON	51	<1	174	49	171	6	168	4	35	2
SIMAZINE	620,672	515,419	561,349	546,678	588,016	463,244	480,142	411,719	320,992	337,350
TOTAL	1,761,819	1,532,564	1,552,171	1,548,690	1,716,706	1,466,859	1,483,320	1,212,529	919,200	805,264

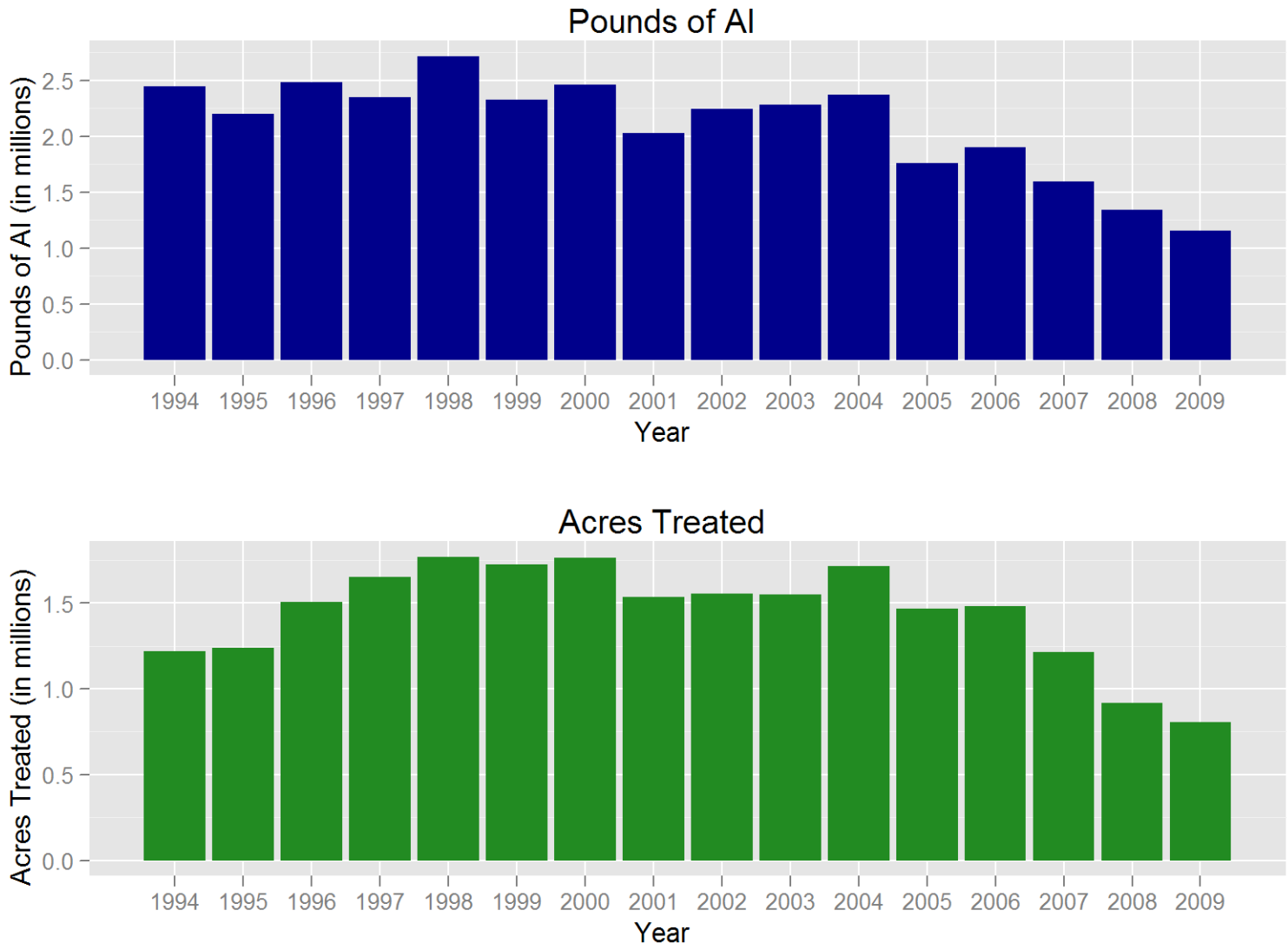

Figure 4: *Use trends of pesticides that are on the "a" part of DPR's groundwater protection list. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6800(a). Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF PESTICIDES ON DPR'S TOXIC AIR CONTAMINANTS LIST APPLIED IN CALIFORNIA.

Table 12: *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860. Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1,3-DICHLOROPROPENE	4,465,422	4,141,173	5,413,807	7,003,873	8,945,145	9,355,308	8,733,270	9,594,517	9,704,804	6,236,556
2,4-D	2,096	1,787	1,733	1,732	1,796	1,552	1,735	2,755	11,619	10,594
2,4-D, 2-ETHYLHEXYL ESTER	13,911	13,706	15,801	19,715	21,130	26,632	21,062	15,029	20,464	14,930
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL AMINES)	6,737	674	452	1,357	624	458	16	29	25	131
2,4-D, BUTOXYETHANOL ESTER	6,194	5,336	3,556	3,812	4,782	8,190	1,720	843	1,775	2,747
2,4-D, BUTOXYPROPYL ESTER	4	3	0	0	0	0	<1	0	13	0
2,4-D, BUTYL ESTER	<1	<1	593	2	0	10	15	9	0	2
2,4-D, DIETHANOLAMINE SALT	13,004	6,667	8,080	8,831	5,022	3,961	2,947	4,025	5,533	4,913
2,4-D, DIMETHYLAMINE SALT	426,911	395,537	425,706	511,519	470,871	454,762	438,864	395,887	466,872	440,736
2,4-D, DODECYLAMINE SALT	0	257	322	0	0	0	0	0	0	0
2,4-D, HEPTYLAMINE SALT	0	0	<1	0	0	0	0	0	0	0
2,4-D, ISOOCTYL ESTER	8,505	15,828	12,380	12,366	10,039	10,314	10,627	11,572	9,603	3,999
2,4-D, ISOPROPYL ESTER	7,886	6,584	7,833	8,319	9,066	10,825	10,559	10,057	10,671	13,019
2,4-D, N-OLEYL-1,3-PROPYLENEDIAMINE SALT	11	0	0	0	0	0	0	0	0	0
2,4-D, OCTYL ESTER	0	0	0	0	0	0	0	0	0	0
2,4-D, PROPYL ESTER	783	391	634	326	472	382	398	212	141	99
2,4-D, TETRADECYLAMINE SALT	0	60	75	0	0	0	0	0	0	0
2,4-D, TRIETHYLAMINE SALT	1,102	634	426	435	386	203	1,614	383	332	472
2,4-D, TRIISOPROPANOLAMINE SALT	0	0	565	550	742	672	1,133	985	1,140	1,930
2,4-D, TRIISOPROPYLAMINE SALT	0	5	9	6	0	0	458	636	472	1,929
ACROLEIN	290,180	233,928	282,590	272,733	211,014	257,189	246,659	201,112	215,822	161,287
ALUMINUM PHOSPHIDE	119,784	99,856	169,218	119,512	131,303	135,751	150,555	104,840	132,296	156,241
ARSENIC ACID	11,906	12,023	4,976	318	223	68	3	0	0	0
ARSENIC PENTOXIDE	91,267	259,400	194,650	129,889	12,705	180,505	474,517	7,805	7,433	400
ARSENIC TRIOXIDE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CAPTAN	644,221	399,146	395,575	498,445	370,418	468,413	508,939	449,328	361,867	325,464
CAPTAN, OTHER RELATED	14,662	9,014	9,020	11,309	8,271	10,540	11,748	10,325	8,297	7,404
CARBARYL	363,961	286,199	256,098	205,102	240,135	190,633	157,000	142,010	126,665	130,981
CHLORINE	654,541	296,469	502,944	619,735	516,546	613,837	730,986	857,144	1,278,580	585,673
CHROMIC ACID	128,642	363,225	272,300	182,022	17,753	252,176	662,927	10,904	10,384	559
DAZOMET	10,981	44,299	45,020	34,848	58,492	48,263	34,310	37,537	40,272	57,283
DDVP	12,714	12,833	8,477	3,446	3,807	4,914	6,577	6,376	6,859	4,140

Table 12: (continued) *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENDOSULFAN	144,704	153,479	142,524	134,080	153,339	83,275	92,757	52,403	59,917	41,724
ETHYLENE OXIDE	6	3	0	0	0	0	0	2	3	7
FORMALDEHYDE	55,300	28,612	14,035	18,690	111,151	48,968	73,392	47,733	24,306	3,972
HYDROGEN CHLORIDE	3,316	4,276	4,256	3,222	2,529	14,755	2,464	1,470	32,924	39,813
LINDANE	4,746	2,388	1,630	908	775	40	379	2	21	8
MAGNESIUM PHOSPHIDE	3,550	2,492	4,824	2,844	2,621	3,156	3,931	4,984	10,507	7,957
MANCOZEB	610,918	428,738	396,912	535,600	379,539	642,444	660,848	408,312	330,238	277,572
MANEB	1,202,515	816,548	851,819	1,026,804	954,085	1,122,684	1,175,939	1,055,375	861,006	692,329
META-CRESOL	14	1	1	1	2	1	<1	<1	<1	<1
METAM-SODIUM	13,143,954	12,562,799	15,116,768	14,822,689	14,698,228	12,991,279	11,422,382	9,923,453	9,489,335	8,824,058
METHANOL	<1	0	0	0	0	0	0	0	0	0
METHIDATHION	97,722	93,521	68,389	54,398	61,204	48,857	56,691	45,633	47,203	47,194
METHOXYCHLOR	26	41	144	3	1	13	130	6	0	8
METHOXYCHLOR, OTHER RELATED	0	<1	0	0	<1	<1	0	0	0	0
METHYL BROMIDE	10,930,893	6,625,336	7,008,644	7,289,389	7,105,612	6,504,576	6,541,159	6,438,044	5,693,325	5,575,446
METHYL ISOTHIOCYANATE	3,323	2,871	3,512	547	1,357	1,549	1,073	388	0	0
METHYL PARATHION	75,075	59,620	53,955	73,365	71,525	78,821	84,785	75,368	34,110	25,357
METHYL PARATHION, OTHER RELATED	3,936	3,126	2,833	3,857	3,763	4,145	4,447	3,959	1,792	1,333
NAPHTHALENE	0	0	<1	23	0	<1	0	0	0	0
PARA-DICHLOROBENZENE	4	11	1	25	10	139	0	15	1	17
PARATHION	3,360	2,589	3,205	611	240	855	1,542	479	33	118
PCNB	62,809	50,937	43,450	38,989	34,176	37,942	32,786	30,688	29,188	24,021
PCP, OTHER RELATED	54	2	2	<1	<1	<1	3	2	1	0
PCP, SODIUM SALT	0	<1	0	0	0	0	0	<1	0	0
PCP, SODIUM SALT, OTHER RELATED	0	0	0	0	0	0	0	<1	0	0
PENTACHLOROPHENOL	466	14	17	3	2	3	27	22	4	0
PHENOL	20	30	0	<1	9	71	<1	0	0	2
PHOSPHINE	0	44	901	1,141	1,664	2,688	2,774	5,262	48,243	263,667
PHOSPHORUS	22	3	1	1	1	<1	2	<1	<1	<1
POTASSIUM N-METHYLDITHIOCARBAMATE	105,364	464,882	1,175,168	1,911,698	851,181	1,994,072	3,202,884	3,785,436	5,524,647	4,102,241
POTASSIUM PERMANGANATE	0	0	0	0	0	0	0	0	0	109
PROPOXUR	2,145	611	450	306	223	220	211	191	188	196
PROPYLENE OXIDE	118,381	99,727	99,674	99,396	151,484	147,324	133,028	109,936	105,600	111,609
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	396,827	257,062	190,149	233,640	179,690	100,210	78,084	45,757	16,335	6,509
SODIUM CYANIDE	2,178	2,437	2,542	2,808	2,865	3,086	2,853	2,670	3,406	1,808
SODIUM DICHROMATE	122	329	633	217	0	0	0	0	0	0
SODIUM TETRATHIOCARBONATE	596,028	375,487	352,342	212,308	259,542	330,886	171,194	386,876	354,294	237,286

Table 12: (continued) *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
SULFURYL FLUORIDE	2,428,345	2,585,680	3,047,882	3,138,687	3,270,698	3,394,126	2,880,853	2,152,451	2,120,860	2,161,004
TRIFLURALIN	1,162,159	934,018	1,091,597	1,061,631	1,023,142	1,027,804	1,041,805	899,604	676,346	530,491
XYLENE	4,292	9,544	2,680	4,349	2,109	1,598	1,418	1,173	576	517
ZINC PHOSPHIDE	1,609	1,116	981	1,253	1,924	2,371	3,794	3,215	1,299	20,893
TOTAL	38,459,609	32,173,409	37,714,758	40,323,686	40,365,436	40,623,517	39,882,274	37,345,228	37,887,647	31,158,758

Table 13: *The reported cumulative acres treated with pesticides that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860. Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1,3-DICHLOROPROPENE	33,244	30,817	42,172	48,944	56,618	51,486	49,885	53,937	57,922	37,817
2,4-D	5,134	3,952	2,304	2,562	3,377	1,466	2,824	7,405	33,344	24,809
2,4-D, 2-ETHYLHEXYL ESTER	8,460	6,919	10,260	22,426	20,642	21,360	15,303	8,362	15,047	8,902
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL AMINES)	5,711	359	264	630	1,475	403	6	23	55	270
2,4-D, BUTOXYETHANOL ESTER	7,158	5,633	2,655	2,539	3,835	2,950	1,600	1,297	3,648	5,104
2,4-D, BUTOXYPROPYL ESTER	5	8	0	0	0	0	<1	0	<1	0
2,4-D, BUTYL ESTER	24	0	101	<1	0	8	1	10	0	6
2,4-D, DIETHANOLAMINE SALT	49,377	27,705	36,290	39,046	22,729	18,739	13,826	13,339	19,085	18,931
2,4-D, DIMETHYLAMINE SALT	495,954	475,796	491,242	595,235	553,369	567,143	523,912	487,361	543,863	515,216
2,4-D, DODECYLAMINE SALT	0	262	276	0	0	0	0	0	0	0
2,4-D, HEPTYLAMINE SALT	0	0	<1	0	0	0	0	0	0	0
2,4-D, ISOOCTYL ESTER	5,711	16,375	6,964	9,476	7,502	6,532	7,638	7,143	4,708	2,249
2,4-D, ISOPROPYL ESTER	103,938	88,849	108,908	116,840	117,870	144,377	146,090	137,055	135,797	131,210
2,4-D, N-OLEYL-1,3-PROPYLENEDIAMINE SALT	<1	0	0	0	0	0	0	0	0	0
2,4-D, OCTYL ESTER	0	0	0	0	0	0	0	0	0	0
2,4-D, PROPYL ESTER	11,278	5,200	7,468	5,509	8,680	5,261	5,660	3,348	1,955	1,750
2,4-D, TETRADECYLAMINE SALT	0	262	276	0	0	0	0	0	0	0
2,4-D, TRIETHYLAMINE SALT	1,391	1,257	688	1,035	677	243	815	473	679	740
2,4-D, TRIISOPROPANOLAMINE SALT	0	0	<1	5	209	396	392	108	952	541
2,4-D, TRIISOPROPYLAMINE SALT	0	<1	<1	<1	0	0	<1	204	<1	<1
ACROLEIN	872	1,409	2,206	642	575	73	18	141	1,027	1,497
ALUMINUM PHOSPHIDE	64,112	67,422	70,367	73,869	74,762	63,289	79,951	84,963	80,989	110,658
ARSENIC ACID	<1	<1	<1	<1	<1	<1	<1	0	0	0
ARSENIC PENTOXIDE	709,893	56	<1	<1	48	<1	<1	<1	<1	<1
ARSENIC TRIOXIDE	<1	<1	0	<1	<1	1	<1	<1	<1	<1
CAPTAN	309,989	215,969	215,412	271,140	211,028	252,040	262,936	215,787	198,022	171,468
CAPTAN, OTHER RELATED	309,337	215,958	215,362	270,968	209,571	251,846	262,860	215,152	197,855	171,418
CARBARYL	196,083	147,612	106,616	97,811	103,261	99,086	87,791	97,016	95,982	105,624
CHLORINE	37,220	95	150	650	2,137	<1	431	1,201	14,414	24,644
CHROMIC ACID	709,893	56	<1	<1	<1	<1	<1	<1	<1	<1
DAZOMET	223	224	136	326	298	113	124	700	183	301
DDVP	2,336	3,954	4,327	2,576	1,637	7,445	1,526	2,733	2,231	2,685
ENDOSULFAN	165,341	177,030	162,460	156,711	180,387	97,745	111,338	56,627	64,695	48,410

Table 13: (continued) *The reported cumulative acres treated with pesticides that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ETHYLENE OXIDE	41	<1	0	0	0	0	0	<1	2	60
FORMALDEHYDE	47	53	33	18	23	2	265	57	67	5
HYDROGEN CHLORIDE	<1	27	590	273	1	17	18	4	1,865	2,282
LINDANE	14,640	13,832	8,010	8,828	9,437	557	9	0	37	10
MAGNESIUM PHOSPHIDE	46	373	7	167	1	23	29	6	143	32
MANCOZEB	363,306	228,275	197,196	276,093	194,219	370,266	348,360	212,354	169,422	145,248
MANEB	611,748	535,105	554,904	660,011	601,360	730,254	675,941	655,235	558,506	492,946
META-CRESOL	3,142	517	267	244	288	164	50	54	38	107
METAM-SODIUM	146,847	125,417	141,415	142,406	128,427	97,562	102,451	78,030	71,815	72,861
METHANOL	14	0	0	0	0	0	0	0	0	0
METHIDATHION	71,837	64,785	48,554	38,516	45,281	37,751	34,786	37,301	43,010	54,188
METHOXYCHLOR	197	88	24	<1	44	26	395	43	0	75
METHOXYCHLOR, OTHER RELATED	0	<1	0	0	<1	<1	0	0	0	0
METHYL BROMIDE	75,839	60,892	53,140	55,254	57,385	45,700	50,677	45,675	35,685	39,511
METHYL ISOTHIOCYANATE	<1	<1	<1	<1	<1	<1	<1	<1	0	0
METHYL PARATHION	43,773	39,449	37,514	51,252	48,640	49,771	51,184	45,173	21,574	14,979
METHYL PARATHION, OTHER RELATED	43,501	39,209	37,244	51,177	48,609	49,644	50,762	45,165	21,331	14,834
NAPHTHALENE	0	<1	20	<1	0	2	0	0	0	0
PARA-DICHLOROBENZENE	<1	<1	<1	<1	<1	<1	0	<1	0	<1
PARATHION	3,909	2,977	7,026	1,006	392	717	713	414	101	195
PCNB	28,649	25,832	9,533	7,759	3,817	3,001	1,496	1,764	1,656	1,329
PCP, OTHER RELATED	59	38	<1	<1	20	3	0	10	46	0
PCP, SODIUM SALT	0	<1	0	0	0	0	0	<1	0	0
PCP, SODIUM SALT, OTHER RELATED	0	0	0	0	0	0	0	<1	0	0
PENTACHLOROPHENOL	59	38	<1	<1	20	3	0	10	46	0
PHENOL	5	501	0	25	310	239	<1	0	0	15
PHOSPHINE	0	<1	<1	<1	349	22	23	3	1,751	50
PHOSPHORUS	2,847	252	<1	<1	<1	23	<1	10	<1	<1
POTASSIUM N-METHYLDITHIOCARBAMATE	534	2,321	9,073	12,887	10,229	19,670	27,299	42,988	56,009	38,251
POTASSIUM PERMANGANATE	0	0	0	0	0	0	0	0	0	5
PROPOXUR	26	4	23	1	7	8	<1	<1	10	356
PROPYLENE OXIDE	<1	<1	<1	<1	22	185	20	<1	12	<1
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	282,844	187,153	129,570	158,604	133,535	74,538	52,330	31,408	10,850	4,939
SODIUM CYANIDE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SODIUM DICHROMATE	<1	<1	<1	<1	0	0	0	0	0	0
SODIUM TETRATHIOCARBONATE	21,002	13,574	11,558	6,832	8,497	7,977	6,170	11,485	10,725	6,860
SULFURYL FLUORIDE	4	<1	<1	50	2	<1	78	9	57	361

Table 13: (continued) *The reported cumulative acres treated with pesticides that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
TRIFLURALIN	1,039,430	800,893	944,407	903,654	920,545	886,258	901,629	772,753	556,256	489,126
XYLENE	6,208	9,665	4,533	7,502	3,375	2,722	1,824	2,021	1,418	1,387
ZINC PHOSPHIDE	16,349	11,069	7,234	8,387	14,150	9,038	15,284	9,301	11,478	14,502
TOTAL	4,875,803	3,352,494	3,388,615	3,735,305	3,516,643	3,655,334	3,566,012	3,110,186	2,802,686	2,567,872

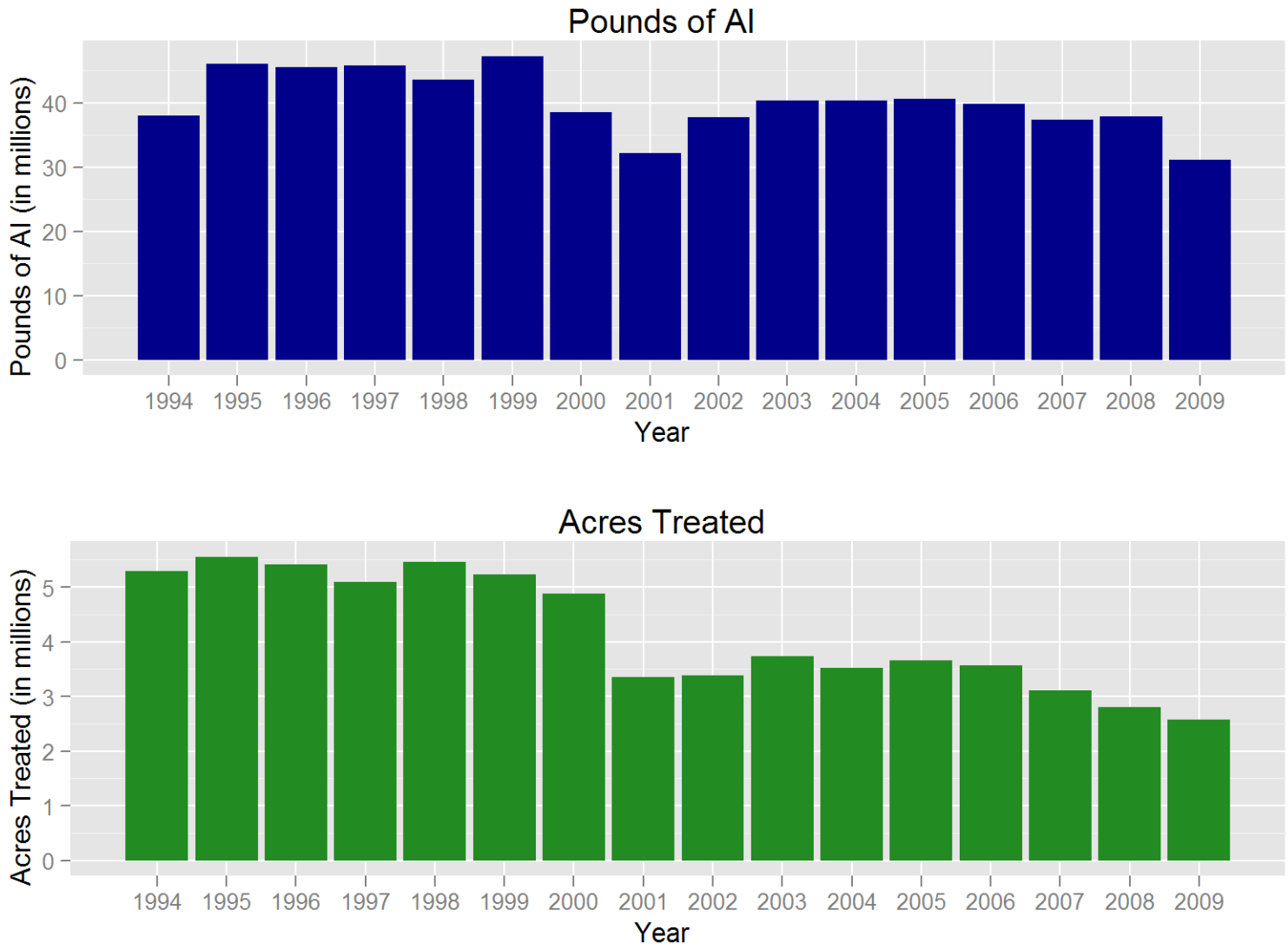

Figure 5: *Use trends of pesticides that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860. Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF PESTICIDES THAT ARE FUMIGANTS.

Table 14: *The reported pounds of pesticides used that are fumigants. Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1,2-DICHLOROPROPANE, 1,3-DICHLOROPROPENE AND RELATED C3 COMPOUNDS	87	110	331	393	22	0	182	10,532	0	0
1,3-DICHLOROPROPENE	4,465,422	4,141,173	5,413,807	7,003,873	8,945,145	9,355,308	8,733,270	9,594,517	9,704,804	6,236,556
ALUMINUM PHOSPHIDE	119,784	99,856	169,218	119,512	131,303	135,751	150,555	104,840	132,296	156,241
CARBON TETRACHLORIDE	111	2	5	1	<1	0	0	180	1,980	<1
CHLOROPICRIN	3,800,497	4,276,413	4,670,246	4,926,181	5,139,168	4,869,572	5,035,246	5,494,541	5,585,791	5,685,770
DAZOMET	10,981	44,299	45,020	34,848	58,492	48,263	34,310	37,537	40,272	57,283
ETHYLENE DIBROMIDE	147	2,593	<1	<1	3	0	0	3	127	<1
ETHYLENE DICHLORIDE	3	4	11	0	1	0	0	0	<1	0
ETHYLENE OXIDE	6	3	0	0	0	0	0	2	3	7
MAGNESIUM PHOSPHIDE	3,550	2,492	4,824	2,844	2,621	3,156	3,931	4,984	10,507	7,957
METAM-SODIUM	13,143,954	12,562,799	15,116,768	14,822,689	14,698,228	12,991,279	11,422,382	9,923,453	9,489,335	8,824,058
METHYL BROMIDE	10,930,893	6,625,336	7,008,644	7,289,389	7,105,612	6,504,576	6,541,159	6,438,044	5,693,325	5,575,446
PHOSPHINE	0	44	901	1,141	1,664	2,688	2,774	5,262	48,243	263,667
POTASSIUM N-METHYLDITHIOCARBAMATE	105,364	464,882	1,175,168	1,911,698	851,181	1,994,072	3,202,884	3,785,436	5,524,647	4,102,241
PROPYLENE OXIDE	118,381	99,727	99,674	99,396	151,484	147,324	133,028	109,936	105,600	111,609
SODIUM TETRATHIOCARBONATE	596,028	375,487	352,342	212,308	259,542	330,886	171,194	386,876	354,294	237,286
SULFURYL FLUORIDE	2,428,345	2,585,680	3,047,882	3,138,687	3,270,698	3,394,126	2,880,853	2,152,451	2,120,860	2,161,004
ZINC PHOSPHIDE	1,609	1,116	981	1,253	1,924	2,371	3,794	3,215	1,299	20,893
TOTAL	35,725,162	31,282,017	37,105,823	39,564,213	40,617,089	39,779,372	38,315,562	38,051,808	38,813,385	33,440,019

Table 15: *The reported cumulative acres treated with pesticides that are fumigants. Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1,2-DICHLOROPROPANE, 1,3-DICHLOROPROPENE AND RELATED C3 COMPOUNDS	136	370	44	45	9	0	32	108	0	0
1,3-DICHLOROPROPENE	33,244	30,817	42,172	48,944	56,618	51,486	49,885	53,937	57,922	37,817
ALUMINUM PHOSPHIDE	64,112	67,422	70,367	73,869	74,762	63,289	79,951	84,963	80,989	110,658
CARBON TETRACHLORIDE	20	<1	<1	<1	<1	0	0	<1	161	<1
CHLOROPICRIN	58,139	60,083	53,786	51,791	53,737	50,272	51,191	51,512	53,452	47,072
DAZOMET	223	224	136	326	298	113	124	700	183	301
ETHYLENE DIBROMIDE	21	52	<1	<1	<1	0	0	<1	<1	<1
ETHYLENE DICHLORIDE	<1	<1	<1	0	<1	0	0	0	160	0
ETHYLENE OXIDE	41	<1	0	0	0	0	0	<1	2	60
MAGNESIUM PHOSPHIDE	46	373	7	167	1	23	29	6	143	32
METAM-SODIUM	146,847	125,417	141,415	142,406	128,427	97,562	102,451	78,030	71,815	72,861
METHYL BROMIDE	75,839	60,892	53,140	55,254	57,385	45,700	50,677	45,675	35,685	39,511
PHOSPHINE	0	<1	<1	<1	349	22	23	3	1,751	50
POTASSIUM N-METHYLDITHIOCARBAMATE	534	2,321	9,073	12,887	10,229	19,670	27,299	42,988	56,009	38,251
PROPYLENE OXIDE	<1	<1	<1	<1	22	185	20	<1	12	<1
SODIUM TETRATHIOCARBONATE	21,002	13,574	11,558	6,832	8,497	7,977	6,170	11,485	10,725	6,860
SULFURYL FLUORIDE	4	<1	<1	50	2	<1	78	9	57	361
ZINC PHOSPHIDE	16,349	11,069	7,234	8,387	14,150	9,038	15,284	9,301	11,478	14,502
TOTAL	360,635	315,720	341,296	356,352	356,814	300,847	337,084	333,549	333,467	327,668

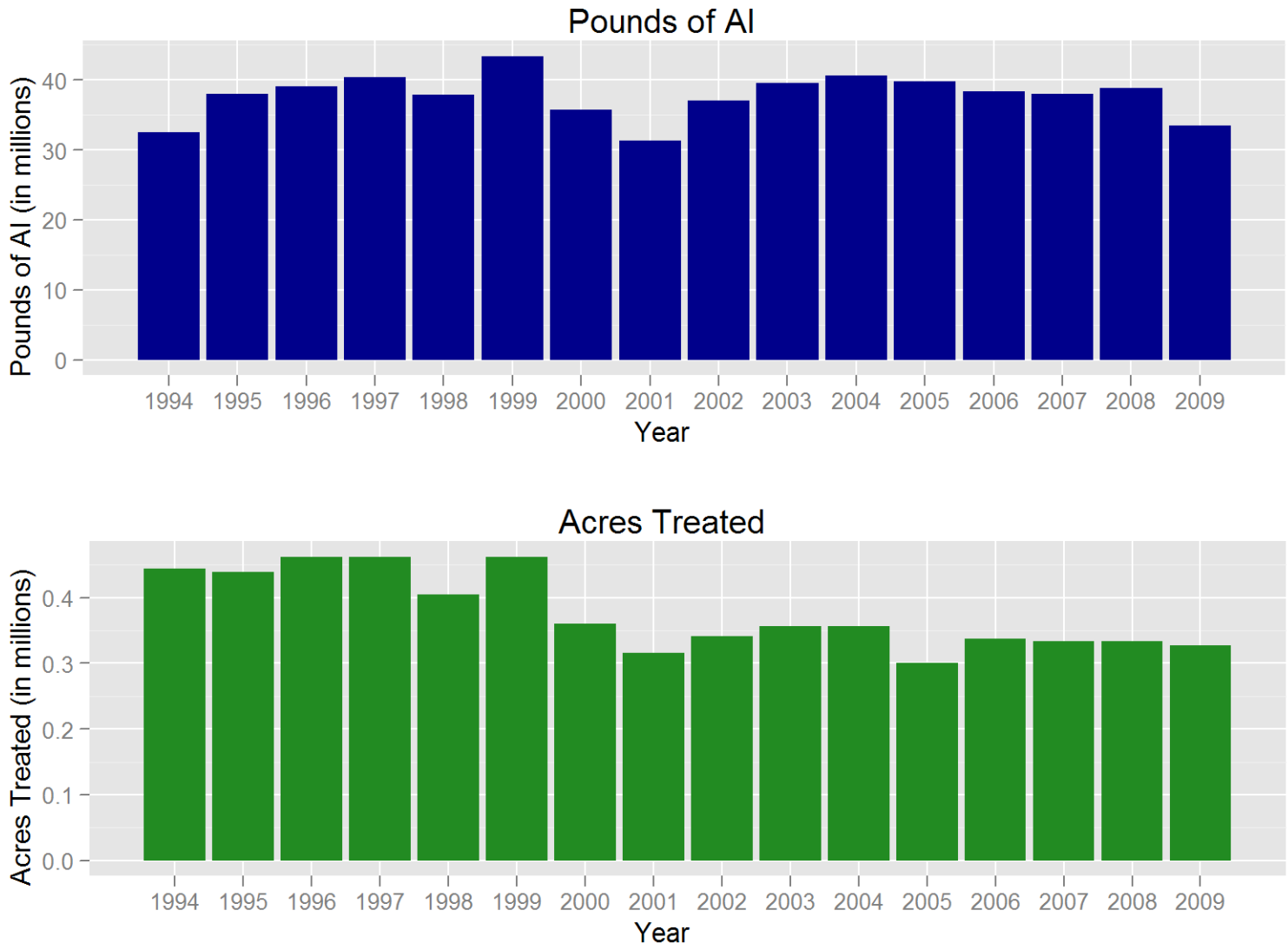

Figure 6: *Use trends of pesticides that are fumigants. Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF PESTICIDES OILS.

Table 16: *The reported pounds of pesticides used that are oils. As a broad group, oil pesticides and other petroleum distillates are on U.S. EPA's list of B2 carcinogens or the State's Proposition 65 list of chemicals "known to cause cancer." However, these classifications do not distinguish among oil pesticides that may not qualify as carcinogenic due to their degree of refinement. Many such oil pesticides also serve as alternatives to high-toxicity chemicals. For this reason, oil pesticide data was classified separately in this report. Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
COAL TAR HYDROCARBONS	0	50	<1	0	0	0	0	0	0	0
HYDROTREATED PARAFFINIC SOLVENT	102,361	189,538	206,552	283,768	320,019	244,114	252,134	274,358	247,676	234,444
ISOPARAFFINIC HYDROCARBONS	65,032	45,763	22,479	23,707	30,125	31,183	18,997	16,859	11,250	12,367
KEROSENE	84,654	49,037	20,973	17,144	14,243	7,983	11,373	12,137	22,269	148,356
MINERAL OIL	5,866,245	5,405,244	7,341,195	9,250,426	9,939,325	10,613,463	12,385,824	12,841,935	12,265,171	11,601,846
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT REFINED LIGHT	0	0	0	0	0	0	169	139	219	124
NAPHTHA, HEAVY AROMATIC	0	29	0	2	53	0	0	0	0	0
PETROLEUM DERIVATIVE RESIN	3	1	<1	1	1	4	5	0	0	1
PETROLEUM DISTILLATES	2,289,550	1,730,640	1,120,617	828,663	714,744	609,729	297,049	342,854	504,035	502,291
PETROLEUM DISTILLATES, ALIPHATIC	<1	7	49,237	15,163	30,638	34,152	34,017	18,323	16,390	10,460
PETROLEUM DISTILLATES, AROMATIC	10,610	2,851	6,182	2,916	5,486	2,092	2,136	1,160	367	103
PETROLEUM DISTILLATES, REFINED	927,849	846,418	318,728	371,411	1,023,900	779,702	1,175,944	1,237,632	1,487,043	1,219,739
PETROLEUM HYDROCARBONS	8,051	3,185	1,019	985	642	956	1,574	1,407	184	130
PETROLEUM NAPHTHENIC OILS	3	91	325	208	24	48	158	240	248	254
PETROLEUM OIL, PARAFFIN BASED	371,181	418,474	281,516	364,770	433,848	405,894	558,255	505,002	506,839	984,117
PETROLEUM OIL, UNCLASSIFIED	17,989,907	13,668,208	15,929,777	15,527,171	15,932,497	16,232,606	18,241,502	13,418,833	13,583,475	12,229,753
PETROLEUM SULFONATES	1	<1	<1	0	0	0	<1	<1	<1	0
TOTAL	27,715,447	22,359,538	25,298,602	26,686,335	28,445,546	28,961,925	32,979,137	28,670,881	28,645,166	26,943,985

Table 17: *The reported cumulative acres treated with pesticides that are oils. As a broad group, oil pesticides and other petroleum distillates are on U.S. EPA's list of B2 carcinogens or the State's Proposition 65 list of chemicals "known to cause cancer." However, these classifications do not distinguish among oil pesticides that may not qualify as carcinogenic due to their degree of refinement. Many such oil pesticides also serve as alternatives to high-toxicity chemicals. For this reason, oil pesticide data was classified separately in this report. Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
COAL TAR HYDROCARBONS	0	<1	<1	0	0	0	0	0	0	0
HYDROTREATED PARAFFINIC SOLVENT	124,688	192,296	220,789	306,243	327,022	252,863	270,421	261,415	226,988	223,668
ISOPARAFFINIC HYDROCARBONS	134,149	92,768	53,847	56,120	67,795	55,920	39,757	27,903	19,228	21,887
KEROSENE	227,734	199,672	194,210	291,162	264,266	314,821	348,522	254,279	284,440	297,597
MINERAL OIL	204,621	226,195	246,310	337,986	407,046	478,445	596,338	816,214	857,136	977,582
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT REFINED LIGHT	0	0	0	0	0	0	959	522	1,010	850
NAPHTHA, HEAVY AROMATIC	0	10	0	<1	<1	0	0	0	0	0
PETROLEUM DERIVATIVE RESIN	<1	<1	<1	<1	<1	10	<1	0	0	<1
PETROLEUM DISTILLATES	283,564	221,743	210,498	237,198	244,673	171,158	180,495	280,747	422,253	245,863
PETROLEUM DISTILLATES, ALIPHATIC	<1	5,104	44,494	26,131	25,904	22,723	34,136	31,441	28,159	30,870
PETROLEUM DISTILLATES, AROMATIC	6,299	1,900	3,935	1,808	519	385	658	383	107	225
PETROLEUM DISTILLATES, REFINED	42,145	48,446	35,413	39,830	79,589	117,570	200,933	231,860	288,363	257,990
PETROLEUM HYDROCARBONS	2,777	4,029	3,269	2,869	108	430	260	546	334	267
PETROLEUM NAPHTHENIC OILS	<1	5,118	13,241	11,314	2,484	358	11,125	17,950	18,093	22,435
PETROLEUM OIL, PARAFFIN BASED	466,132	448,032	417,941	488,928	555,670	605,289	724,671	738,037	658,709	614,256
PETROLEUM OIL, UNCLASSIFIED	771,039	572,825	657,135	615,742	653,743	717,903	807,931	674,659	702,988	691,988
PETROLEUM SULFONATES	10	<1	<1	0	0	0	<1	<1	<1	0
TOTAL	2,263,136	2,007,065	2,080,932	2,395,024	2,621,876	2,734,754	3,202,318	3,315,954	3,487,383	3,361,587

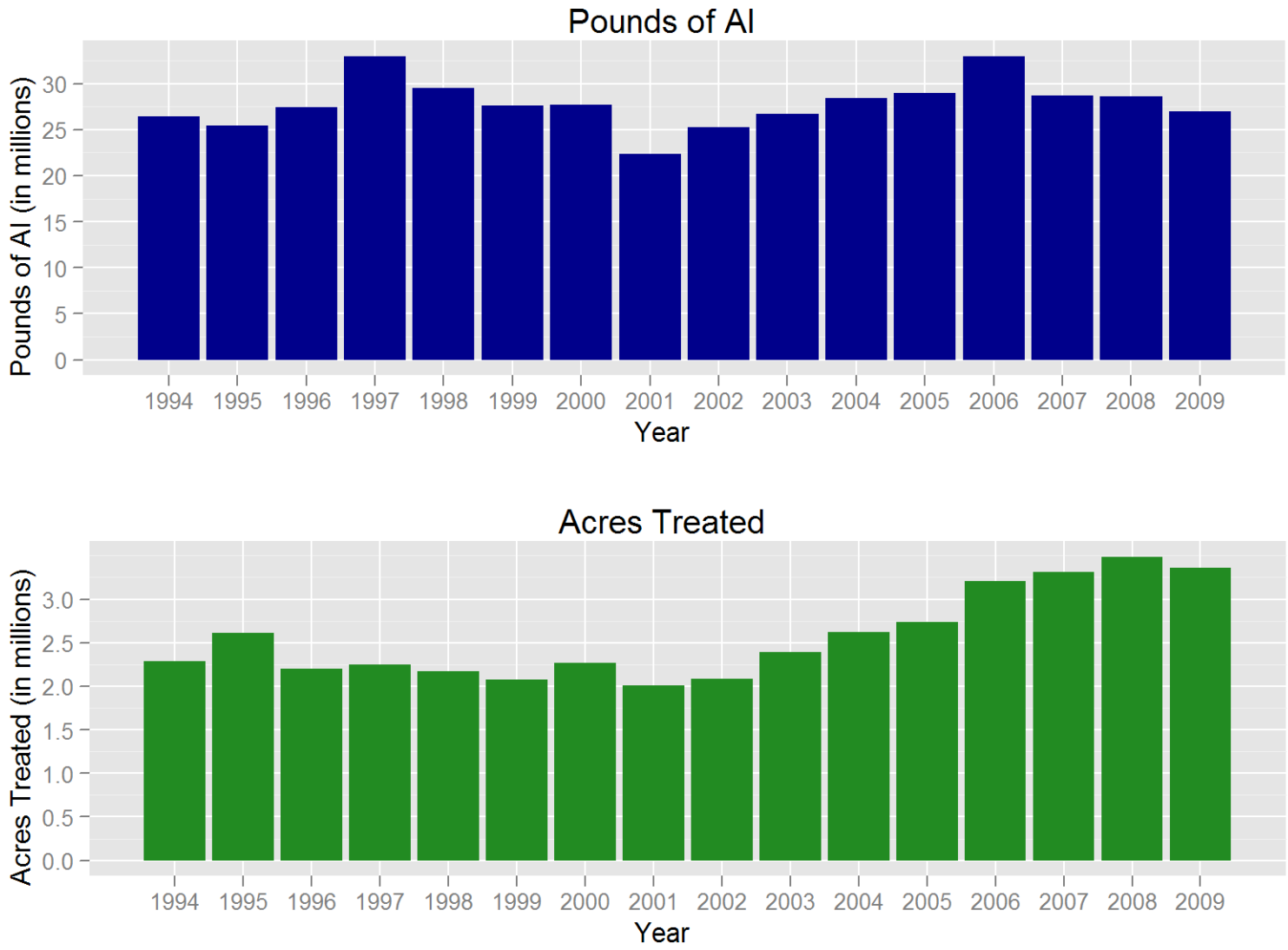

Figure 7: *Use trends of pesticides that are oils. Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

USE TRENDS OF BIOPESTICIDE PESTICIDES.

Table 18: *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones). Use includes both agricultural and reportable non-agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
(3S, 6R)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE	0	0	0	1	<1	<1	<1	0	0	<1
(3S, 6S)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE	0	0	0	<1	<1	<1	<1	0	0	<1
(E)-4-TRIDECEN-1-YL-ACETATE	263	182	247	254	131	68	103	113	176	80
(E)-5-DECENOL	5	2	2	295	5	<1	4	2	2	1
(E)-5-DECENYL ACETATE	26	9	12	889	23	<1	17	7	8	4
(E,E)-9, 11-TETRADECADIEN-1-YL ACETATE	0	0	0	0	0	0	0	39	28	11
(R,Z)-5-(1-DECENYL) DIHYDRO-2-(3H)-FURANONE	<1	0	0	0	<1	<1	0	0	0	0
(S)-KINOPRENE	245	311	327	418	359	289	201	235	252	276
(Z)-11-HEXADECEN-1-YL ACETATE	0	0	35	10	10	5	6	2	0	681
(Z)-11-HEXADECENAL	0	0	35	10	10	5	6	2	0	0
(Z)-4-TRIDECEN-1-YL-ACETATE	9	6	8	8	4	2	3	4	6	3
(Z)-9-DODECENYL ACETATE	0	0	0	0	0	<1	<1	1	<1	<1
(Z,E)-7,11-HEXADECADIEN-1-YL ACETATE	3	13	2	0	0	0	0	0	<1	3
(Z,Z)-11,13-HEXADECADIENAL	0	0	0	0	0	0	0	<1	<1	0
(Z,Z)-7,11-HEXADECADIEN-1-YL ACETATE	3	<1	3	0	0	0	0	0	0	3
1,7-DIOXASPIRO-(5,5)-UNDECANE	0	0	0	<1	0	<1	<1	<1	<1	<1
1-DECANOL	<1	<1	0	0	0	0	0	0	0	0
1-METHYLCYCLOPROPENE	0	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-NAPHTHALENEACETAMIDE	217	213	88	119	113	55	30	49	55	32
3,13 OCTADECADIEN-1-YL ACETATE	0	0	0	0	0	0	0	0	44	0
3,7-DIMETHYL-6-OCTEN-1-OL	0	0	0	0	0	0	0	0	1	5
ACETIC ACID	1	<1	<1	<1	<1	<1	0	1	21	79
AGROBACTERIUM RADIOBACTER	179	114	144	211	183	27	291	371	32	142
AGROBACTERIUM RADIOBACTER, STRAIN K1026	<1	<1	1	<1	<1	<1	6	<1	<1	1
ALLYL ISOTHIOCYANATE	<1	<1	<1	<1	<1	<1	<1	0	0	0
ALMOND, BITTER	0	0	0	0	0	0	<1	<1	<1	<1
AMINO ETHOXY VINYL GLYCINE HYDROCHLORIDE	<1	1	1	0	0	24	703	894	1,073	541

Table 18: (continued) *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AMMONIUM BICARBONATE	0	0	0	10	0	<1	2	7	2	<1
AMPELOMYCES QUISQUALIS	4	2	<1	<1	<1	<1	<1	<1	0	<1
ANIMAL GLAND EXTRACTS	0	44	0	0	0	0	0	0	0	0
ASPERGILLUS FLAVUS STRAIN AF36	0	0	0	0	0	<1	0	0	0	0
AZADIRACHTIN	1,215	1,523	1,474	1,366	2,915	1,340	2,407	2,224	2,246	2,479
BACILLUS PUMILUS, STRAIN QST 2808	0	0	0	<1	2	3,546	5,636	6,981	8,138	6,986
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362	2,749	7,941	4,667	10,158	14,187	34,154	45,430	20,192	21,441	17,774
BACILLUS SUBTILIS GB03	<1	1	4	5	7	15	14	6	1	<1
BACILLUS THURINGIENSIS (BERLINER)	76	115	16	11	12	16	35	27	16	4
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, GC-91 PROTEIN	4,419	3,953	3,980	5,024	4,088	11,255	9,377	20,474	20,484	27,539
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, SEROTYPE H-7	9,067	5,511	3,889	7,548	3,014	2,335	1,752	2,877	2,361	893
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENSIS, SEROTYPE H-14	88,039	24,711	8,226	11,327	9,251	11,864	14,309	8,259	9,433	16,741
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI STRAIN SA-12	7,375	7,132	23,432	27,174	16,576	16,580	16,042	22,702	12,325	12,128
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	14,478	31,046	3,423	6,161	3,916	1,931	2,272	987	460	402
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN EG 2348	2,140	2,743	1,481	222	107	211	281	147	369	118
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN EG2371	139	58	19	39	2	5	1	0	0	0
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11	10,548	13,540	22,282	19,683	20,348	53,051	54,234	63,851	66,612	80,461
BACILLUS THURINGIENSIS (BERLINER), SUBSP. SAN DIEGO	18	8	1	2	1	<1	2	2	0	<1
BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI STRAIN BMP 123	33	79	164	130	10	1	3	0	764	118

Table 18: (continued) *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI, GENETICALLY ENGINEERED STRAIN EG7841 LEPIDOPTERAN ACTIVE TOXIN	16,773	8,739	681	1,503	344	338	3,872	632	277	42
BACILLUS THURINGIENSIS VAR. KURSTAKI STRAIN M-200	<1	<1	0	<1	0	0	0	<1	0	<1
BACILLUS THURINGIENSIS VAR. KURSTAKI, GENETICALLY ENGINEERED STRAIN EG7826	6,482	14,734	439	1,527	930	1,919	1,384	154	442	95
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN ABTS-1857	0	0	10,540	21,956	27,075	33,336	28,878	32,526	39,464	30,891
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN SD-1372, LEPIDOPTERAN ACTIVE TOXIN(S)	158	498	1,322	562	347	315	432	563	256	244
BACILLUS THURINGIENSIS, SUBSP. ISRAELENSIS, STRAIN AM 65-52	0	271	9,485	29,326	23,001	41,734	59,018	40,376	52,969	53,432
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES	0	3,021	15,491	38,034	46,754	57,985	53,346	70,079	78,527	69,484
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1	22,309	17,828	10,655	7,173	4,731	3,185	6,139	2,261	2,068	3,743
BACILLUS THURINGIENSIS, VAR. KURSTAKI DELTA ENDOTOXINS CRY 1A(C) AND CRY 1C (GENETICALLY ENGINEERED) ENCAPSULATED IN PSEUDOMONAS FLUORESCENS (KILLED)	7,166	2,211	258	54	5	3	<1	1	26	28
BEAUVERIA BASSIANA STRAIN GHA	915	678	1,041	715	863	824	570	711	569	369
BUFFALO GOURD ROOT POWDER	0	0	0	0	0	0	0	137	279	1
CANDIDA OLEOPHILA ISOLATE I-182	0	0	0	0	0	0	0	0	0	0
CANOLA OIL	1	5	<1	1	4	1	4	29	25	17
CAPSICUM OLEORESIN	3	73	3	5	49	2	2	10	5	2
CASTOR OIL	557	297	504	1,281	363	79	37	4	4	21
CHENOPODIUM AMBROSIODES NEAR AMBROSIODES	0	0	0	0	0	0	0	0	0	20,934
CHITOSAN	0	0	0	0	<1	0	0	0	0	0
CINNAMALDEHYDE	10,334	4,704	806	238	326	34	12	3	354	0

Table 18: (continued) *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	110,342	83,664	301,512	60,498	84,880	111,921	95,441	110,306	104,822	104,598
CODLING MOTH GRANULOSIS VIRUS	0	0	0	0	0	0	<1	<1	<1	<1
CONIOTHYRIUM MINITANS STRAIN CON/M/91-08	0	0	103	171	198	6	11	6	0	127
CORN GLUTEN MEAL	4,614	2,744	1,430	8	18	2	1	0	<1	0
CORN SYRUP	0	0	0	0	0	0	0	81	1,893	2,891
CYTOKININ	<1	<1	0	<1	0	0	0	0	0	0
DIHYDRO-5-HEPTYL-2(3H)-FURANONE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DIHYDRO-5-PENTYL-2(3H)-FURANONE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
E,E-8,10-DODECADIEN-1-OL	7,091	6,390	5,107	1,802	1,113	2,193	2,126	2,203	2,030	1,422
E-11-TETRADECEN-1-YL ACETATE	397	65	122	132	91	79	99	2,397	744	311
E-8-DODECENYL ACETATE	170	73	61	113	122	110	225	229	265	752
ENCAPSULATED DELTA ENDOTOXIN OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN KILLED PSEUDOMONAS FLUORESCENS	17,792	6,442	2,948	445	114	7	6	32	18	18
ENCAPSULATED DELTA ENDOTOXIN OF BACILLUS THURINGIENSIS VAR. SAN DIEGO IN KILLED PSEUDOMONAS FLUORESCENS	6	1	6	0	2	1	0	0	0	0
ESSENTIAL OILS	<1	<1	<1	<1	1	<1	4	<1	0	<1
ETHYLENE	6	6	3	24	32	0	0	0	0	0
EUCALYPTUS OIL	0	0	0	0	0	50	<1	0	0	0
EUGENOL	<1	0	0	0	3	<1	<1	0	0	0
FARNESOL	37	15	10	9	7	10	4	2	2	3
FENUGREEK	0	0	0	0	0	0	5	31	6	12
FORMIC ACID	0	0	0	0	0	0	1	1,509	499	275
GAMMA AMINOBUTYRIC ACID	<1	23	3,102	6,077	8,402	8,081	4,201	1,739	944	177
GARLIC	897	1,490	667	295	174	203	89	142	212	36
GERANIOL	0	0	0	0	0	0	<1	0	1	5
GERMAN COCKROACH PHEROMONE	0	0	<1	<1	<1	<1	<1	<1	<1	<1
GIBBERELLINS	21,009	19,435	24,946	20,415	20,372	23,443	22,916	22,694	23,516	22,800
GIBBERELLINS, POTASSIUM SALT	<1	1	<1	<1	1	<1	15	<1	<1	0
GLIOCLADIUM VIRENS GL-21 (SPORES)	60	314	110	48	30	19	1	152	945	356
GLUTAMIC ACID	<1	23	3,102	6,077	8,402	8,081	4,201	1,739	944	177
HARPIN PROTEIN	0	77	314	208	147	118	60	32	16	14
HYDROGEN PEROXIDE	82	1,754	2,713	2,618	2,822	5,552	17,524	11,860	20,740	21,396
HYDROPRENE	1,703	1,380	1,656	1,043	1,309	2,910	11,970	2,282	2,383	1,642

Table 18: (continued) *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
IBA	34	18	16	13	19	11	31	20	11	6
IRON PHOSPHATE	344	617	545	859	1,256	1,645	1,484	1,633	1,901	1,423
LACTOSE	3,702	3,125	3,346	3,123	3,915	7,852	10,664	8,855	11,341	9,160
LAGENIDIUM GIGANTEUM (CALIFORNIA STRAIN)	0	1	0	0	58	<1	0	<1	<1	0
LAURYL ALCOHOL	942	302	249	257	295	873	386	466	830	432
LAVANDULYL SENECIOATE	0	0	0	0	0	0	0	0	140	462
LIMONENE	47,165	40,703	37,393	28,072	14,349	45,877	32,843	68,949	45,536	56,411
LINALOOL	197	173	274	280	174	176	170	113	63	62
MENTHOL	43	0	0	58	0	93	<1	0	0	0
METARHIZIUM ANISOPLIAE, VAR. ANISOPLIAE, STRAIN ESF1	18	15	22	<1	<1	<1	<1	<1	<1	0
METHOPRENE	14,312	2,483	5,117	7,875	8,874	9,900	6,941	3,357	2,620	1,564
METHYL ANTHRANILATE	50	37	85	34	534	151	449	152	118	312
METHYL SALICYLATE	0	<1	0	0	0	0	<1	<1	0	<1
MONTOK PEPPER	<1	0	0	<1	0	0	0	0	0	0
MUSCALURE	3	2	1	11	10	14	15	22	19	20
MYRISTYL ALCOHOL	192	62	51	52	60	177	79	95	169	88
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255	20,869	45,917	36,104	47,037	39,789	27,977	25,039	29,951	23,867	23,273
N6-BENZYL ADENINE	105	56	35	53	174	124	446	198	153	165
NAA	35	10	6	5	9	13	9	4	31	3
NAA, AMMONIUM SALT	1,772	1,617	1,796	1,758	1,356	1,543	1,100	1,253	1,193	1,203
NAA, ETHYL ESTER	48	7	13	15	1	3	1	2	8	3
NAA, SODIUM SALT	<1	11	4	22	10	8	3	3	1	2
NEROLIDOL	30	12	8	7	6	8	3	2	2	6
NITROGEN, LIQUIFIED	391,469	478,466	561,505	321,182	79,369	82,298	57,121	15,741	11,945	2,181
NONANOIC ACID	12,580	14,890	11,559	7,886	7,224	8,845	11,138	10,949	11,093	5,573
NONANOIC ACID, OTHER RELATED	662	784	608	415	380	466	586	576	584	293
NOSEMA LOCUSTAE SPORES	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
OIL OF ANISE	0	<1	<1	<1	<1	<1	<1	<1	<1	0
OIL OF BERGAMOT	0	0	0	0	0	0	<1	0	0	0
OIL OF CEDARWOOD	0	0	0	0	0	0	0	0	0	0
OIL OF CITRONELLA	1	33	0	10	0	<1	<1	<1	3	0
OIL OF CITRUS	0	0	0	0	0	<1	0	0	0	0
OIL OF JOJOBA	228	1,397	1,386	1,417	3,031	3,540	9,572	7,238	12,070	3,418
OIL OF LEMONGRASS	0	0	0	2	0	<1	<1	0	0	0
OIL OF MUSTARD	0	0	0	0	0	0	0	0	0	0
OIL OF PEPPERMINT	0	<1	0	<1	<1	<1	0	<1	<1	0

Table 18: (continued) *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OXYPURINOL	<1	<1	0	0	0	<1	0	<1	0	0
PAECILOMYCES FUMOSOROSEUS APOPKA STRAIN 97	0	5	0	0	0	0	0	0	0	0
PANTOEA AGGLOMERANS STRAIN E325, NRRL B-21856	0	0	0	0	0	0	0	0	0	33
PERFUME	0	0	0	0	<1	0	0	0	0	0
POLYHEDRAL OCCLUSION BODIES (OB'S) OF THE NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA (CORN EARWORM)	0	0	0	1	1	0	0	0	<1	1
POTASSIUM BICARBONATE	130,446	121,796	180,072	283,920	159,772	388,854	162,836	114,163	109,171	180,851
PROPYLENE GLYCOL	63,611	56,899	60,567	50,356	44,235	47,765	42,348	28,169	24,132	25,638
PSEUDOMONAS FLUORESCENS, STRAIN A506	103	1,102	1,361	1,972	841	896	1,004	614	390	324
PSEUDOMONAS SYRINGAE STRAIN ESC-11	0	0	<1	0	20	<1	<1	0	0	0
PSEUDOMONAS SYRINGAE, STRAIN ESC-10	0	0	0	0	0	0	<1	0	0	0
PUTRESCENT WHOLE EGG SOLIDS	112	140	184	186	110	60	69	20	1	143
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	882	7,201	18,957	17,323	16,619	14,039	17,135	16,976	16,703	16,138
QUILLAJA	0	0	0	0	0	0	83	272	1,183	407
REYNOUTRIA SACHALINENSIS	0	0	0	0	0	0	0	0	0	179
S-ABSCISIC ACID	0	0	0	0	0	0	0	0	7	66
S-METHOPRENE	371	366	867	762	530	1,138	1,391	1,726	3,520	3,187
SAWDUST	24	3	1	1	1	<1	2	<1	1	<1
SESAME OIL	0	0	0	0	0	0	35	883	529	851
SODIUM BICARBONATE	22	230	2,063	0	126	0	0	0	67	27
SODIUM LAURYL SULFATE	2	9	<1	<1	3	15	274	400	340	145
SOYBEAN OIL	40,963	27,651	31,726	33,006	50,301	20,587	70,398	14,747	12,005	28,359
STREPTOMYCES GRISEOVIRIDIS STRAIN K61	5	2	1	1	<1	<1	1	<1	<1	<1
STREPTOMYCES LYDICUS WYEC 108	0	0	0	0	0	0	<1	<1	<1	1
SUCROSE OCTANOATE	0	0	0	0	0	0	2	0	1,685	4,003
THYME	0	0	0	0	0	0	171	485	593	722
TRICHODERMA HARZIANUM RIFAI STRAIN KRL-AG2	125	116	55	43	37	16	24	38	20	11
VANILLIN	0	0	0	0	0	0	1	5	1	2
VEGETABLE OIL	102,994	94,164	110,241	133,680	248,679	208,860	256,605	154,128	270,375	187,210
XANTHINE	<1	<1	0	0	0	<1	0	<1	0	0

Table 18: (continued) *The reported pounds of pesticides used that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
XANTHOMONAS CAMPESTRIS PV. POANNUA	0	0	0	0	0	0	<1	0	0	0
YEAST	453	1,452	1,729	1,787	1,085	1,106	1,159	1,030	999	926
YUCCA SCHIDIGERA	0	0	0	0	0	0	0	0	5	145
Z,E-9,12-TETRADECADIEN-1-YL ACETATE	0	0	<1	0	0	0	0	1	0	6,149
Z-11-TETRADECEN-1-YL ACETATE	61	9	18	19	14	12	14	228	9	9
Z-8-DODECENOL	30	13	11	20	22	19	41	40	47	129
Z-8-DODECENYL ACETATE	2,645	1,127	935	1,738	1,875	1,693	3,398	3,542	4,055	11,523
Z-9-TETRADECEN-1-OL	0	0	<1	0	0	0	0	0	0	0
TOTAL	1,207,803	1,179,240	1,542,015	1,238,692	993,472	1,315,978	1,180,830	942,426	1,051,133	1,077,062

Table 19: *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones). Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
(3S, 6R)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE	0	0	0	15	86	1,604	1,484	0	0	3
(3S, 6S)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE	0	0	0	15	86	1,604	1,484	0	0	3
(E)-4-TRIDECEN-1-YL-ACETATE	12,531	9,159	11,739	10,902	5,555	3,226	4,870	5,193	7,672	3,942
(E)-5-DECENOL	784	1,316	1,206	1,360	809	70	385	737	262	118
(E)-5-DECENYL ACETATE	784	1,316	1,206	1,360	809	70	385	737	262	118
(E,E)-9, 11-TETRADECADIEN-1-YL ACETATE	0	0	0	0	0	0	0	22	956	3
(R,Z)-5-(1-DECENYL) DIHYDRO-2-(3H)-FURANONE	<1	0	0	0	15	<1	0	0	0	0
(S)-KINOPRENE	600	847	872	755	1,864	494	440	453	575	509
(Z)-11-HEXADECEN-1-YL ACETATE	0	0	1,053	476	365	164	183	116	0	1,622
(Z)-11-HEXADECENAL	0	0	1,053	476	365	164	423	72	0	0
(Z)-4-TRIDECEN-1-YL-ACETATE	12,531	9,159	11,739	10,902	5,555	3,226	4,870	5,193	7,672	3,942
(Z)-9-DODECENYL ACETATE	0	0	0	0	0	570	96	5,342	1,304	123
(Z,E)-7,11-HEXADECADIEN-1-YL ACETATE	171	128	87	0	0	0	0	0	1	81
(Z,Z)-11,13-HEXADECADIENAL	0	0	0	0	0	0	0	200	109	0
(Z,Z)-7,11-HEXADECADIEN-1-YL ACETATE	171	128	87	0	0	0	0	0	0	81
1,7-DIOXASPIRO-(5,5)-UNDECANE	0	0	0	313	0	49	4	55	<1	6
1-DECANOL	<1	<1	0	0	0	0	0	0	0	0
1-METHYLCYCLOPROPENE	0	3	<1	9	4	8	2	6	13	61
1-NAPHTHALENEACETAMIDE	4,135	3,690	1,705	2,354	2,201	1,100	666	927	870	607
3,13 OCTADECADIEN-1-YL ACETATE	0	0	0	0	0	0	0	0	85	0
3,7-DIMETHYL-6-OCTEN-1-OL	0	0	0	0	0	0	0	0	67	349
ACETIC ACID	3,618	1,182	1,146	734	290	60	0	10	2	226
AGROBACTERIUM RADIOBACTER	1,072	514	500	365	493	306	698	555	217	215
AGROBACTERIUM RADIOBACTER, STRAIN K1026	4	325	355	716	524	292	335	366	1,935	5,086
ALLYL ISOTHIOCYANATE	<1	0	<1	36	<1	20	<1	0	0	0
ALMOND, BITTER	0	0	0	0	0	0	328	2,068	87	398
AMINO ETHOXY VINYL GLYCINE HYDROCHLORIDE	1	6	10	0	0	229	6,453	9,238	10,253	5,591

Table 19: (continued) *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AMMONIUM BICARBONATE	0	0	0	313	0	49	4	55	<1	6
AMPELOMYCES QUISQUALIS	7,156	2,193	540	332	696	247	10	14	0	22
ANIMAL GLAND EXTRACTS	0	135	0	0	0	0	0	0	0	0
ASPERGILLUS FLAVUS STRAIN AF36	0	0	0	0	0	258	0	0	0	0
AZADIRACHTIN	71,394	73,876	92,145	79,581	64,488	55,657	68,244	91,385	86,813	81,911
BACILLUS PUMILUS, STRAIN QST 2808	0	0	0	1	4	34,748	64,333	79,802	91,795	75,500
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BACILLUS SUBTILIS GB03	<1	<1	<1	<1	379	23	3	2	5	2
BACILLUS THURINGIENSIS (BERLINER)	533	644	535	2	441	100	2,939	1,129	41	82
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, GC-91 PROTEIN	74,290	71,531	73,992	90,283	63,504	62,244	39,077	53,040	40,440	48,842
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, SEROTYPE H-7	65,943	41,378	31,487	54,037	24,160	19,190	15,784	24,379	20,390	7,880
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENSIS, SEROTYPE H-14	2,435	931	824	2,114	1,048	3,480	543	833	4,719	501
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI STRAIN SA-12	9,474	11,773	43,337	54,540	28,485	34,533	29,505	35,513	21,008	19,700
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	245,114	141,868	56,879	65,654	69,454	31,406	42,279	16,522	8,671	7,812
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN EG 2348	14,702	21,987	10,416	1,931	737	1,625	2,913	1,271	2,147	1,302
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN EG2371	849	439	134	338	18	54	7	0	0	0
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11	143,664	168,496	180,621	158,448	123,796	156,026	125,390	119,055	100,581	101,437
BACILLUS THURINGIENSIS (BERLINER), SUBSP. SAN DIEGO	18	7	2	3	1	<1	<1	<1	0	<1
BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI STRAIN BMP 123	687	1,913	6,279	3,013	268	20	93	0	1,898	310

Table 19: (continued) *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI, GENETICALLY ENGINEERED STRAIN EG7841 LEPIDOPTERAN ACTIVE TOXIN	118,628	55,515	5,061	8,479	1,766	1,160	6,684	1,225	451	62
BACILLUS THURINGIENSIS VAR. KURSTAKI STRAIN M-200	2	<1	0	1	0	0	0	<1	0	<1
BACILLUS THURINGIENSIS VAR. KURSTAKI, GENETICALLY ENGINEERED STRAIN EG7826	30,603	76,935	2,571	8,493	6,456	8,724	3,021	479	1,298	250
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN ABTS-1857	0	0	13,835	34,164	38,718	47,071	41,546	43,209	49,890	41,428
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN SD-1372, LEPIDOPTERAN ACTIVE TOXIN(S)	1,561	4,718	10,897	4,989	3,465	3,025	4,235	4,766	2,343	2,138
BACILLUS THURINGIENSIS, SUBSP. ISRAELENSIS, STRAIN AM 65-52	0	<1	5	1	3	313	4,809	25	2,497	255
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES	0	6,938	33,146	75,373	94,559	109,681	100,697	133,297	134,290	120,508
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1	199,385	170,574	110,540	62,367	44,536	29,129	23,346	20,045	15,173	20,277
BACILLUS THURINGIENSIS, VAR. KURSTAKI DELTA ENDOTOXINS CRY 1A(C) AND CRY 1C (GENETICALLY ENGINEERED) ENCAPSULATED IN PSEUDOMONAS FLUORESCENS (KILLED)	14,742	4,622	546	111	7	<1	<1	<1	25	52
BEAUVERIA BASSIANA STRAIN GHA	3,405	2,853	3,702	2,887	4,019	3,531	2,743	2,481	2,091	2,167
BUFFALO GOURD ROOT POWDER	0	0	0	0	0	0	0	1,694	3,227	8
CANDIDA OLEOPHILA ISOLATE I-182	0	0	0	0	0	0	0	0	0	0
CANOLA OIL	2	2	2	2	<1	2	5	33	1,388	1,541
CAPSICUM OLEORESIN	261	254	149	318	379	71	247	277	528	325
CASTOR OIL	1	<1	<1	<1	<1	<1	2	<1	4	12
CHENOPODIUM AMBROSIODES NEAR AMBROSIODES	0	0	0	0	0	0	0	0	0	6,043
CHITOSAN	0	0	0	0	<1	0	0	0	0	0
CINNAMALDEHYDE	4,139	1,534	295	105	137	18	10	2	556	0

Table 19: (continued) *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	49,142	36,602	34,157	38,357	51,009	69,051	73,386	71,278	64,156	46,867
CODLING MOTH GRANULOSIS VIRUS	0	0	0	0	0	0	1,479	2,141	1,487	1,139
CONIOTHYRIUM MINITANS STRAIN CON/M/91-08	0	0	935	1,301	1,781	26	62	120	0	1,204
CORN GLUTEN MEAL	<1	7	3	<1	<1	<1	<1	0	3	0
CORN SYRUP	0	0	0	0	0	0	0	1,132	7,991	14,316
CYTOKININ	3	<1	0	<1	0	0	0	0	0	0
DIHYDRO-5-HEPTYL-2(3H)-FURANONE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DIHYDRO-5-PENTYL-2(3H)-FURANONE	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
E,E-8,10-DODECADIEN-1-OL	10,407	10,381	11,841	21,255	17,383	21,896	20,728	27,784	21,536	14,858
E-11-TETRADECEN-1-YL ACETATE	38,834	14,063	16,870	10,335	8,836	7,351	6,637	6,189	5,996	5,445
E-8-DODECENYL ACETATE	22,721	33,383	33,602	39,198	41,752	33,419	37,412	49,086	54,291	46,746
ENCAPSULATED DELTA ENDOTOXIN OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN KILLED PSEUDOMONAS FLUORESCENS	32,372	15,188	7,529	1,160	143	33	9	35	91	37
ENCAPSULATED DELTA ENDOTOXIN OF BACILLUS THURINGIENSIS VAR. SAN DIEGO IN KILLED PSEUDOMONAS FLUORESCENS	6	4	<1	0	1	0	0	0	0	0
ESSENTIAL OILS	6	268	<1	<1	1	<1	<1	1	0	<1
ETHYLENE	<1	<1	<1	<1	7	0	0	0	0	0
EUCALYPTUS OIL	0	0	0	0	0	150	<1	0	0	0
EUGENOL	<1	0	0	0	15	<1	<1	0	0	0
FARNESOL	25,673	8,495	6,584	5,451	4,294	4,369	1,246	652	422	503
FENUGREEK	0	0	0	0	0	0	328	2,068	87	398
FORMIC ACID	0	0	0	0	0	0	<1	1	51	10
GAMMA AMINOBUTYRIC ACID	1	320	43,682	87,153	117,477	114,189	58,586	24,697	12,905	1,786
GARLIC	4,690	2,407	2,756	828	259	513	363	346	288	374
GERANIOL	0	0	0	0	0	0	<1	0	67	349
GERMAN COCKROACH PHEROMONE	0	0	<1	<1	<1	6	<1	<1	<1	<1
GIBBERELLINS	464,775	387,488	423,337	431,001	414,093	462,231	458,764	454,509	490,530	512,153
GIBBERELLINS, POTASSIUM SALT	8	188	22	59	170	65	348	32	8	0
GLIOCLADIUM VIRENS GL-21 (SPORES)	8	768	6	<1	<1	18	<1	5	1,090	716
GLUTAMIC ACID	1	320	43,682	87,153	117,477	114,189	58,586	24,697	12,905	1,786
HARPIN PROTEIN	0	6,847	39,669	19,651	17,949	12,232	6,089	3,721	1,998	1,562
HYDROGEN PEROXIDE	21	485	636	802	1,057	985	9,952	7,744	9,361	14,483
HYDROPRENE	<1	1	<1	<1	<1	<1	7	2	200	82

Table 19: (continued) *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
IBA	271	124	244	252	1,566	79	27,670	44,093	3,862	150
IRON PHOSPHATE	852	1,036	1,929	1,253	2,148	3,910	4,197	7,145	6,569	4,557
LACTOSE	44,774	37,971	45,903	36,654	45,293	79,734	95,549	80,366	99,526	77,363
LAGENIDIUM GIGANTEUM (CALIFORNIA STRAIN)	0	<1	0	0	24	2	0	<1	<1	0
LAURYL ALCOHOL	8,038	6,429	4,635	4,791	6,009	6,719	5,488	9,358	7,782	4,705
LAVANDULYL SENECIOATE	0	0	0	0	0	0	0	0	4,316	2,375
LIMONENE	46,840	34,695	39,562	48,939	49,320	62,359	75,333	79,012	64,151	55,013
LINALOOL	<1	<1	<1	<1	<1	<1	<1	<1	7	1
MENTHOL	11	0	0	<1	0	150	<1	0	0	0
METARHIZIUM ANISOPLIAE, VAR. ANISOPLIAE, STRAIN ESF1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0
METHOPRENE	38	50	<1	359	1	<1	157	51	42	211
METHYL ANTHRANILATE	<1	<1	80	56	1,458	448	1,557	298	219	550
METHYL SALICYLATE	0	<1	0	0	0	0	<1	1	0	<1
MONTOK PEPPER	<1	0	0	<1	0	0	0	0	0	0
MUSCALURE	473	189	121	2,283	307	2,715	476	1,179	<1	739
MYRISTYL ALCOHOL	8,038	6,429	4,635	4,791	6,009	6,719	5,488	9,358	7,782	4,705
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255	3,173	4,392	3,926	4,390	8,348	4,680	4,478	5,097	5,257	5,331
N6-BENZYL ADENINE	4,070	1,620	967	1,510	4,544	1,552	7,711	2,628	1,775	2,055
NAA	177	102	72	75	1,096	49	26,799	43,507	3,331	47
NAA, AMMONIUM SALT	15,651	14,790	14,313	15,620	12,889	12,569	11,174	11,709	10,445	9,024
NAA, ETHYL ESTER	204	64	78	58	<1	<1	<1	<1	73	1
NAA, SODIUM SALT	18	2,076	470	1,856	642	858	452	340	37	257
NEROLIDOL	25,673	8,495	6,584	5,451	4,294	4,369	1,246	652	422	503
NITROGEN, LIQUIFIED	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
NONANOIC ACID	496	495	443	476	1,075	675	877	1,275	498	700
NONANOIC ACID, OTHER RELATED	496	495	443	476	1,075	675	877	1,275	498	699
NOSEMA LOCUSTAE SPORES	2	9	<1	35	37	1	<1	254	30	132
OIL OF ANISE	0	<1	<1	<1	<1	<1	<1	<1	<1	0
OIL OF BERGAMOT	0	0	0	0	0	0	<1	0	0	0
OIL OF CEDARWOOD	<1	0	0	0	0	0	0	0	0	0
OIL OF CITRONELLA	1	<1	0	<1	0	<1	<1	<1	2	0
OIL OF CITRUS	0	0	0	0	0	<1	0	0	0	0
OIL OF JOJOBA	45	308	556	379	1,259	4,705	9,029	7,846	11,566	7,203
OIL OF LEMONGRASS	0	0	0	36	0	20	<1	0	0	0
OIL OF MUSTARD	0	0	0	0	0	0	0	0	0	0
OIL OF PEPPERMINT	0	<1	0	<1	<1	<1	0	<1	<1	0

Table 19: (continued) *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OXYPURINOL	<1	<1	0	0	0	<1	0	1	0	0
PAECILOMYCES FUMOSOROSEUS APOPKA STRAIN 97	0	13	0	0	0	0	0	0	0	0
PANTOEA AGGLOMERANS STRAIN E325, NRRL B-21856	0	0	0	0	0	0	0	0	0	698
PERFUME	0	0	0	0	<1	0	0	0	0	0
POLYHEDRAL OCCLUSION BODIES (OB'S) OF THE NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA (CORN EARWORM)	0	0	0	293	742	0	0	0	98	254
POTASSIUM BICARBONATE	60,330	52,654	74,151	106,988	64,994	143,968	61,465	47,299	41,899	69,151
PROPYLENE GLYCOL	1,057,746	812,714	746,000	763,898	778,321	754,665	738,448	520,537	420,161	378,737
PSEUDOMONAS FLUORESCENS, STRAIN A506	1,443	11,668	13,126	16,945	6,559	7,176	11,929	4,801	1,943	2,446
PSEUDOMONAS SYRINGAE STRAIN ESC-11	0	0	<1	0	<1	<1	<1	0	0	0
PSEUDOMONAS SYRINGAE, STRAIN ESC-10	0	0	0	0	0	0	<1	0	0	0
PUTRESCENT WHOLE EGG SOLIDS	<1	<1	<1	<1	<1	<1	<1	<1	<1	33
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	2,154	15,205	40,786	54,547	58,871	56,342	64,606	67,563	75,619	81,150
QUILLAJA	0	0	0	0	0	0	3,591	18,584	27,814	22,462
REYNOUTRIA SACHALINENSIS	0	0	0	0	0	0	0	0	0	1,297
S-ABSCISIC ACID	0	0	0	0	0	0	0	0	34	502
S-METHOPRENE	567	951	166	21	49	2,395	9,552	30,635	47,284	47,165
SAWDUST	2,847	252	<1	<1	<1	23	<1	10	19	<1
SESAME OIL	0	0	0	0	0	0	<1	888	846	1,447
SODIUM BICARBONATE	<1	<1	<1	0	100	0	0	0	17	57
SODIUM LAURYL SULFATE	16	<1	29	<1	<1	<1	<1	<1	14	<1
SOYBEAN OIL	12,837	11,254	18,627	15,359	9,870	6,344	3,675	3,277	2,460	3,792
STREPTOMYCES GRISEOVIRIDIS STRAIN K61	83	50	17	14	5	20	29	12	<1	<1
STREPTOMYCES LYDICUS WYEC 108	0	0	0	0	0	0	50	96	1,910	3,998
SUCROSE OCTANOATE	0	0	0	0	0	0	4	0	448	930
THYME	0	0	0	0	0	0	<1	<1	<1	68
TRICHODERMA HARZIANUM RIFAI STRAIN KRL-AG2	885	1,048	293	466	833	406	286	311	201	306
VANILLIN	0	0	0	0	0	0	328	2,068	87	398
VEGETABLE OIL	82,159	85,656	103,798	125,724	214,183	211,388	275,541	144,591	231,954	196,930
XANTHINE	<1	<1	0	0	0	<1	0	1	0	0

Table 19: (continued) *The reported cumulative acres treated with pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones).*

AI	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
XANTHOMONAS CAMPESTRIS PV. POANNUA	0	0	0	0	0	0	14	0	0	0
YEAST	1,548	4,034	5,106	6,708	4,630	4,835	5,262	4,694	4,560	3,957
YUCCA SCHIDIGERA	0	0	0	0	0	0	0	0	18	598
Z,E-9,12-TETRADECADIEN-1-YL ACETATE	0	0	13	0	0	0	0	44	0	1,622
Z-11-TETRADECEN-1-YL ACETATE	38,834	14,063	16,870	10,335	8,836	7,351	6,637	6,166	5,040	5,442
Z-8-DODECENOL	22,721	33,383	33,602	39,198	41,752	33,419	37,412	49,086	54,291	46,746
Z-8-DODECENYL ACETATE	22,721	33,383	33,602	39,198	41,752	33,419	37,412	49,086	54,291	46,746
Z-9-TETRADECEN-1-OL	0	0	13	0	0	0	0	0	0	0
TOTAL	3,016,036	2,486,855	2,427,975	2,585,729	2,526,848	2,698,117	2,681,861	2,385,565	2,351,286	2,198,470

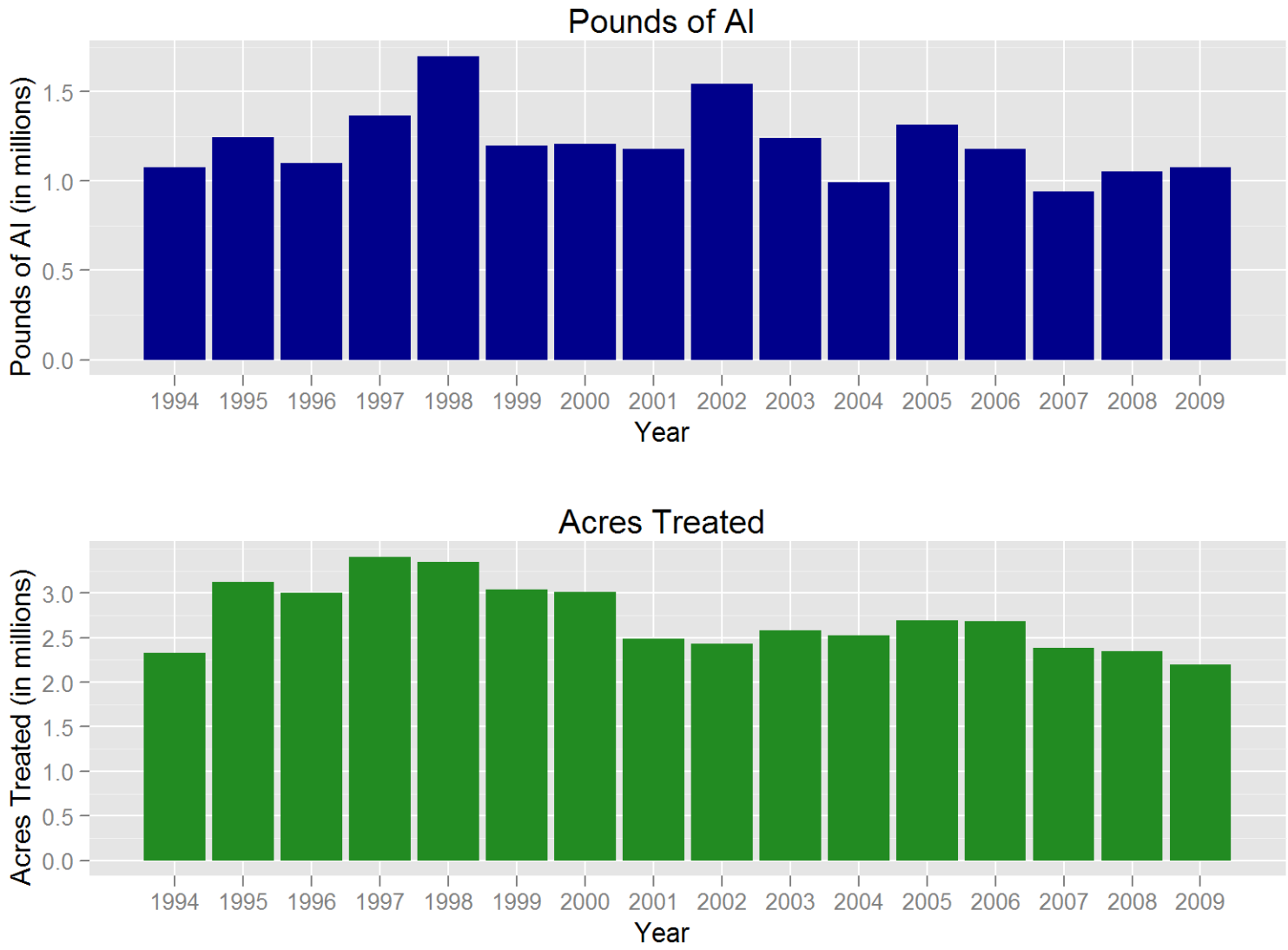

Figure 8: *Use trends of pesticides that are biopesticides. Biopesticides include microorganisms and naturally occurring compounds, or compounds essentially identical to naturally occurring compounds that are not toxic to the target pest (such as pheromones). Reported pounds of active ingredient (AI) applied include both agricultural and non-agricultural applications. The reported cumulative acres treated include primarily agricultural applications. Data are from the Department of Pesticide Regulation's Pesticide Use Reports.*

5 Trends In Pesticide Use In Certain Commodities

This summary describes possible reasons for changes in pesticide use from 2008 to 2009 for the following commodities: almonds, wine grapes, table and raisin grapes, alfalfa, processing tomatoes, cotton, rice, oranges, head lettuce, strawberries, peaches and nectarines, and carrots. These 12 commodities were chosen because each were treated with more than 3 million pounds of active ingredients (AIs) or cumulatively treated on more than 2 million acres, except for head lettuce, which had 1.0 million pounds of AI and 1.7 million acres treated. Collectively, this represents 67 percent of all reported pesticide pounds used (72 percent of all pounds used on agricultural fields) and 69 percent of the acres treated in 2009.

Information used to develop this section was drawn from several publications and phone interviews with pest control advisors, growers, University of California Cooperative Extension farm advisors and specialists, researchers, and commodity association representatives. DPR staff analyzed the information, using their knowledge of pesticides, California agriculture, pests, and pest management practices to draw conclusions about possible explanations for changes in pesticide use. However, it is important to note these explanations are based on anecdotal information, not rigorous statistical analyses.

Reported pesticide use in California in 2009 totaled 156 million pounds, a decrease of 8 million pounds from 2008 (5.0 percent). The AIs with the largest uses by pounds were sulfur, petroleum and mineral oils, metam-sodium, glyphosate, and 1,3-dichloropropene (1,3-D). By pounds, sulfur accounted for 27 percent of all reported pesticide use in 2009. Sulfur use increased 1.6 million pounds (4 percent) from 2008 to 2009 and accounted for most of the increase in pounds of AI. Other non-adjuvant pesticides with the greatest increase in pounds applied include kaolin (856,000-pound increase, 59 percent), pendimethalin (320,000-pound increase, 22 percent), oxyfluorfen (266,000-pound increase, 39 percent), and phosphine (215,000-pound increase, 447 percent). Sulfur is a natural fungicide favored by both conventional and organic farmers and is used mostly to control powdery mildew on grapes and processing tomatoes. Oils are used mostly as insecticides and miticides in orchards; metam-sodium is a fumigant used mostly for carrots, processing tomatoes, and potatoes; glyphosate is an herbicide used mostly for almonds, rights-of-way, and grapes; and 1,3-D is a fumigant used mostly for strawberries, almonds, sweet potatoes, walnuts, and carrots. Kaolin is a fungicide and insecticide used mostly in pomegranates, walnuts, and processing tomatoes; pendimethalin is an herbicide used mostly for alfalfa, almonds, and grapes; oxyfluorfen is an herbicide used mostly for rights-of-way, almonds, and grapes; and phosphine is a fumigant used mostly for regulatory pest control.

In contrast, use of most major pesticides decreased. Use of 1,3-D decreased by 3.5 million pounds (36 percent) even though it was one of the most-used pesticides. Other pesticides with decreases in pounds applied were petroleum and mineral oils (1.7 million-pound decrease, 6 percent), potassium N-methyldithiocarbamate, also called metam-potassium, (1.4 million-pound increase, 26 percent), copper-based pesticides (947,000-pound decrease, 16 percent), chlorine

(693,000-pound decrease, 54 percent), and metam-sodium (665,000-pound decrease, 7 percent). Metam-potassium is a fumigant used mostly for processing tomatoes and carrots; most copper-based pesticides are used as fungicides or algaecides and are used in rice, oranges, and walnuts; and chlorine is a disinfectant. The use of all fumigants decreased 5.4 million pounds (14 percent) in 2009 compared to 2008.

Different pesticides are used at different rates. In California, most pesticides are applied at rates of around 1 to 2 pounds per acre. However, fumigants are usually applied at rates of hundreds of pounds per acre. Thus, comparing use by pounds will emphasize fumigants. Comparing use among different pesticides using acres treated gives a different picture.

Total acres treated with all pesticides in 2009 were 64 million, a decrease from 2008 of 3 million acres (3.9 percent). By acres treated, the non-adjuvant pesticides with the greatest use in 2009 were sulfur, glyphosate, petroleum and mineral oils, copper-based pesticides, and oxyfluorfen. Most of the decrease in total acres treated was from decreases in indoxacarb, methoxyfenoxide, and chlorpyrifos. The AIs with the largest increase in acres treated were pendimeththalin, oxyfluorfen, glufosinate-ammonium, glyphosate, and cyprodinil. Indoxacarb is an insecticide used mostly for alfalfa; methoxyfenoxide is an insecticide used mostly for almonds and grapes; chlorpyrifos is an insecticide used mostly on alfalfa, almonds, and walnuts; and (s)-cypermethrin is an insecticide used mostly on lettuce and alfalfa. Pendimeththalin is an herbicide used mostly for alfalfa, almonds, and grapes; glufosinate-ammonium is an herbicide used mostly in almonds and grapes; and cyprodinil is a fungicide used mostly for almonds and grapes.

DPR data analyses have shown that pesticide use varies from year to year depending upon pest problems, weather, acreage and types of crops planted, economics, and other factors. The winter and spring of 2009 were relatively dry which probably resulted in less weed and disease pressure. Lygus bugs were a problem in some areas for cotton and strawberries because of changing cropping patterns. Also, mites were a problem for some crops because of the dry, hot summer. The reduction in use of fumigants may be due to increased environmental and regulatory concerns.

In the following tables, use is given by pounds of AI applied and by acres treated. Acres treated means the cumulative number of acres treated; the acres treated in each application are summed even when the same field is sprayed more than once in a year. (For example, if the same acre is treated three times in a calendar year with an individual AI, it is counted as three acres treated).

Almonds

Almonds are California's largest nut crop economically and are the largest crop export from the United States. Based on USDA statistics, the total production of almonds in California in 2009 was about 1.35 billion meat pounds, which was down 17 percent from the crop in 2008. Production decreased because freezing temperatures in March 2009 and mite infestations during the growing season damaged almond orchards. Irrigation water availability was a concern but had minimal impact on the 2009 crop. There are three distinct almond-growing regions in California: the Sacramento Valley, Central San Joaquin Valley and Southern San Joaquin Valley. Weather conditions and pest pressure vary greatly across these regions. Pesticide use may vary regionally in terms of use rates and choices.

Table 20: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for almonds each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, April 2010; marketing year average prices from 2004 to 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, July 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	17,133,637	21,249,205	19,538,857	19,418,552	18,675,234
Acres Treated	8,898,957	11,226,899	10,464,255	10,170,113	10,419,117
Acres Planted	700,000	755,000	765,000	795,000	810,000
Price/lb	$ 2.81	$ 2.06	$ 1.75	$ 1.45	$ 1.65

Table 21: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for almonds each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	6	24	-8	-1	-4
Acres Treated	22	26	-7	-3	2
Acres Planted	9	8	1	4	2
Price/lb	27	-27	-15	-17	14

In 2009 total pesticide use was 10 million acres treated and 19 million pounds (Table 20). Pounds of AI decreased 4 percent; however, acres treated increased 2 percent compared to 2008. Acres of almonds planted increased 2 percent in 2009 relative to 2008. The combination of decreased pounds and increased planted and treated acreage implies that pesticide use per acre planted and use per acre treated decreased in 2009, both by 6 percent (Table 21). Insecticide use in acres treated decreased 3 percent in 2009 compared to 2008 (Figure 9). Herbicide use in 2009 increased 7 percent and fungicide use increased 2 percent in acres treated when compared to 2008.

The main insecticides in 2009 by acres treated were oils, abamectin, esfenvalerate, pyriproxyfen, and methoxyfenozide. Acres treated with methoxyfenozide, esfenvalerate, and phosmet decreased

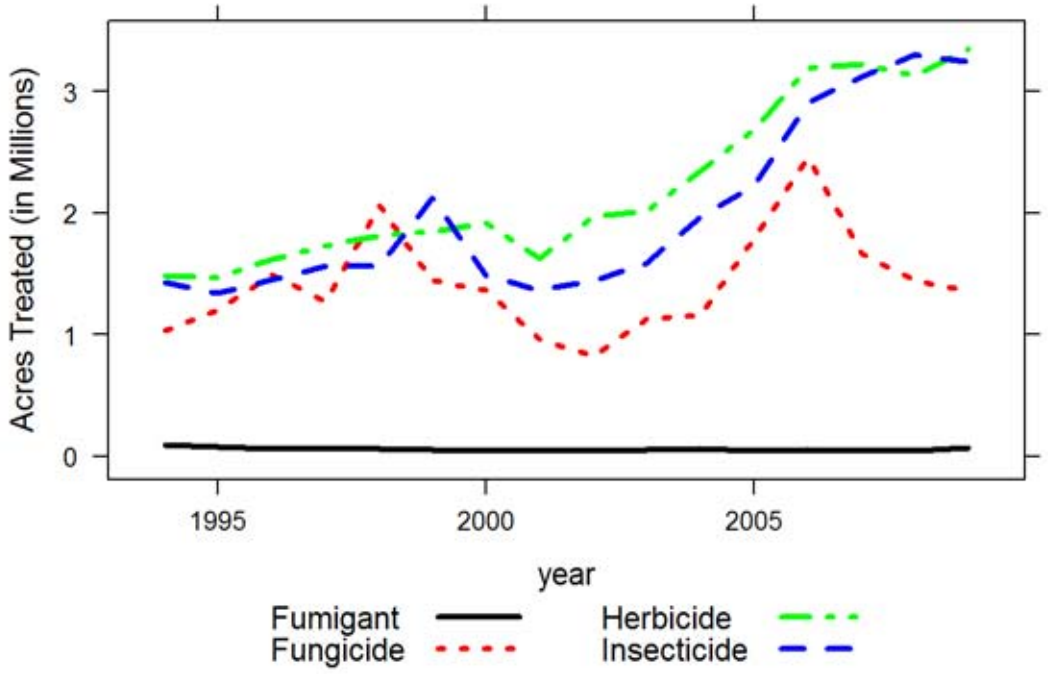

Figure 9: *Acres of almonds treated by all AIs in the major types of pesticides from 1994 to 2009.*

40, 19, and 83 percent respectively in 2009 compared to 2008 (Table 22). The use of flubendiamide increased many-fold and the use of oils increased 4 percent. These insecticide data show a shift in the products used for worm control, including navel orangeworm (NOW) and peach twig borer (PTB). Shifts in 2009 were primarily due to the registration of new pesticides, in particular, those containing the new AIs flubendiamide and chlorantraniliprole. Both are in a new reduced-risk insecticide class called anthranilic diamides. Also, new pyrethroid products containing bifenthrin and lambda cyhalothrin were registered. Compared to older-generation pyrethroid products, such as those containing esfenvalerate, these products are more refined, have longer residuals, and are less prone to cause spider mites outbreaks. Because of these new products, the use of traditional worm insecticides such as methoxyfenozide, esfenvalerate, phosmet, and azinphos methyl are expected to decrease.

The main fungicides by acres treated were iprodione, cyprodinil, boscalid, pyraclostrobin, and propiconazole. The overall use of fungicide did not change much in 2009 compared to 2008. Use of boscalid, pyraclostrobin, pyrimethanil, and copper-based pesticides decreased 38 percent, 38 percent, 64 percent and 22 percent, respectively, in acres treated, while the use of propiconazole and fenbuconazloe increased many-fold in 2009. Because some diseases were becoming resistant to some fungicides, growers tended to switch pesticides and reduce use. Boscalid and pyraclostrobin became ineffective on scab, resulting in decreased use. A dry winter led to less scab and therefore less use of copper-based pesticides in the dormant season. The increased use

Table 22: *The non-adjuvant pesticides with the largest change in acres treated of almonds from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
METHOXYFEN-OZIDE	INSECTICIDE	148,082	192,689	216,235	240,609	144,918	-95,691	-40
PYRACLO-STROBIN	FUNGICIDE	266,613	473,272	271,130	241,382	150,124	-91,258	-38
BOSCALID	FUNGICIDE	266,613	473,272	271,143	241,382	150,124	-91,258	-38
CHLOR-ANTRANILIPROLE	INSECTICIDE					84,588	84,588	
PROPICONAZOLE	FUNGICIDE	245	216	128	58,658	142,794	84,135	143
CYPRODINIL	FUNGICIDE	268,997	234,041	151,630	114,767	190,913	76,147	66
PYRIMETHANIL	FUNGICIDE		57,081	113,795	115,348	41,453	-73,896	-64
GLUFOSINATE-AMMONIUM	HERBICIDE	30,358	62,777	129,008	204,604	271,049	66,445	32
OXYFLUORFEN	HERBICIDE	631,310	696,050	629,076	656,924	721,119	64,195	10
FLUBENDIAMIDE	INSECTICIDE				56	59,625	59,569	106,373
GLYPHOSATE	HERBICIDE	1,223,314	1,343,037	1,316,550	1,254,586	1,299,707	45,121	4
ESFENVALERATE	INSECTICIDE	146,702	211,166	192,555	228,868	184,721	-44,147	-19
FENBUCONAZOLE	FUNGICIDE				9,954	51,895	41,941	421
OIL	INSECTICIDE	657,644	841,640	891,780	975,495	1,016,206	40,711	4
PHOSMET	INSECTICIDE	54,108	74,293	54,551	44,572	7,673	-36,899	-83

of propiconazole and fenbuconazole was possibly due to their effectiveness and low cost as bloom fungicides. Fenbuconazole was recently registered for use on almonds.

The main herbicides were glyphosate, oxyfluorfen, glufosinate-ammonium, paraquat dichloride, and pendimethalin. Acres treated with glufosinate-ammonium, oxyfluorfen, and glyphosate increased 32, 10, and 4 percent, respectively, from 2008 to 2009. Glufosinate-ammonium use has increased because of resistance developing to glyphosate. Also, it was reformulated and priced lower in 2007. Oxyfluorfen is often used with glyphosate and as a preemergent for broadleaf weeds. Increase in oxyfluorfen and glyphosate use may be simply due to increased acreage of mature almond trees in the state.

Key arthropod pests in almonds are NOW, San Jose scale (SJS), PTB, web-spinning mites, and ants. Winter sanitation to eliminate mummy nuts has become a standard practice to reduce overwintering NOW larvae. Almonds can be treated with oil alone in the dormant season to control low to moderate populations of SJS. It is likely that other insecticides were added to oil to control higher populations of SJS and PTB. Determining which AIs are being used for what pest is difficult since many AIs can be used for more than one pest. However, treatments in the dormant season and during bloom are usually for PTB, treatments in July and August are mostly for NOW, and treatments in May could be either PTB or NOW (although most May treatments

north of Fresno are for PTB and most May treatments south of Fresno are for NOW). Regionally, pesticide use was much less in the Sacramento Valley than the southern San Joaquin Valley. NOW and mite populations are generally higher in the south than in the north.

Wine grapes

In 2009, roughly 63 percent of California vineyards produced wine grapes. There are four major wine grape production regions: North Coast (Lake, Mendocino, Napa, Sonoma, and Solano counties); Central Coast (Alameda, Monterey, San Luis Obispo, Santa Barbara, San Benito, Santa Cruz, and Santa Clara counties); Northern San Joaquin Valley (San Joaquin, Calaveras, Amador, Sacramento, Merced, Stanislaus, and Yolo counties); and Southern San Joaquin Valley (Fresno, Kings, Tulare, Kern, and Madera counties). The total pounds of pesticide active ingredients applied to wine grapes increased 3 percent in 2009 compared to 2008 and acres treated increased 8 percent (Table 24).

Factors that influence changes in pesticide use on wine grapes include weather, topography, pest pressures (which vary by region), competition from newer pesticide products, application restrictions, efforts by growers to reduce costs, and increasing emphasis on sustainable farming. The pooled figures in this report may not reflect differences in pesticide use patterns between production regions.

Table 23: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for wine grapes each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, March 2010; marketing year average prices from 2004 to 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, July 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	33,749,192	23,993,654	24,332,629	21,190,800	21,730,443
Acres Treated	8,723,471	7,842,768	7,867,022	7,173,088	7,721,355
Acres Planted	522,000	527,000	523,000	526,000	531,000
Price/ton	$ 582	$ 582	$ 564	$ 609	$ 613

Table 24: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for wine grapes each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	22	-29	1	-13	3
Acres Treated	20	-10	0	-9	8
Acres Planted	2	1	-1	1	1
Price/ton	2	0	-3	8	1

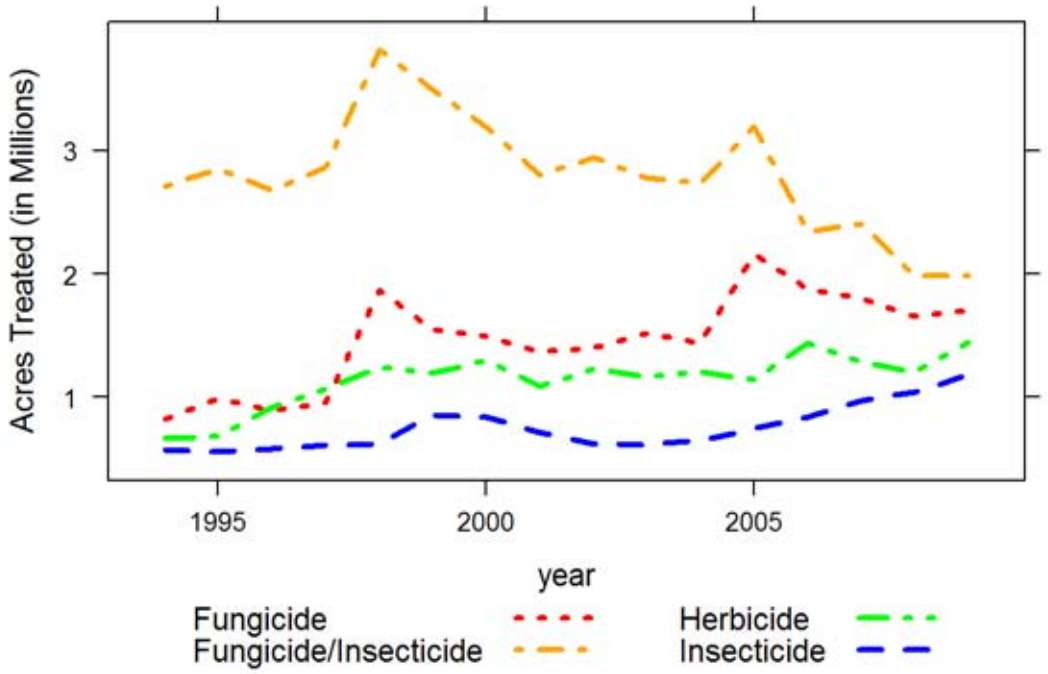

Figure 10: *Acres of wine grapes treated by all AIs in the major types of pesticides from 1994 to 2009. Sulfur accounts for nearly all the fungicide/insecticide category*

Table 25: *The non-adjuvant pesticides with the largest change in acres treated of wine grapes from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
KRESOXIM-METHYL	FUNGICIDE	67,542	50,470	66,846	39,315	121,560	82,246	209
TRIFLUMIZOLE	FUNGICIDE	56,384	53,269	42,483	36,915	115,899	78,984	214
PYRACLOSTROBIN	FUNGICIDE	196,951	212,080	211,959	209,288	138,253	-71,035	-34
BOSCALID	FUNGICIDE	197,293	212,581	211,982	209,288	138,257	-71,031	-34
PENDIMETHALIN	HERBICIDE	3,692	6,836	7,660	10,835	81,165	70,330	649
MYCLOBUTANIL	FUNGICIDE	293,425	269,688	224,571	180,712	124,303	-56,409	-31
TEBUCONAZOLE	FUNGICIDE	177,130	103,719	137,225	116,670	163,909	47,239	40
IMIDACLOPRID	INSECTICIDE	126,757	113,430	151,444	138,923	184,843	45,920	33
COPPER	FUNGICIDE	420,595	368,455	329,304	318,593	273,786	-44,807	-14
GLYPHOSATE	HERBICIDE	475,458	473,164	471,086	410,636	454,528	43,892	11
PARAQUAT DICHLORIDE	HERBICIDE	146,912	177,339	128,737	78,714	120,317	41,603	53
QUINOXYFEN	FUNGICIDE	67,305	122,393	126,863	137,160	174,688	37,529	27
TRIFLOXYSTROBIN	FUNGICIDE	219,998	162,553	142,832	140,733	177,530	36,796	26
ORYZALIN	HERBICIDE	62,194	80,378	59,242	66,712	30,402	-36,311	-54
FLUMIOXAZIN	HERBICIDE	35,746	86,011	111,439	71,261	104,833	33,572	47

Insecticide use in wine grapes increased significantly in 2009 (Figure 10): pounds applied increased 26 percent, while acres treated increased 24 percent. The major insecticides applied in 2009 by acres treated were oils, imidacloprid, methoxyfenozide, abamectin, buprofezin, and chlorpyrifos. Chlorpyrifos is used before budbreak and after harvest to control mealybugs; imidacloprid is used during warmer weather between budbreak and harvest. Methoxyfenozide is used to control various moths, such as omnivorous leafroller. In 2009, acreage treated with oils increased 4 percent. Oils have many attractive, broad-spectrum properties and are low-risk. Increasingly mixed with fungicides, oils can replace a surfactant and eradicate mildew growth, as well as suppress mites and insects such as grape leafhoppers.

Acres treated with sulfur were unchanged from 2008 (in Figure 10 sulfur accounts for nearly all the fungicide/insecticide category), while acres treated with all other fungicides increased 5 percent. Sulfur, copper-based pesticides, trifloxystrobin, quinoxyfen, and tebuconazole were the most-used fungicides in terms of acres treated. Acres treated with lime sulfur in early 2009 against overwintering disease inoculum were unchanged from 2008. Dormant season disease pressure was low in 2009 due to low rainfall. Copper-based pesticides, used to treat downy mildew and botrytis bunch rot, were applied to 14 percent fewer acres in 2009 compared to 2008 (Table 25).

The acres treated with herbicides increased 20 percent in 2009 compared to 2008. In terms of acres treated, herbicides used most in wine grapes were glyphosate, oxyfluorfen, glufosinate-ammonium, paraquat, flumioxazin, and simazine. The acres treated with simazine, paraquat, flumioxazin, and glufosinate-ammonium increased 23, 53, 47, and 9 percent respectively. Acreage treated with rimsulfuron increased 151 percent. This is likely due to the increased prevalence of glyphosate-resistant weeds, such as marestail and fleabane, in vineyards. Both glufosinate-ammonium and rimsulfuron are used specifically to control these weed species.

Acres treated with plant growth regulators (PGR) increased 39 percent in 2009 compared to 2008, though the total number of acres treated was small. The most common PGRs were gibberellins, which are applied in early spring in order to lengthen and loosen grape clusters. Less compact clusters may be less vulnerable to berry splitting and bunch rot.

Table and raisin grapes

Table and raisin grapes comprised approximately 37 percent of California's total grape crop in 2009, the rest being wine grapes. These categories shift depending on market conditions, since some grape varieties can be used for more than one purpose. Thompson Seedless is the leading raisin grape variety, while Flame Seedless is the leading table grape variety. California produced about 2.1 million tons of raisin grapes and 850,000 tons of table grapes in 2009. Statewide table grape and raisin tonnage decreased 13 percent and 16 percent, respectively, relative to 2008 production. Total bearing acreage of table and raisin grapes was unchanged. The decrease in production was due to a combination of drought, extreme hot weather, and flare-ups of powdery mildew.

Table 26: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for table and raisin grapes each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, March 2010; marketing year average prices from 2004 to 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, July 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	19,395,692	15,245,751	16,379,435	13,785,706	12,724,600
Acres Treated	5,927,808	5,731,725	5,522,968	5,536,012	5,494,838
Acres Planted	339,000	333,000	325,000	318,000	312,000
Price/ton	$ 311	$ 450	$ 422	$ 306	$ 346

Table 27: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for table and raisin grapes each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	10	-21	7	-16	-8
Acres Treated	19	-3	-4	0	-1
Acres Planted	0	-2	-2	-2	-2
Price/ton	-24	45	-6	-28	13

The major insecticides applied in 2009 by acres treated were oils, imidacloprid, methoxyfenozide, cryolite, *Bacillus thuringiensis*, and buprofezin. The acres treated with insecticides increased 6 percent from 2008 (Figure 11). Imidacloprid and buprofezin are used during warm weather between budbreak and harvest to control mealybug infestations. Cryolite is an insect stomach poison applied early in the season to control lepidopterous pests, such as omnivorous leafroller. Methoxyfenozide controls similar pests, but can be used later in the growing season than cryolite.

Acres treated with sulfur decreased 2 percent (in Figure 11 sulfur accounts for nearly all the fungicide/insecticide category), while acres treated with all other fungicides decreased 3 percent. Sulfur, copper-based pesticides, myclobutanil, trifloxystrobin, tebuconazole, boscalid, and pryaclostrobin were the most used fungicides in terms of acres treated. Acres treated with lime sulfur in early 2009 against overwintering disease inoculum increased 62 percent. Dormant season disease pressure was low due to low rainfall. Copper-based pesticides, used to treat downy mildew and botrytis bunch rot, were applied to 10 percent fewer acres compared to 2008 (Table 28).

The acres treated with herbicides decreased 9 percent in 2009 compared to 2008 (Figure 11). Herbicides used most in table and raisin grapes by acres treated were glyphosate products, glufosinate-ammonium, paraquat, oxyfluorfen, simazine, and pendimethalin. The acres treated

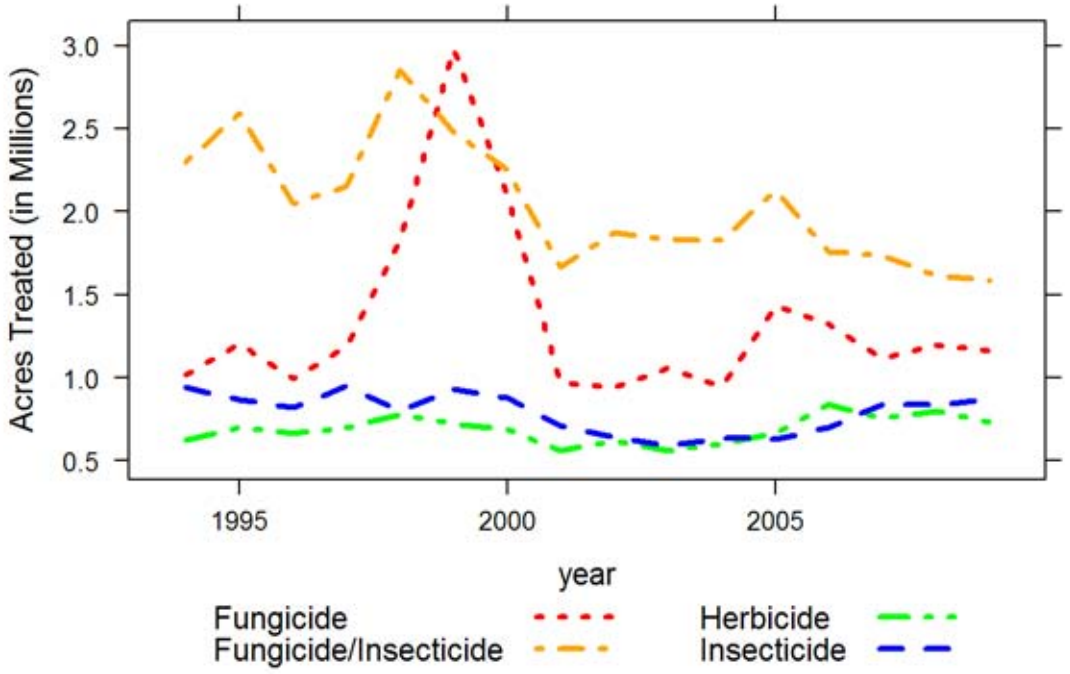

Figure 11: *Acres of table and raisin grapes treated by all AIs in the major types of pesticides from 1994 to 2009. Sulfur accounts for nearly all the fungicide/insecticide category.*

with glyphosate, paraquat, and oxyfluorfen decreased 10, 12, and 16 percent respectively. In contrast, glufosinate-ammonium and rimsulfuron-treated acreage increased 10 and 66 percent respectively, while pendimethalin-treated acreage increased 311 percent. Increased use of glufosinate-ammonium and rimsulfuron is likely due to the increased prevalence of glyphosate-resistant weeds, such as marestail and fleabane, in vineyards. Both of these herbicides are used specifically to control these weed species. It is likely that pendimethalin is being used as a cheaper alternative to oryzalin.

Acres treated with plant growth regulators (PGRs) increased less than 1 percent in 2009 compared to 2008. The most commonly used PGRs were gibberellins, which are applied in early spring to lengthen and loosen grape clusters. Less compact clusters may be less vulnerable to berry splitting and bunch rot. Gibberellin-treated acres increased 1 percent in 2009.

Table 28: *The non-adjuvant pesticides with the largest change in acres treated of table and raisin grapes from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
SULFUR	FUNGICIDE/ INSECTI-CIDE	2,120,638	1,742,570	1,714,833	1,595,586	1,558,799	-36,787	-2
PENDIMETHALIN	HERBICIDE	2,500	4,047	3,052	11,422	46,987	35,565	311
ORYZALIN	HERBICIDE	50,478	57,380	59,486	56,056	22,309	-33,746	-60
SPIROTETRAMAT	INSECTICIDE				7,262	40,367	33,105	456
TRIFLUMIZOLE	FUNGICIDE	33,929	13,388	13,222	11,596	43,298	31,702	273
KRESOXIM-METHYL	FUNGICIDE	37,950	46,512	31,938	23,471	54,187	30,716	131
OIL	INSECTICIDE	62,742	94,006	132,809	162,690	133,390	-29,300	-18
PYRACLOSTROBIN	FUNGICIDE	129,460	108,949	103,593	113,656	87,196	-26,460	-23
BOSCALID	FUNGICIDE	129,468	108,953	103,604	113,675	87,268	-26,407	-23
COPPER	FUNGICIDE	331,330	366,782	262,204	252,507	227,207	-25,300	-10
GLYPHOSATE	HERBICIDE	208,348	249,602	223,529	221,809	198,801	-23,008	-10
FLUMIOXAZIN	HERBICIDE	30,825	40,506	57,494	65,773	43,586	-22,186	-34
FENARIMOL	FUNGICIDE	56,592	42,469	55,203	64,900	50,892	-14,007	-22
METHOXYFEN-OZIDE	INSECTICIDE	79,918	81,377	74,775	72,579	86,084	13,505	19
GLUFOSINATE-AMMONIUM	HERBICIDE	15,447	46,364	63,141	130,798	144,208	13,410	10

Alfalfa

Alfalfa hay is produced for animal feed in California. Most counties produce some alfalfa hay but more than half of the state's production comes from Fresno, Kern, Imperial, Merced, and Tulare counties. Harvested alfalfa acres increased 3 percent in 2009 compared to 2008 but the price per ton decreased 47 percent. The dairy industry remains the biggest market for alfalfa hay in California. The decreased price for hay was due to weak economic conditions, downturn in the dairy industry, and increased supplies from other western states that usually ship large quantities of hay into California to augment local production. The total pounds of pesticide active ingredients applied to alfalfa increased 3 percent in 2009 relative to 2008; however, the acres treated with pesticides decreased 20 percent (Table 29).

Statewide, insecticide use on alfalfa increased 4 percent in pounds of AI whereas the acres treated decreased 28 percent in 2009 compared to 2008 (Figure 12). The decrease in acres treated with insecticides were mainly from reduced uses of cyfluthrin (83 percent reduction), methxyfenozide (71 percent reduction), s-cypermethrin (57 percent reduction), indoxacarb (55 percent reduction), chlorpyrifos (22 percent reduction), and methomyl (51 percent reduction) (Table 31). In contrast, the acres treated with naled and beta-cyfluthrin increased 37 and 6 percent, respectively, in 2009 compared to 2008. In 2009, growers switched to AIs such as sulfur that do not have significant

Table 29: *Total reported pounds of all active ingredients (AI), acres treated, acres harvested, and prices for alfalfa each year from 2005 to 2009. Harvested acres from 2004 to 2008 are from CDFA, 2009; harvested acres in 2009 are from NASS, June 2010; marketing year average prices in 2004 are from NASS, July 2005; marketing year average prices from 2005 to 2006 are from NASS, July 2007; marketing year average prices in 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, February 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	2,862,543	3,021,455	2,909,792	3,184,197	3,286,409
Acres Treated	5,169,416	5,559,141	4,445,444	5,349,955	4,304,787
Acres Harvested	1,040,000	1,100,000	990,000	1,030,000	980,000
Price/ton	$ 136	$ 116	$ 165	$ 204	$ 109

Table 30: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres harvested, and prices for alfalfa each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	7	6	-4	9	3
Acres Treated	24	8	-20	20	-20
Acres Harvested	-1	6	-10	4	-5
Price/ton	17	-15	42	24	-47

adverse environmental impacts. Sulfur is used at high rates per acre, which partly explains why total pounds of AI increased even though total acres treated decreased. The uncertainty surrounding hay prices, water availability, and the downturn in the dairy industry affected management practices in 2009. The new management practices resulted in changes in both insect pest populations and insecticide use.

Decrease in the use of indoxacarb, methoxyfenozide, and s-cypermethrin was mainly in the San Joaquin, Sacramento and Imperial valleys. Decreased use of lambda-cyhalothrin was mainly in the San Joaquin and Imperial valleys. The decrease in chlorpyrifos use was predominantly in the San Joaquin Valley while methomyl use decreased mainly in San Joaquin and Imperial valleys. The statewide increase in insecticide use in pounds was due to insect pressure. This was especially true for western yellow striped armyworm, beet armyworm, alfalfa caterpillar, and Egyptian alfalfa weevil. Also, as the price of hay decreased, growers let the hay grow longer and sprayed less frequently but more intensely for insect pests to avoid insect damage.

Statewide herbicide use in pounds and acres treated were relatively stable, marginally decreasing 2 and 1 percent respectively, in 2009 compared to 2008 (Figure 12). Use of most of the top 10 high-use herbicides decreased in 2009, except for pendimethalin, paraquat dichloride, and

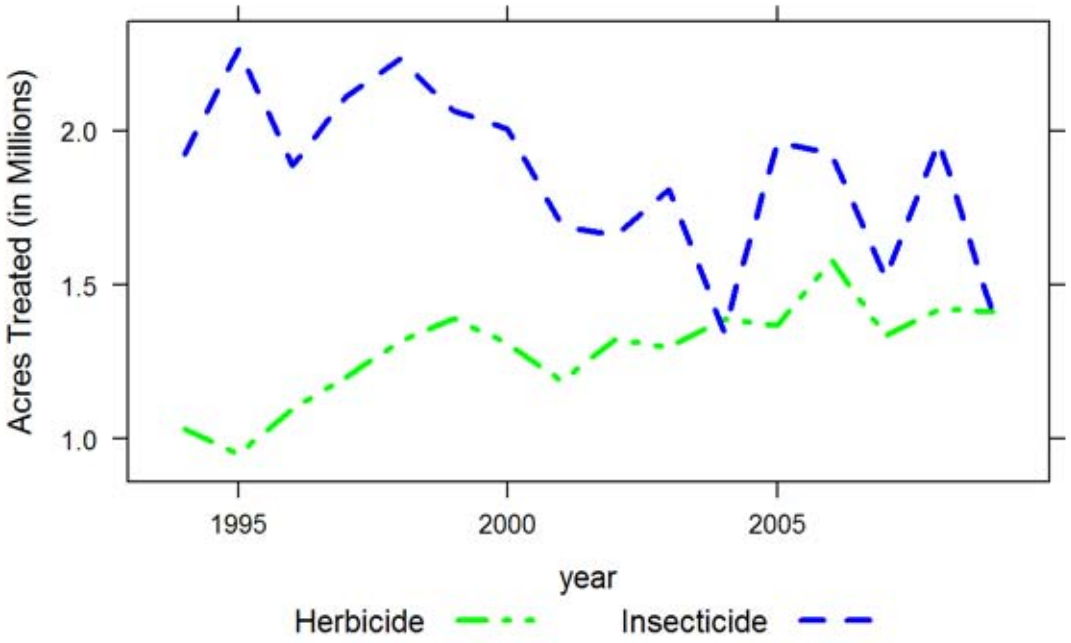

Figure 12: *Acres of alfalfa treated by all AIs in the major types of pesticides from 1994 to 2009.*

hexazinone. Use of paraquat dichloride increased, possibly because it is applied as an alternative to diquat dibromide, a desiccant used in seed production. Seed growers desiccate seed fields prior to harvest. The increase in pendimethalin use may be associated with the halt in planting of Roundup Ready alfalfa. Growers returned to the use of pre-plant herbicides such as pendimethalin and 2,4-DB. Decreased use of glyphosate may also be due to issues with Roundup Ready alfalfa. The decrease in herbicide use in 2009 occurred mainly in the Sacramento and San Joaquin Valleys whereas most of the increased applications occurred in the Imperial Valley. Although the reasons for selecting certain herbicides over others were unclear, efforts to use materials that are less likely to contaminate groundwater may have played a role in the general pattern in herbicide use.

Fungicide use for alfalfa is minimal and is not as significant as it is for insecticides and herbicides.

Table 31: *The non-adjuvant pesticides with the largest change in acres treated of alfalfa from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
INDOXACARB	INSECTICIDE	337,267	481,660	246,318	424,764	193,217	-231,547	-55
CHLORPYRIFOS	INSECTICIDE	547,172	443,628	386,498	406,013	317,289	-88,724	-22
TRIFLURALIN	HERBICIDE	303,796	317,191	276,815	210,591	148,708	-61,883	-29
PENDIMETHALIN	HERBICIDE	4,578	5,820	46,138	169,095	228,162	59,067	35
METHOXYFEN-OZIDE	INSECTICIDE		5,725	330	80,119	23,431	-56,688	-71
(S)-CYPERMETHRIN	INSECTICIDE	134,612	139,030	82,439	94,775	40,665	-54,111	-57
FLUMIOXAZIN	HERBICIDE				25,896	73,120	47,224	182
PARAQUAT DICHLORIDE	HERBICIDE	216,114	251,477	196,254	228,496	260,898	32,402	14
MALATHION	INSECTICIDE	76,386	77,755	81,333	90,492	66,538	-23,953	-26
CYFLUTHRIN	INSECTICIDE	144,550	133,029	53,054	24,394	4,188	-20,206	-83
CLETHODIM	HERBICIDE	87,365	109,659	97,803	107,196	87,452	-19,744	-18
IMAZETHAPYR, AMMONIUM SALT	HERBICIDE	54,651	99,473	68,426	89,263	69,860	-19,403	-22
METHOMYL	INSECTICIDE	135,197	79,002	39,901	37,880	18,725	-19,155	-51
BACILLUS THURINGIENSIS	INSECTICIDE	37,403	32,597	21,545	27,526	8,607	-18,919	-69
CARBOFURAN	INSECTICIDE	53,049	37,565	37,150	21,632	4,525	-17,107	-79

Processing tomatoes

Processing tomato growers planted 312,000 acres in 2009, a 10 percent increase from 2008. Total tons of processing tomato production in 2009 increased 26 percent from 2008. The highest concentration of processing tomato acreage continues to be in the southern San Joaquin Valley. Fresno County leads the state in production with 35 percent (108,000 acres) of the statewide acres, followed by San Joaquin County (39,000 acres), Yolo County (38,000 acres), and Kings County (29,000 acres).

Pesticide use, in terms of pounds of active ingredients (AI), increased 26 percent, from 12 million pounds in 2008 to 15 million pounds in 2009 (Table 32). Sulfur, metam sodium, and metam-potassium accounted for 86 percent of the total pounds of pesticide AI applied to processing tomatoes in 2009. Non-adjuvant pesticides used most in 2009, as measured by acres treated, were sulfur, trifluralin, s-metolachlor, chlorothalonil, pyraclostrobin, and glyphosate, all of which saw an increase in acres treated. The most-used pesticide category for processing tomatoes, as measured by acres treated, was insecticides, which increased 10 percent from 2008 to 2009 (Figure 13). In terms of pounds of AI applied, fungicide/insecticide (which is nearly all sulfur and kaolin) was the pesticide type most-used and saw a 34 percent increase in pounds of AI applied. The price of processing tomatoes increased 10 percent in 2009 compared to 2008.

Table 32: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for processing tomatoes each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, January 2010; marketing year average prices from 2004 to 2005 are from NASS, January 2007; marketing year average prices in 2006 are from NASS, January 2009; marketing year average prices from 2007 to 2009 are from NASS, January 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	11,296,815	12,269,869	10,677,234	11,585,908	14,543,851
Acres Treated	2,777,366	2,962,484	2,683,605	2,666,926	3,268,356
Acres Planted	267,000	283,000	301,000	281,000	312,000
Price/ton	$ 59.6	$ 65.4	$ 70.3	$ 78.6	$ 86.1

Table 33: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for processing tomatoes each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	-2	9	-13	9	26
Acres Treated	11	7	-9	-1	23
Acres Planted	-11	6	6	-7	11
Price/ton	4	10	7	12	10

Fungicide use, in terms of acres treated, increased 71 percent, which was the largest percent increase for the pesticide types. The most-used fungicides were sulfur, chlorothalonil, pyraclostrobin, myclobutanil, azoxystrobin, copper-based pesticides, mefenoxam, and difenoconazole. The use of all these fungicides increased. The increases in fungicide uses were attributable to the onset of severe tomato powdery mildew, one of the major issues for processing tomato growers. In 2009, there was an extremely large processing tomato crop which took longer than usual to harvest; this may have factored into the increased fungicide use. Sulfur, myclobutanil, and azoxystrobin are applied for mildews. Sulfur use increased 42 percent, myclobutanil 26 percent, and azoxystrobin 144 percent (Table 34). Dimethomorph, also used on powdery mildew, increased dramatically from the previous year, from 384 acres treated in 2008 to 9,164 acres in 2009. Difenoconazole, an AI newly registered for use on tomatoes, was used on 20,401 acres in 2009, primarily to combat powdery mildew. Use of copper-based pesticides increased 163 percent, likely due to the presence of bacterial speck, another major pest in the spring. Late blight is controlled using mefenoxam, pyroclostrobin, as well as azoxystrobin. Mefonoxam use increased 42 percent and pyroclostrobin 38 percent. Chlorothalonil use increased 73 percent in 2009 from 2008. A possible reason for the overall increase in fungicides may be due to increased knowledge of fungal pests and their economic effects, resulting in a higher number of prophylactic treatments.

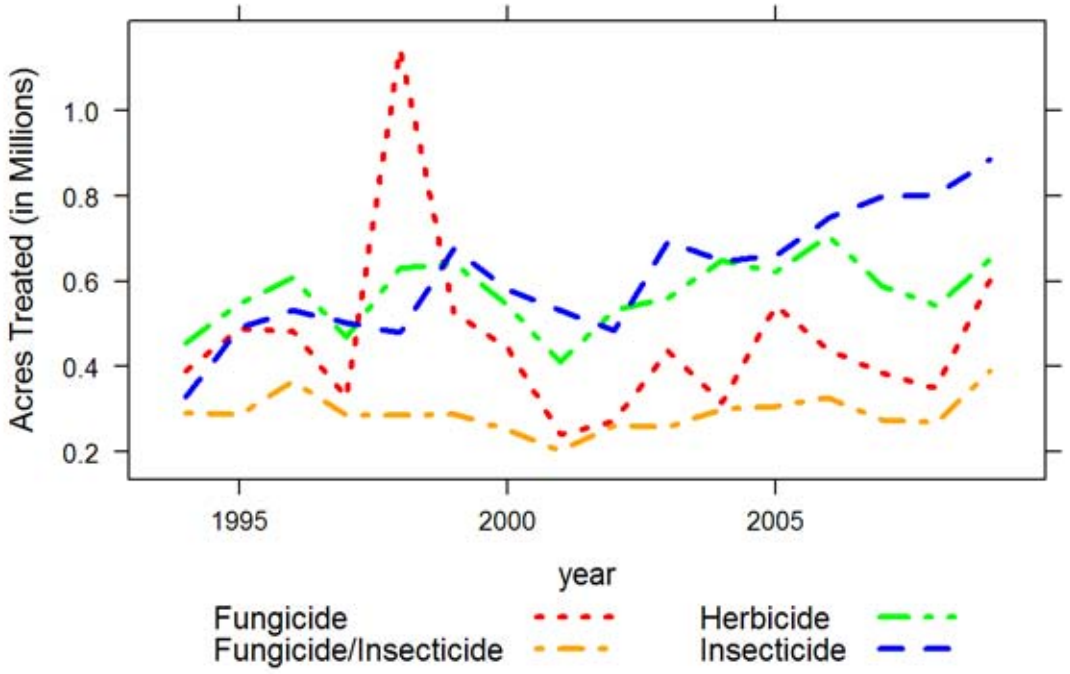

Figure 13: *Acres of processing tomatoes treated by all AIs in the major types of pesticides from 1994 to 2009. Sulfur and kaolin accounts for nearly all the fungicide/insecticide category*

Herbicide use increased 20 percent, in terms of acres treated, from 2008 to 2009 (Figure 13). The main herbicides used in processing tomato production were trifluralin, s-metolachlor, glyphosate, and rimsulfuron. Primary weeds of concern for processing tomatoes are nightshades and bindweed. Acres treated with trifluralin and s-metolachlor increased 9 percent and 13 percent, respectively. However, acres treated with rimsulfuron decreased 6 percent. The use of glyphosate, commonly used for preplant treatments in late winter and early spring, increased 42 percent. Use of carfentrazone-ethyl and clethodim increased significantly from 2008 to 2009: 6,610 to 19,151 acres for carfentrazone-ethyl and 4,718 to 12,691 acres for clethodim.

In 2009, 840,000 acres were treated with insecticides. Recurrent arthropod pests in processing tomatoes are russet mites, tomato fruitworms, armyworms, and potato aphid. Dimethoate, imidacloprid, chlorantraniliprole, lambda-cyhalothrin, carbaryl, bifenthrin, and methoxyfenozide were the most-used insecticides in 2009. Dimethoate, used for aphid control, remained the most-used insecticide in pounds of AI and acres treated in 2009; use did not change from 2008 to 2009. Due to an increase in the incidence of tomato spotted wilt, which is vectored by western flower thrips, there was a 25 percent increase in acres treated with imidacloprid for thrips management (Table 34). The application of lambda-cyhalothrin, also used to control thrips, increased 17 percent in acres treated. Bifenthrin use, which increased 72 percent in acres treated, although pounds of AI decreased 2 percent, is also used to manage tomato spotted wilt, as well as

Table 34: *The non-adjuvant pesticides with the largest change in acres treated of processing tomatoes from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
SULFUR	FUNGICIDE/ INSECTI-CIDE	292,697	303,982	267,344	265,339	376,396	111,057	42
CHLOROTHALONIL	FUNGICIDE	101,997	114,304	140,933	78,676	135,792	57,116	73
AZOXYSTROBIN	FUNGICIDE	30,766	30,262	31,462	34,426	84,149	49,723	144
GLYPHOSATE	HERBICIDE	101,177	118,161	76,016	86,792	123,514	36,722	42
PYRACLOSTROBIN	FUNGICIDE	54,581	53,634	66,297	95,678	132,274	36,596	38
METHOXYFEN-OZIDE	INSECTICIDE	71,046	93,152	106,233	81,312	46,428	-34,884	-43
CHLORANTRAN-ILIPROLE	INSECTICIDE				34,718	69,108	34,390	99
INDOXACARB	INSECTICIDE	77,468	85,314	70,068	72,162	41,811	-30,352	-42
COPPER	FUNGICIDE	136,762	74,214	26,846	14,931	39,298	24,367	163
CARBARYL	INSECTICIDE	7,312	12,302	28,164	34,616	56,426	21,810	63
BIFENTHRIN	INSECTICIDE		38	7,144	29,281	50,228	20,947	72
IMIDACLOPRID	INSECTICIDE	23,559	42,070	67,052	73,530	91,867	18,337	25
MYCLOBUTANIL	FUNGICIDE	19,042	31,505	37,307	68,747	86,764	18,017	26
S-METOLACHLOR	HERBICIDE	145,364	168,950	155,503	133,211	150,758	17,547	13
EMAMECTIN BENZOATE	INSECTICIDE	29,288	56,975	59,650	55,308	39,338	-15,971	-29

mites and stinkbugs. The use of chlorantraniliprole, a new AI used to control lepidopterous pests, increased 99 percent. Carbaryl use increased 63 percent. The increased use of carbaryl is likely due to the appearance of ground beetles during transplanting and seedling emergence. Methoxyfenozide saw a 43 percent decrease in 2009 from the previous year. Although not one of the most highly used insecticides, azadirachtin had the largest percentage increase in use. Use of malathion decreased dramatically for 6,443 acres treated in 2008 to 45 acres in 2009, likely due to increased regulatory concerns.

Processing tomato growers use the fumigants potassium N-methyldithiocarbamate (metam-potassium), metam-sodium, 1,3-dichloropropene (1,3-D), and to a lesser extent, aluminum phosphide. The three main fumigants are used to manage root-knot nematodes and for weed control, particularly those of the nightshade family. In 2009, fumigant use in pounds increased 9 percent from 2008 and accounted for about 24 percent of the total pounds of pesticide AIs applied. However, acres treated with fumigants decreased 15 percent. The number of acres treated with metam-potassium and 1,3-D decreased 26 and 62 percent, respectively, which may have been due to the availability of many varieties of tomato with resistance to several species of root knot nematode. Metam-sodium use increased 13 percent. Aluminum phosphide use was up 110 percent, a significant increase that may have been due to increased rodent control to protect buried drip tape.

Cotton

Cotton is grown for fiber, oil, and animal feed. Once one of the most widely grown crops in California, acres have decreased dramatically in the last few years. Total cotton acreage decreased 31 percent from 2008 to 2009. Two main kinds of cotton are grown: upland and Pima. In the last several years, the percent of cotton acres in Pima has increased; in 2009, 63 percent of cotton acreage was in Pima. Some upland cotton has also been genetically modified to be tolerant to the herbicide glyphosate. Most cotton is grown in the southern San Joaquin Valley, but a small percentage is grown in Imperial and Riverside counties and a few counties in the Sacramento Valley.

Table 35: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for cotton each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, June 2010; marketing year average prices in 2004 are from NASS, July 2005; marketing year average prices from 2005 to 2006 are from NASS, July 2007; marketing year average prices in 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, February 2010. "RR" refers to Roundup-Ready cotton. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	7,010,023	5,581,509	3,459,172	2,420,213	1,445,021
Acres Treated	11,416,289	9,767,050	6,306,290	4,950,596	2,854,192
Acres Planted Upland	430,000	285,000	195,000	120,000	71,000
Acres Planted Pima	230,000	275,000	260,000	155,000	119,000
Acres Planted RR	172,000	114,000	99,450	54,000	38,340
Acres Planted Total	660,000	560,000	455,000	275,000	190,000
Price Upland/lb	$0.60	$0.57	$0.72	$0.56	$0.72
Price Pima/lb	$1.26	$1.04	$0.99	$1.14	$1.14
Price All/lb	$0.83	$0.80	$0.88	$0.89	$0.98

Table 36: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for cotton each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	-2	-20	-38	-30	-40
Acres Treated	10	-14	-35	-21	-42
Acres Planted Upland	-23	-34	-32	-38	-41
Acres Planted Pima	7	20	-5	-40	-23
Acres Planted RR	16	-34	-13	-46	-29
Acres Planted Total	-15	-15	-19	-40	-31
Price Upland/lbs	8	-5	26	-22	29
Price Pima/lbs	25	-17	-5	15	0
Price All/lbs	22	-4	10	1	10

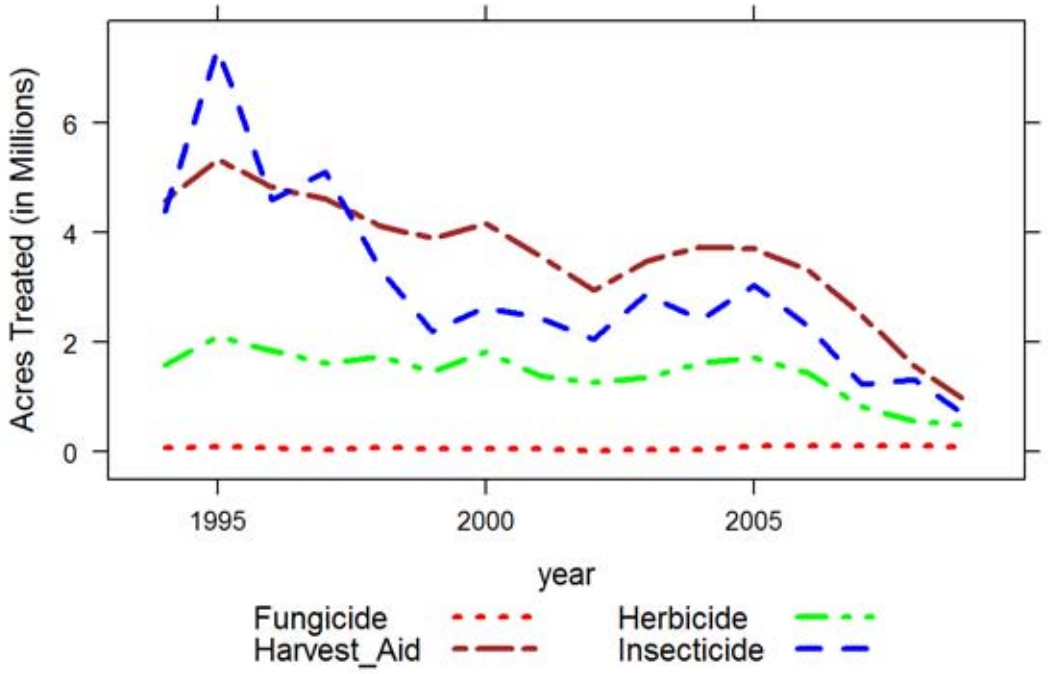

Figure 14: *Acres of cotton treated by all AIs in the major types of pesticides from 1994 to 2009.*

Total pesticide use on cotton decreased 40 percent from 2008 to 2009 (Table 35); use per acre planted also decreased. Use in all counties decreased, except in Sutter County, which has only small cotton acreage. Use of all AI types decreased; however, herbicides and fungicide had much smaller decreases (Figure 14). The use of insecticides decreased 54 percent in acres treated and 52 percent in pounds; herbicide use decreased 15 percent in acres treated and 9 percent in pounds; harvest aids, which are chemicals used to defoliate or desiccate cotton plants before harvest, decreased 44 percent in acres treated and 42 percent by pounds of AI; and fungicide use decreased 9 percent in acres treated and 6 percent in pounds.

Insecticide use decreased in 2009, partly because of reduced acreage, but use per acre planted decreased as well. The most-used insecticides by acres treated in 2009 were flonicamid, abamectin, acetamiprid, imidacloprid, chlorpyrifos, bifenthrin, and indoxacarb. Most insecticides decreased 40 to 80 percent in pounds, but use in pounds of bifenthrin increased 190 percent, thiamethoxam increased 34 percent, and buprofezin increased 9 percent. Although use of acetamiprid decreased, use per acres planted increased. By acres treated, nearly all insecticide use decreased. Acres treated with bifenthrin decreased 53 percent and thiamethoxam decreased 42 percent. Pounds of bifenthrin increased and acres treated decreased because of the use of a fairly new bifenthrin-containing product that can be used at higher rates. Insecticide use decreased in all major counties. The increase in pounds and rate of use of bifenthrin occurred primarily in a southwestern area of the San Joaquin Valley in June and July. Also increasing by pounds in this

Table 37: *The non-adjuvant pesticides with the largest change in acres treated of cotton from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
MEPIQUAT CHLORIDE	HARVEST AID	653,612	583,147	338,816	213,817	96,427	-117,390	-55
ETHEPHON	HARVEST AID	563,771	487,576	385,164	244,343	146,422	-97,921	-40
THIDIAZURON	HARVEST AID	503,099	465,903	370,921	238,852	149,378	-89,475	-37
DIURON	HARVEST AID	511,547	477,647	373,162	233,184	150,988	-82,196	-35
FLONICAMID	INSECTICIDE			184,070	184,789	107,609	-77,181	-42
PYRAFLUFEN-ETHYL	HARVEST AID	332,511	362,964	292,443	212,506	142,845	-69,660	-33
IMIDACLOPRID	INSECTICIDE	152,302	88,624	101,962	116,317	49,903	-66,414	-57
UREA DIHYDROGEN SULFATE	HARVEST AID	366,171	317,537	266,547	155,050	93,869	-61,181	-39
OXAMYL	INSECTICIDE	138,340	92,916	17,904	69,043	12,008	-57,035	-83
INDOXACARB	INSECTICIDE	307,177	244,855	63,422	93,783	39,052	-54,731	-58
PARAQUAT DICHLORIDE	HARVEST AID	381,290	424,408	264,366	182,235	130,897	-51,337	-28
CYFLUTHRIN	INSECTICIDE	106,553	65,863	22,900	64,827	15,578	-49,248	-76
ABAMECTIN	INSECTICIDE	320,683	250,327	211,551	121,842	76,135	-45,707	-38
BIFENTHRIN	INSECTICIDE	63,719	45,893	28,333	84,941	39,609	-45,332	-53
ALDICARB	INSECTICIDE	213,611	156,859	106,812	66,442	30,698	-35,744	-54

area were acetamiprid, buprofezin, thiamethoxam, malathion, pyriproxyfen, and *Bacillus thuringiensis*.

In 2009, most fields had low to moderate pest pressure, which is reflected in the decrease in insecticide use. Lygus bugs were generally not as big a problem in 2009 as in 2008, but in the previous few years they had been a problem in some areas because of greater acreage of safflower, less irrigation of alfalfa, and fewer acres of cotton. Safflower acreage increased especially in southern San Joaquin Valley, which accounts for the increased insecticide use in that area. Both safflower and alfalfa are good hosts for lygus and provided a continuous source of the bugs, which move into nearby cotton fields when safflower and alfalfa mature. Bifenthrin, whose rate of use increased, and flonicamid, the most-used insecticide, are used mostly for lygus. Acetamiprid use increased in some areas probably because of localized outbreaks of cotton aphid. Buprofezin is an insect growth regulator used for whiteflies.

The most-used herbicides by acres treated in 2009 were glyphosate, pendimethalin, paraquat dichloride, oxyfluorfen, trifluralin, and pyraflufen-ethyl. Use of most herbicides decreased by pounds and acres treated 1 to 60 percent except the use of paraquat dichloride, which increased 38 percent in pounds, MSMA, which increased 73 percent, and pyraflufen-ethyl, which increased 35

percent. Herbicide use decreased in all counties except in the southern area of the San Joaquin Valley, where most of the increase was from glyphosate use, and most of that increase occurred in May. Some AIs, such as paraquat dichloride, are used both as harvest aids and herbicides. Here it is assumed if use occurred between August and November it was used as a harvest aid, otherwise as an herbicide. The decrease in herbicide use was due mostly to the decrease in acres planted. The increased use of glyphosate in some areas was probably due to increased plantings of Roundup-Ready cotton, which is genetically engineered to be resistant to the glyphosate.

The main harvest aids by acres treated in 2009 were thidiazuron, diuron, ethephon, pyraflufen-ethyl, urea dihydrogen sulfate, and mepiquat chloride. Although mepiquat chloride is included here among the harvest aids, it is actually a growth regulator and is typically used mid-season. Use of all harvest aid AIs decreased 35 to 50 percent in all counties, attributable mostly to the decrease in acres planted.

Fungicides are not widely used in cotton, but their use per acre planted has been increasing in most years between 2002 and 2009 because of increased problems with seedling diseases, mostly *Rhizoctonia*. The most-used fungicides were azoxystrobin and iprodione; although their use decreased by pounds and acres treated, the use per acre planted increased. Other fungicides used were TCMTB, myclobutanil, chloroneb, mefenoxam, pyraclostrobin, and fludioxonil; use of all of these fungicides increased. Azoxystrobin and iprodione are applied to cotton fields at planting in March and April to control seedling diseases. The other fungicides are used as seed treatments and are not applied to the field.

Rice

California's Sacramento Valley has more than 95 percent of the state's rice acreage. The remainder is grown in the northern and central San Joaquin Valley. The leading rice-producing counties are Colusa, Sutter, Butte, Glenn, and Yolo. Approximately 500,000 acres in the Sacramento Valley are of a soil type restricting the crops to rice or pasture. The remainder of the acreage has greater crop flexibility.

Pesticide use decreased both in pounds of active ingredients applied and acres treated, by 3 percent and 2 percent, respectively, from 2008 to 2009 (Table 39). Planted acres increased 8 percent. There were no major shifts in pest pressure in 2009. As in 2008, herbicides were the most-used pesticide in 2009 (Figure 15). They accounted for 73 percent of non-adjuvant pesticide acres treated and 62 percent of the total pounds of non-adjuvant active ingredients applied. Herbicide, insecticide, and algaecide non-adjuvant pesticide acres treated decreased 5, 14, and 8 percent, respectively, from 2008 to 2009, while use of fungicide increased 15 percent. Major pesticides with the largest percent increases in acres treated included the fungicides propiconazole and trifloxystrobin and the herbicides bensulfuron methyl, 2,4-D, and bispyribac sodium. Pesticides with the largest percentage decreases in acres treated included the herbicides fenoxaprop-ethyl, cyhalofop butyl, and clomazone, the insecticide lambda-cyhalothrin, and the algaecide copper sulfate (Table 40).

Table 38: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for rice each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, June 2010; marketing year average prices in 2004 are from NASS, July 2005; marketing year average prices from 2005 to 2006 are from NASS, July 2007; marketing year average prices in 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, February 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	5,135,455	5,459,723	4,838,755	4,718,116	4,574,670
Acres Treated	1,996,823	2,100,371	2,292,628	2,468,221	2,428,070
Acres Planted	528,000	526,000	534,000	519,000	561,000
Price/cwt	$ 10.1	$ 11.6	$ 16.2	$ 27.5	$ 18.6

Table 39: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for rice each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	-23	6	-11	-2	-3
Acres Treated	-28	5	9	8	-2
Acres Planted	-11	0	2	-3	8
Price/cwt	45	15	40	70	-32

Lambda-cyhalothrin remained the most widely used insecticide by acres treated, although its use decreased 16 percent in 2009 from 2008. (S)-cypermethrin, the other commonly used insecticide, was also used less in 2009, its use decreasing 5 percent. Both insecticides are used primarily for rice water weevil control and secondarily for armyworm and tadpole shrimp. The rice water weevil is the number one insect pest in California rice. Insect pressure is low for California rice and these insecticides are used on only about 10 percent of planted fields. Copper sulfate is also used to control tadpole shrimp; however its primary use is for algae control in rice fields. Copper sulfate is known to bind to organic matter such as straw residue, making it less effective. Copper sulfate use decreased 8 percent from 2008 to 2009. Growers often rely on pyrethroids (e.g., lambda-cyhalothrin) to control tadpole shrimp and rice water weevil soon after flooding.

Trifloxystrobin, propiconazole, and azoxystrobin are reduced-risk fungicides often used as preventative treatments. Use of all three fungicides increased in treated acreage, largely in response to occurrences of rice blast. The higher disease pressure in 2009 may be a result of) resistance to the currently registered strobilurin fungicides, the phase-down of rice-straw burning (which simultaneously acted as a disease control, and cooler temperatures.

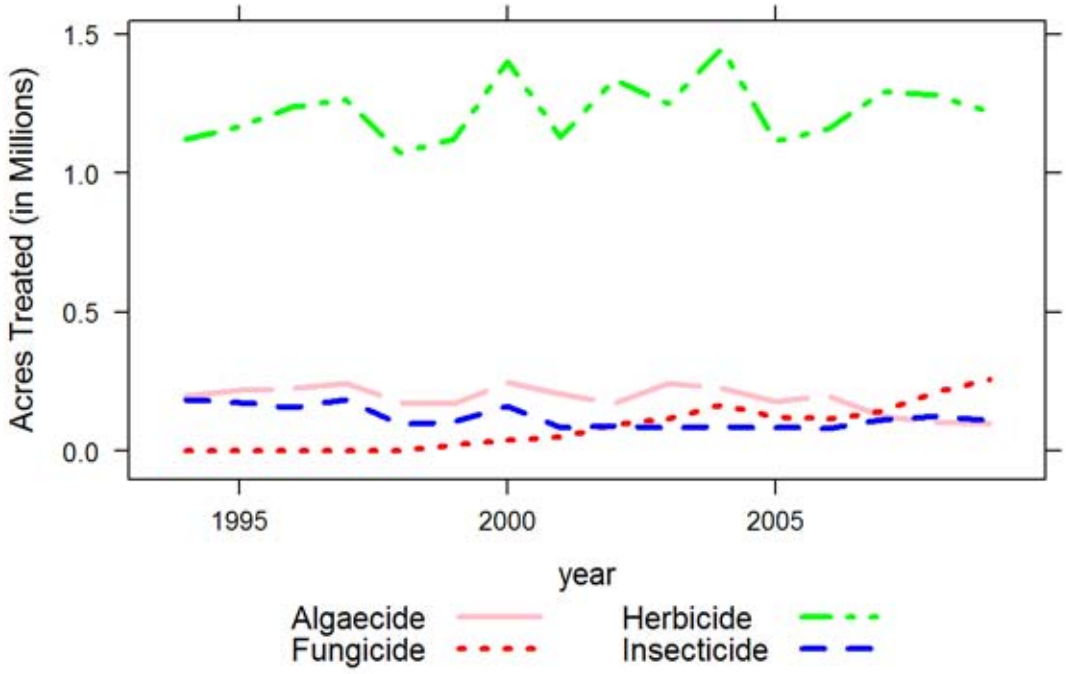

Figure 15: *Acres of rice treated by all AIs in the major types of pesticides from 1994 to 2009.*

The major herbicides used on rice in 2009 in terms of acres treated were propanil, triclopyr (triethylamine salt), clomazone, bispyribac-sodium, cyhalofop-butyl, penoxsulam, thiobencarb, bensulfuron methyl, 2,4-D, and fenoxaprop-ethyl. Use of all decreased between 2008 and 2009 except bensulfuron methyl, 2,4-D, bispyribac-sodium and thiobencarb, which increased 148, 110, 19 and 8 percent, respectively. The large increase in bensulfuron methyl use was somewhat surprising, given that widespread resistance to this herbicide is present in the fields. It is thought that price, difficulties in controlling ricefield bulrush with other products, marketing, and relative safety could be responsible for the increase in bensulfuron methyl use. Resistance is also an issue for clomazone, which saw a 20 percent decrease from 2008 to 2009.

Table 40: *The non-adjuvant pesticides with the largest change in acres treated of rice from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
CLOMAZONE	HERBICIDE	71,315	119,166	159,161	191,798	154,100	-37,698	-20
TRICLOPYR, TRIETHYLAMINE SALT	HERBICIDE	236,598	245,837	295,644	310,298	287,451	-22,848	-7
CYHALOFOP BUTYL	HERBICIDE	78,238	107,917	119,979	98,322	76,145	-22,177	-23
AZOXYSTROBIN	FUNGICIDE	108,844	105,448	139,787	202,683	221,331	18,648	9
BENSULFURON METHYL	HERBICIDE	17,336	15,085	11,742	12,446	30,925	18,480	148
PROPANIL	HERBICIDE	307,673	317,521	377,903	382,926	366,414	-16,512	-4
LAMBDA-CYHALOTHRIN	INSECTICIDE	54,627	39,618	59,505	85,828	71,997	-13,831	-16
BISPYRIBAC-SODIUM	HERBICIDE	58,923	56,586	62,019	68,448	81,753	13,305	19
2,4-D	HERBICIDE	17,914	12,893	19,946	10,754	22,585	11,830	110
TRIFLOXY-STROBIN	FUNGICIDE	6,126	5,601	1,046	5,109	14,928	9,819	192
PROPICONAZOLE	FUNGICIDE	6,126	5,601	1,046	5,109	14,928	9,819	192
COPPER	ALGAECIDE	179,268	2e+05	127,024	106,035	97,758	-8,277	-8
THIOBENCARB	HERBICIDE	118,786	79,109	74,251	67,483	72,660	5,177	8
PENOXSULAM	HERBICIDE	73,058	77,151	82,492	79,515	75,625	-3,890	-5
FENOXAPROP-ETHYL	HERBICIDE	3,237	3,418	2,552	3,444	142	-3,302	-96

Oranges

California accounts for 26 percent of the citrus production in the United States. Oranges on average account for about two-thirds of California's citrus crop (USDA Economic Research Service, 2007). Eighty-six percent of California oranges are grown in the San Joaquin Valley (Fresno, Kern and Tulare counties); the rest are grown in the interior region (Riverside and San Bernardino counties) and on the south coast (Ventura and San Diego counties). The number of bearing acres declined slightly (1 percent) in 2009 from 2008 (Table 42). Orange production was 22 percent lower in 2009 compared to 2008, boosting the price per box 31 percent.

The drought conditions in California affected fruit and nut tree production in the San Joaquin Valley, the state's major orange production region. There have already been reports of damage to navel oranges due to insufficient water. Continued drought conditions could stress the trees and may potentially have an adverse effect on next season's production.

Table 41: *Total reported pounds of all active ingredients (AI), acres treated, acres bearing, and prices for oranges each year from 2005 to 2009. Bearing acres from 2004 to 2008 are from CDFA, 2009; bearing acres in 2009 are from NASS, September 2009; marketing year average prices from 2004 to 2005 are from NASS, July 2006; marketing year average prices from 2006 to 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, September 2009. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	12,341,386	12,215,178	10,224,748	9,397,009	8,449,650
Acres Treated	2,627,278	2,520,099	2,397,546	2,329,284	2,247,718
Acres Bearing	191,000	190,000	190,000	188,000	186,000
Price/box	$ 10.51	$ 10.38	$ 11.27	$ 9.82	$ 12.91

Table 42: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres bearing, and prices for oranges each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	28	-1	-16	-8	-10
Acres Treated	17	-4	-5	-3	-4
Acres Bearing	-1	-1	0	-1	-1
Price/box	-6	-1	9	-13	31

Total pounds of pesticides used decreased 10 percent from 2008 to 2009 (947,359 pounds) and acres treated decreased 4 percent (81,566 acres). Pounds of pesticide used and acres treated have steadily fallen since 2005.

Overall, pounds of insecticides used in 2009 decreased 11 percent relative to 2008. In contrast, acres treated with insecticides increased 4 percent. The majority of the decrease in pounds came from reductions in the use of dimethoate, chlorpyrifos, and oil.

Oil, chlorpyrifos, cryolite, dimethoate, carbaryl, and *Bacillus thuringiensis* were the most-used insecticides based on pounds of active ingredients applied, but the amount used of each decreased from 2008. Pounds used of dimethoate decreased 40 percent, chlorpyrifos decreased 12 percent, and horticulture oil decreased 9 percent. Oil is a broad spectrum pesticide that kills soft-bodied insects such as aphids, immature whiteflies, immature scales, psyllids, immature true bugs, thrips, and some insect eggs as well as mites. Oils also control powdery mildew and other fungi. Oils are also added to other pesticides as adjuvants. Chlorpyriphos is a broad-spectrum insecticide used primarily for citricola scale control, but resistance has been documented. Growers are shifting to other insecticides such as imidacloprid. Dimethoate is used to treat citrus thrips, and its use is declining as it is being replaced by spinosad and spinetoram.

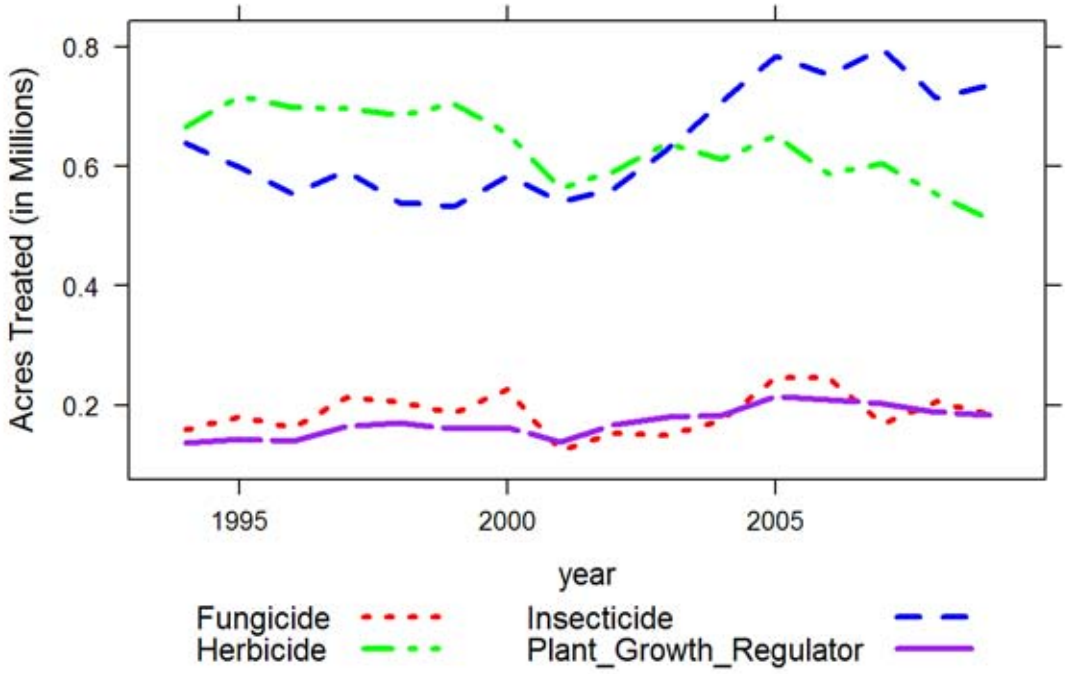

Figure 16: *Acres of oranges treated by all AIs in the major types of pesticides from 1994 to 2009.*

Oil, spinosad, pyriproxyfen, beta-cyfluthrin, abamectin, and chlorpyrifos were the insecticides used the most by acres treated. Pyriproxyfen is used for California red scale control and its acres treated increased 23 percent in 2009. The use of oil by acres treated, decreased marginally (1 percent decrease) in 2009 compared to 2008. Spinosad and spinetoram are primarily used to treat citrus thrips and their uses are increasing as growers replace dimethoate and formetanate. Acres treated with spinosad increased 27 percent; spinetoram was first used in 2008 and its use increased 77 percent to 24,931 acres in 2009. Growers are shifting to spinetoram because it is more persistent than spinosad. The use of hexythiazox to treat mites and spirotetramat to control California red scale increased 130 percent and 238 percent, respectively. These newly registered insecticides are very selective, allowing natural enemies to survive. They may eventually replace older insecticides and miticides.

Acres treated with fungicides decreased 10 percent between 2008 and 2009 and the pounds applied decreased 16 percent. The decrease was primarily due to reductions in use of copper-based pesticides, 12 percent decrease by acres treated and 16 percent decrease in terms of pounds AI applied. Copper-based pesticides are the most widely used fungicide on oranges. It is used to prevent Phytophthora gummosis, Phytophthora root rot, and fruit diseases such as brown rot and Septoria spot. These diseases are exacerbated by wet, cool weather during harvest. The 2009 winter and spring were dry, and fungal diseases were not as severe as in normal rainfall years. Similarly, imazalil is used as a post-harvest treatment to control storage decay and its use

Table 43: *The non-adjuvant pesticides with the largest change in acres treated of oranges from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
COPPER	FUNGICIDE	234,484	240,070	163,984	199,270	174,581	-24,689	-12
SPINOSAD	INSECTICIDE	106,022	102,534	119,426	67,634	86,055	18,421	27
PENDIMETHALIN	HERBICIDE	4,459	16,073	29,535	29,230	16,671	-12,559	-43
SPINETORAM	INSECTICIDE				14,124	24,931	10,807	77
GLYPHOSATE	HERBICIDE	398,359	351,848	364,657	316,841	306,745	-10,096	-3
DIMETHOATE	INSECTICIDE	22,008	25,209	34,785	27,222	17,471	-9,750	-36
DIURON	HERBICIDE	100,494	82,848	79,547	83,496	73,887	-9,609	-12
PYRIPROXYFEN	INSECTICIDE	41,263	43,323	57,139	40,268	49,714	9,445	23
RIMSULFURON	HERBICIDE			154	10,399	16,451	6,051	58
SIMAZINE	HERBICIDE	101,451	81,151	74,535	65,270	59,660	-5,609	-9
CARFENTRAZONE-ETHYL	HERBICIDE	237	9,004	10,943	10,189	5,368	-4,821	-47
HEXYTHIAZOX	INSECTICIDE		715	2,485	3,557	8,164	4,607	130
FORMETANATE HYDROCHLORIDE	INSECTICIDE	9,832	11,974	15,931	18,876	14,396	-4,480	-24
SPIROTETRAMAT	INSECTICIDE				1,829	6,181	4,352	238
2,4-D	PLANT GROWTH REGULATOR	149,359	147,396	141,852	132,620	128,552	-4,067	-3

in pounds was reduced 40 percent in 2009 from 2008.

Acres treated with herbicides decreased 43,635 acres (8 percent) between 2008 and 2009. The pounds of herbicides used decreased only 1 percent. Glyphosate, a post-emergent herbicide, was the most-used herbicide, followed by simazine and diuron, both pre-emergent herbicides. The pounds of glysophate applied in 2009 compared to 2008 increased 12 percent. In terms of pounds applied, use of simazine increased 1 percent in 2009, while diuron decreased 8 percent. Pendimethalin use in pounds decreased 45 percent and acres treated decreased 43 percent. The acres treated with rimsulfuron increased 58 percent. The increase in acres treated is most likely due to growers trying new products in lieu of some older herbicides. Decreased use of herbicides is partially due to ground water regulations, particularly those that affect the use of simazine and diuron, which are classified as ground water contaminates and regulated accordingly. Paraquat dichloride is associated with acute inhalation toxicity and worker safety issues. In addition, the dry weather in 2009 reduced weed pressure so fewer herbicides were needed.

Head lettuce

Head lettuce is grown in four areas in the state: the central coastal area (Monterey, San Benito, Santa Cruz, and Santa Clara counties); the southern coastal area (Santa Barbara and San Luis Obispo counties); the San Joaquin Valley (Fresno, Kings, and Kern counties); and the southern

deserts (Imperial and Riverside counties). In 2004, 59 percent of all California head lettuce was planted in the central coastal area, 17 percent in the southern coastal area, 12 percent in the San Joaquin Valley, and 11 percent in the southern deserts. In 2009, California produced about 85 percent of the head lettuce grown in the United States.

Table 44: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for head lettuce each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, January 2010; marketing year average prices from 2004 to 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, January 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	1,826,746	1,882,444	1,713,121	1,473,051	1,028,735
Acres Treated	2,361,120	2,314,357	2,189,818	1,990,148	1,767,921
Acres Planted	130,000	131,000	122,000	118,000	116,400
Price/cwt	$ 15.8	$ 17.8	$ 22.0	$ 21.3	$ 21.4

Table 45: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for head lettuce each year from 2005 to 2009 .*

	2005	2006	2007	2008	2009
Lbs AI	13	3	-9	-14	-30
Acres Treated	6	-2	-5	-9	-11
Acres Planted	-1	1	-7	-3	-1
Price/cwt	5	13	24	-3	0

Pesticide use on head lettuce fluctuated from 2005 through 2009 (Table 44). Use of all classes of pesticide declined from 2008 to 2009 (Figure 17). There was a 1 percent decrease in acres of head lettuce planted from 2008 to 2009 and a 2 percent decrease in acres of head lettuce harvested, yet yield per acre increased 4 percent, and overall production rose 2 percent.

The major pesticides with the largest increase in acres treated were the insecticide spirotetramat and the fungicides mandipropamid, fenamidone, and dimethomorph (Table 46). Major insecticides with the largest decrease were flonicamid, cyfluthrin, indoxacarb, diazinon, acetamiprid, permethrin, oxydemeton methyl, methoxyfenozide, (s)-cypermethrin, acephate, and imidacloprid. During 2009, the top insecticides used (by acres treated) were lambda cyhalothrin, imidacloprid, permethrin, (S)-cypermethrin, and spirotetramat. The main fungicides used were maneb, dimethomorph, propamocarb hydrochloride, boscalid, and mandipropamid. Three herbicides dominated: propyzamide (pronamide), bensulide, and benefin. Metam-sodium was the only fumigant used in the San Joaquin Valley; methyl bromide and chloropicrin were used only in the central coastal area.

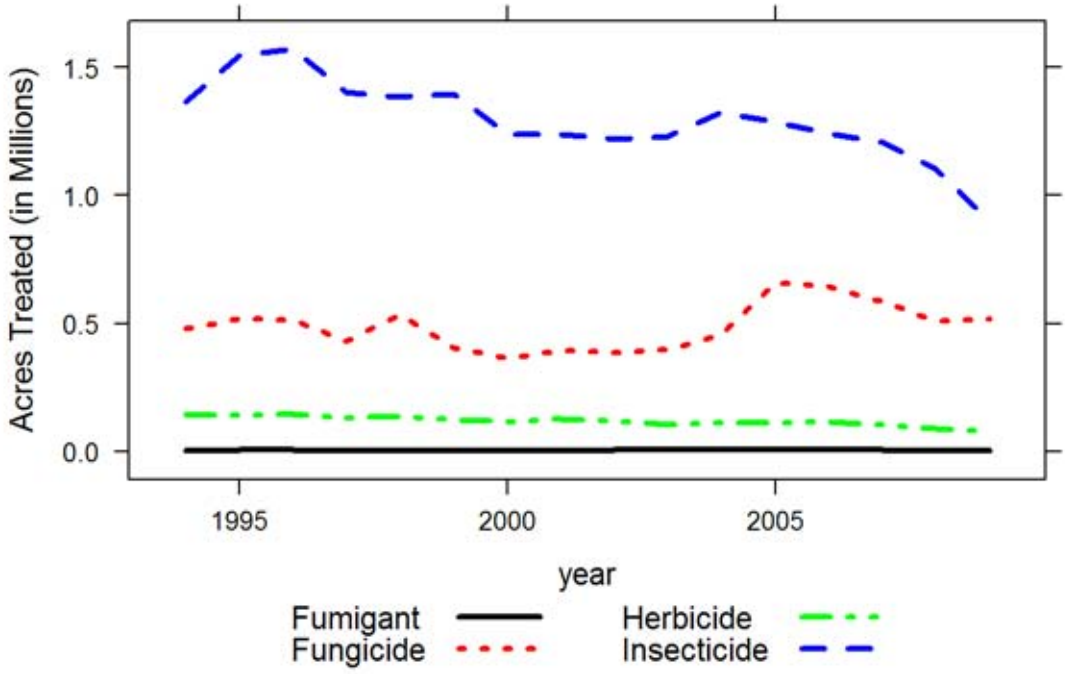

Figure 17: *Acres of head lettuce treated by all AIs in the major types of pesticides from 1994 to 2009.*

Insecticide use steadily declined from 2005 to 2009. Use from 2008 to 2009, as measured by acres treated, varied from 30 percent less in the San Joaquin Valley to 4 percent less in the southern coastal area. Use of lambda cyhalothrin, mostly for symphylans, increased in the central coast and San Joaquin Valley. Use of the neonicotinoid insecticide imidacloprid, used mostly to suppress lettuce and foxglove aphids, fell about 20 percent in all areas except the San Joaquin Valley, where use increased 9 percent. In the southern deserts, permethrin is mostly used for managing seedling pests such as crickets, earwigs, cutworms, and sowbugs. Its use decreased in that area 25 percent. Permethrin use also decreased in the inland areas, but increased in the coastal areas, where it is used for loopers and other lepidopterous pests. The insecticide (S)-cypermethrin is used to manage caterpillars of beet armyworm and cabbage looper, primarily pests in the southern deserts. During 2009, statewide use of (S)-cypermethrin decreased 18 percent, but its use in the southern coastal area increased 72 percent. From 2008 to 2009, use of the aphid systemic insecticide acephate declined in all regions except the southern deserts.

Use of all of the aphid insecticides—diazinon, oxydemeton-methyl, acetamiprid, imidacloprid, and flonicamid—fell off from 2008 to 2009, except use of spirotetramat, which increased almost threefold in all areas except the San Joaquin Valley, where use increased almost twofold. Use of acetamiprid increased in the southern deserts. Use of insecticides that target Lepidoptera generally decreased in all areas.

Table 46: *The non-adjuvant pesticides with the largest change in acres treated of head lettuce from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
DIAZINON	INSECTICIDE	129,042	130,840	128,807	90,502	35,538	-54,964	-61
SPIROTETRAMAT	INSECTICIDE				15,647	56,593	40,946	262
MANEB	FUNGICIDE	234,446	226,113	203,098	203,053	168,426	-34,626	-17
OXYDEMETON-METHYL	INSECTICIDE	56,836	54,236	55,861	53,330	27,494	-25,836	-48
(S)-CYPERMETHRIN	INSECTICIDE	107,410	114,210	104,169	89,863	65,006	-24,857	-28
METHOXYFEN-OZIDE	INSECTICIDE	57,931	51,333	59,839	50,387	27,598	-22,788	-45
MANDIPROPAMID	FUNGICIDE				13,522	33,909	20,387	151
IMIDACLOPRID	INSECTICIDE	86,047	82,863	100,953	105,593	85,752	-19,841	-19
ACETAMIPRID	INSECTICIDE	29,910	35,889	48,838	37,609	19,064	-18,545	-49
DIMETHOMORPH	FUNGICIDE	98,433	94,852	67,596	45,926	61,172	15,246	33
ACEPHATE	INSECTICIDE	83,107	69,796	64,963	55,783	40,650	-15,132	-27
CYFLUTHRIN	INSECTICIDE	15,020	15,111	12,586	19,249	5,319	-13,930	-72
FENAMIDONE	FUNGICIDE	21,930	20,703	11,848	16,262	28,132	11,869	73
FLONICAMID	INSECTICIDE			2,250	12,894	1,142	-11,752	-91
INDOXACARB	INSECTICIDE	31,967	24,432	27,605	17,780	6,606	-11,174	-63

Fungicide use by acres treated increased 1 percent throughout California from 2008 to 2009, although use by pounds decreased 11 percent. Use by acres treated decreased in the southern deserts, San Joaquin Valley, and central coast (31, 3, and 1 percent, respectively), but cooler-than-normal spring weather and late spring rains throughout California may have led to a 20 percent increase in fungicide use in the southern coastal area, especially the Santa Maria Valley. In the central coastal area, growers are using more drip irrigation, which usually reduces the incidence of downy mildew and lettuce drop, requiring less use of fungicides.

Several active ingredients—some containing conventional AIs and some containing reduced risk AIs—are rotated to control downy mildew, a disease that has many pathovars. Maneb, used primarily to manage downy mildew and prevent anthracnose, was again the dominant fungicide, as it has been every year since the early 1990s. Statewide use of maneb declined from 2008 to 2009, although use in the southern coast remained constant. Use of dimethomorph and fosetyl-al increased in the coastal areas and declined in inland areas. A new product containing mandipropamid was registered in June 2008 and was the third most used fungicide by acres in the coastal areas to manage downy mildew. Use of fenamidone shot up in the Central Coast and was the second most used fungicide in the San Joaquin Valley. Use of propamocarb hydrochloride for seedling diseases increased in the southern coast and decreased in the southern deserts and central coast.

Lettuce drop (Sclerotinia drop) is another fungal disease controlled with a changing array of AIs. Use of iprodione had declined in all areas from 2004 to 2009. Use of boscalid, a reduced-risk material, continued to rise in all lettuce-growing regions except the Central Coast. Sulfur is applied as a foliar treatment for powdery mildew and is mostly used in the San Joaquin Valley, where its use decreased 22 percent from 2008 to 2009.

Herbicide use by acres treated decreased statewide 15 percent from 2008 to 2009, most notably in the inland areas. Use of propyzamide (pronamide), applied as a postplant-preemergence herbicide, decreased statewide 14 percent from 2008 to 2009. Consistent with its use for the past ten years, propyzamide was applied to many more acres than the pre-emergent herbicide, bensulide, which targets small-seeded annual grasses and is not as effective as propyzamide in the coastal areas. Use of benefin, a preplant herbicide popular in the San Joaquin Valley, decreased from 2008 to 2009 in all areas and was not used at all in the southern coastal area.

Nematodes are not economic pests of head lettuce so soil is fumigated primarily to manage soil-borne diseases and suppress weeds. In the central coastal area, growers often rotate lettuce with strawberries, for which fumigation is routine. In 2009, 20 percent of total pounds of AI applied were fumigants; however, they were used on 1 percent of all planted lettuce acreage. No fumigants were used in the southern deserts or southern coastal area. Metam-sodium, a broad-spectrum contact soil sterilant, was used only in the San Joaquin Valley, where its use from 2008 to 2009 dropped 60 percent. Use of metam-potassium plummeted to zero. Methyl bromide and chloropicrin, typically used only in the central coastal area, were not used in 2008. In 2009, these fumigants were applied to around 0.1 percent of central coast acres planted to lettuce.

Strawberries

California produces 89 percent of the total U.S. production of 2.8 billion pounds of strawberries. In 2009, California produced 2.49 billion pounds valued at more than $1.72 billion. Strawberries are grown mostly for fresh market ($1.58 billion). Market prices determine the amount processed. California strawberry production occurs primarily along the central and southern coast, with smaller but significant production in the Central Valley.

Strawberry acres harvested increased 6 percent and acres treated with pesticides increased 9 percent from 2008 to 2009 (Table 48). Total pounds of pesticide applied changed insignificantly from 2008 to 2009. Fungicides, followed by insecticides, account for the largest proportion of pesticides applied by acres treated (Figure 18). By acres, use of fungicides increased 8 percent, while insecticides increased 18 percent and herbicides increased 94 percent. The major pesticides with greatest increase in acres treated from 2008 to 2009 were malathion, novaluron, naled, oil, sulfur, quinoxyfen, myclobutanil, and captan (Table 49). The major pesticides with decreased use by acres treated were boscalid, pyraclostrobin, spinosad, spinetoram, and methomyl.

The most important fungal diseases of strawberries are Botrytis and powdery mildew. The major fungicides used to control these diseases, by acres treated, in 2009 were sulfur, captan,

Table 47: *Total reported pounds of all active ingredients (AI), acres treated, acres harvested, and prices for strawberries each year from 2005 to 2009. Harvested acres from 2004 to 2008 are from CDFA, 2009; harvested acres in 2009 are from NASS, July 2010; marketing year average prices from 2004 to 2006 are from NASS, August 2009; marketing year average prices from 2007 to 2009 are from NASS, July 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	9,227,498	9,380,340	9,641,506	9,906,813	9,972,306
Acres Treated	1,279,092	1,291,122	1,357,345	1,514,202	1,657,854
Acres Harvested	34,300	35,800	35,500	37,600	39,800
Price/cwt	$ 62.6	$ 65.1	$ 69.5	$ 69.6	$ 69.4

Table 48: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres harvested, and prices for strawberries each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	-4	2	3	3	1
Acres Treated	3	1	5	12	9
Acres Harvested	3	4	-1	6	6
Price/cwt	1	4	7	0	0

pyraclostrobin, fenhexamid, myclobutanil, boscalid, cyprodinil, fludioxonil, quinoxyfen, pyrimethanil, propiconazole, and triflumizole. In general, use of fungicides effective against Botrytis fruit rot increased in 2009, and use of those effective against powdery mildew remained roughly the same as in 2008. Botrytis risk increases during warm, wet conditions. Fungicides used to control Botrytis include some that have been registered a long time (captan, fenhexamid, cyprodinil, fludioxonil, thiophanate-methyl, and thiram), boscalid, and the more recently registered QST 713 strain *Bacillus subtilis*, pyrimethanil, and propiconazole. Acres treated with all of these AIs increased in 2009 except for boscalid, which declined 29 percent. Use continues to increase for propiconazole, pyrimethanil, and QST 713 strain *Bacillus subtilis*, introduced in 2008, 2006, and 2005, respectively.

Powdery mildew thrived in 2009, favored by low free moisture on leaves but high humidity. To control powdery mildew, conventional strawberry growers primarily used sulfur, pyraclostrobin, myclobutanil, boscalid, quinoxyfen propiconazole, and triflumizole. Sulfur is inexpensive and is also used by organic growers. In 2009 use of sulfur increased 9 percent, myclobutanil 20 percent, propiconazole 14 percent, quinoxyfen 42 percent, triflumizol 6 percent, and azoxystrobin 63 percent, while use of boscalid decreased 29 percent, pyraclostrobin 21 percent, and potassium bicarbonate 47 percent. The newer products quinoxyfen and propiconazole, introduced in 2007 and 2008, respectively, have had increasing use on summer-planted berries which are particularly susceptible to powdery mildew. Quinoxyfen provides a new multi-site mode of action to control

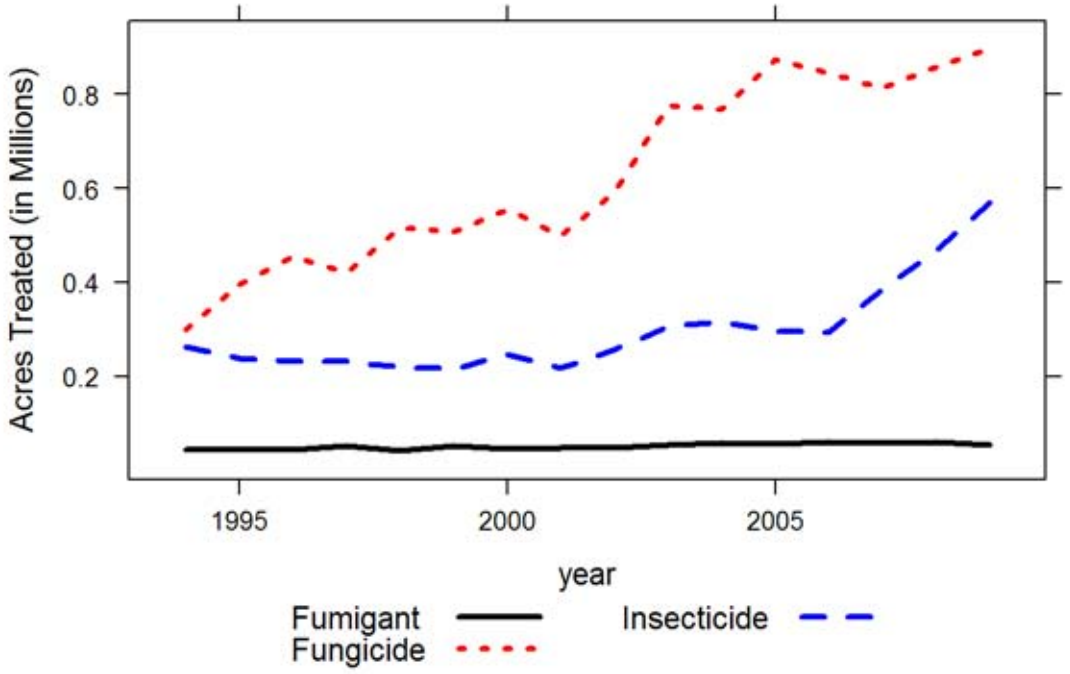

Figure 18: *Acres of strawberries treated by all AIs in the major types of pesticides from 1994 to 2009.*

powdery mildew that is different from the demethylation inhibitors, such as propiconazole and myclobutanil, and the strobilurins. It is generally used as a preventative treatment and reduced the use other fungicides. Propiconazole, registered for strawberries in 2008, is a fungistatic demethylation inhibitor like myclobutanil. The newly introduced trifloxystrobin, like other strobilurins, acts on the mitochondrial respiratory pathway to inhibit sporulation and mycelial growth. Pyraclostrobin is frequently used in combination with boscalid; both acres treated and pounds of AI with these two AIs decreased in 2009. Reduced use is thought to be due to reduced efficacy. Use of mefenoxam, effective against red stele, leather rot, and crown rot, increased 19 percent in 2009. Some of the increased use of captan may have been due to its effectiveness on the plant collapse pathogens.

The major insect pests of strawberries are lygus bugs and worms (various moth and beetle larvae), especially in the Central and South Coast growing areas. Until recently, lygus bugs were not considered a problem in the South Coast, but lygus has become a serious threat, probably due to warmer, drier winters and increased diversity in the regional crop complex that support this pest. The major insecticides used in 2009 by acres treated were malathion, *Bacillus thuringiensis*, naled, bifenthrin, oil, bifenazate, abamectin, fenpropathrin, spinetoram, novaluron, spiromesifen, and acetamiprid.

Table 49: *The non-adjuvant pesticides with the largest change in acres treated of strawberries from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
MALATHION	INSECTICIDE	37,523	28,460	34,528	51,226	76,413	25,187	49
NOVALURON	INSECTICIDE					24,497	24,497	
BOSCALID	FUNGICIDE	52,115	56,822	55,747	62,277	44,167	-18,110	-29
NALED	INSECTICIDE	20,666	18,681	23,819	33,916	51,937	18,021	53
OIL	INSECTICIDE	866	690	7,408	20,204	36,957	16,753	83
PYRACLO-STROBIN	FUNGICIDE	67,092	68,369	66,997	71,318	56,509	-14,809	-21
SULFUR	FUNGICIDE	124,754	129,069	139,486	134,076	146,784	12,707	9
SPINOSAD	INSECTICIDE	46,420	46,855	49,814	22,804	13,329	-9,475	-42
QUINOXYFEN	FUNGICIDE			14,859	19,055	27,016	7,961	42
MYCLOBUTANIL	FUNGICIDE	42,506	43,221	51,487	39,554	47,288	7,734	20
SPINETORAM	INSECTICIDE			246	32,379	24,694	-7,686	-24
CAPTAN	FUNGICIDE	174,707	151,742	127,029	135,757	141,681	5,924	4
PYRETHRINS	INSECTICIDE	1,749	2,688	9,743	6,358	12,186	5,828	92
METHOMYL	INSECTICIDE	20,075	16,708	18,495	12,994	7,641	-5,353	-41
PIPERONYL BUTOXIDE	INSECTICIDE	174	60	1,290	2,462	7,194	4,732	192

Acres treated with all of these major insecticides increased except those treated with spinetoram, which decreased 24 percent, spinosad (down 42 percent), methoxyfenozide (down 14 percent), and methomyl (down 41 percent). *Bacillus thuringiensis*, spinosad, and the newly registered spinetoram are biological pesticides primarily used against lepidopeteran larvae. Spinosad and spinetoram are also effective against thrips. Spinosad and spinetoram have longer residual action and are generally more effective so do not need to be applied as frequently as *Bacillus thuringiensis*. Spinetoram, with the same mechanism of action as spinosad, appears to have partially replaced spinosad and *Bacillus thuringiensis*.

Increase in lygus bug populations in the South Coast growing areas and widespread resistance to pyrethroid pesticides led to increased use of products with other modes of action, in particular, malathion (up 29 percent), *Bacillus thuringiensis* (up 8 percent), naled (up 53 percent), bifenthrin (up 1 percent), abamectin (up 14 percent), spinetoram, the newly registered acetamiprid (up 27 percent), and novaluron (used for the first time in 2009). Novaluron is an insect growth regulator acting on chitin synthesis in larvae of Coleoptera, Hemiptera, and Lepidoptera. Fenpropathrin (up 9 percent), malathion, spiromesifen (up 22 percent), bifenthrin, and pyriproxyfen (up 44 percent) are effective against whiteflies. Pyriproxyfen is an insect growth regulator registered in 2002. *Bacillus thuringiensis* and spinosad, as well as pyrethrins (up 92 percent), are available for use by organic growers. Like *Bacillus thuringiensis*, pyrethrins have short residual activity and so may require multiple sprays.

Increased two-spotted spider mite and red spider mite pressure resulted in a 12 percent increase in use of bifenazate, which is effective and has low toxicity to predatory mites. The use in acres treated of several other pesticides increased in response to mite pressure: spiromesifen (up 22 percent), acequinocyl (up 126 percent), abamectin (up 14 percent), and hexythiazox (up 6 percent). Most conventional growers continue to use bifenazate, which was introduced in 2003. Acequinocyl is effective against cyclamen mite, which is not controlled by bifenazate. The increase in mite problems may be due to relatively warm and dry winter weather, but it may also be due to carryover of mite populations from susceptible summer-planted berries.

Herbicide use increased 107 percent from 8,063 acres in 2008 to 15,629 acres in 2009. For controlling weeds with hard coated seeds, flumioxazin (up 23 percent), oxyfluorfen (up 393 percent), and napropamide (up 85 percent), in combination with clear plastic mulches, are cost effective compared to hand weeding and sequential metam sodium applications.

Strawberry production relies on several fumigants. In 2009, fumigants accounted for about 78 percent of all pesticide AIs by pounds applied in strawberries, and 75 percent of strawberry acres were treated with fumigants, but fumigants accounted for only 2 percent of total cumulative acres treated of all AIs. Acres treated with fumigants in 2009 declined 10 percent. Chloropicrin decreased 8 percent, methyl bromide use decreased 15 percent, 1,3-dichloropropene (1,3-D) use decreased 7 percent, and metam-sodium use decreased 6 percent. Newer fumigant formulations have shown increased effectiveness against soil-borne fungal pathogens. Methyl bromide is used primarily to control pathogens and nut sedge. Metam-sodium is generally more effective in controlling weeds, but less effective than 1,3-D or 1,3-D-plus-chloropicrin against soil-borne diseases and nematodes. Fumigants usually are applied at higher rates than other pesticide types, such as fungicides and insecticides. Fumigants are applied at high rates, in part because they treat a volume of space rather than a surface area such as leaves and stems of plants. Thus, the pounds applied are large relative to other pesticide types even though the number of applications or number of acres treated may be relatively small.

Peaches and nectarines

California ranks first in the United States in peach and nectarine production. In 2009 the state grew 74 percent of all U.S. peaches (including 55 percent of fresh market peaches and all of the processed peaches) and 90 percent of nectarines. Most freestone peaches and nectarines are produced in the central San Joaquin Valley and are sold on the fresh market. Clingstone peaches, largely grown in the Sacramento Valley, are used exclusively for processing into canned and frozen products, including baby food and juice. Nectarine- and freestone peach-bearing acreage declined from 31,000 acres each in 2008 to 29,000 and 28,000 acres, respectively, in 2009, while clingstone peach acreage declined from 25,000 to 24,500 acres. Peaches and nectarines are discussed together because pest management issues for the two crops are similar.

Peach and nectarine acreage treated with the major categories of pesticides has fluctuated from year to year since 1994 (Table 50). Data for most types of pesticide do not show substantial

Table 50: *Total reported pounds of all active ingredients (AI), acres treated, acres bearing, and prices for peaches and nectarines each year from 2005 to 2009. Bearing acres from 2004 to 2008 are from CDFA, 2009; bearing acres in 2009 are from NASS, July 2010; marketing year average prices from 2004 to 2006 are from NASS, August 2009; marketing year average prices from 2007 to 2009 are from NASS, July 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	6,514,894	6,793,883	5,153,494	5,356,870	4,981,933
Acres Treated	1,581,849	1,697,962	1,407,695	1,438,882	1,373,271
Acres Bearing	97,400	92,000	88,500	87,000	81,500
Price/ton	$ 528	$ 570	$ 221	$ 229	$ 346

Table 51: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres bearing, and prices for peaches and nectarines each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	1	4	-24	4	-7
Acres Treated	4	7	-17	2	-5
Acres Bearing	-5	-6	-4	-2	-6
Price/ton	55	8	-61	4	51

increasing or decreasing use trends (Figure 19). Total acres treated with pesticides and total pounds of pesticide AI applied decreased from 2008 levels 5 percent and 7 percent, respectively (Table 51). Acres treated with all types of pesticide active ingredients declined.

Drought conditions continued in California for a third year. The 2008-2009 winter season brought only 75 percent of normal total rainfall statewide. Plenty of wintertime chill hours left trees “well rested” before spring bloom. There was frost damage in March, but in many areas the damage was light enough to be considered an aid to thinning, which reduced labor costs. With generally favorable weather, average clingstone peach yield per acre increased about 14 percent compared to 2008, producing the second biggest crop on record. Nevertheless, the price per ton declined only slightly from a 2008 record high. Frost damage, tree removal, and acreage reductions due to water shortage contributed to a 19 percent reduction in freestone peach production and a 30 percent drop in nectarine production. Nectarine prices held up well, but prices for freestone peaches were low: for four to five weeks, prices stayed at or below the cost of production. As in 2008, financial hardship forced some freestone peach and nectarine growers and packers out of business. Growers continued to be strongly motivated to cut production costs.

Total peach and nectarine acres treated with insecticides and miticides decreased about 4 percent in 2009, roughly in line with the decrease in bearing acreage. There were thrips problems at

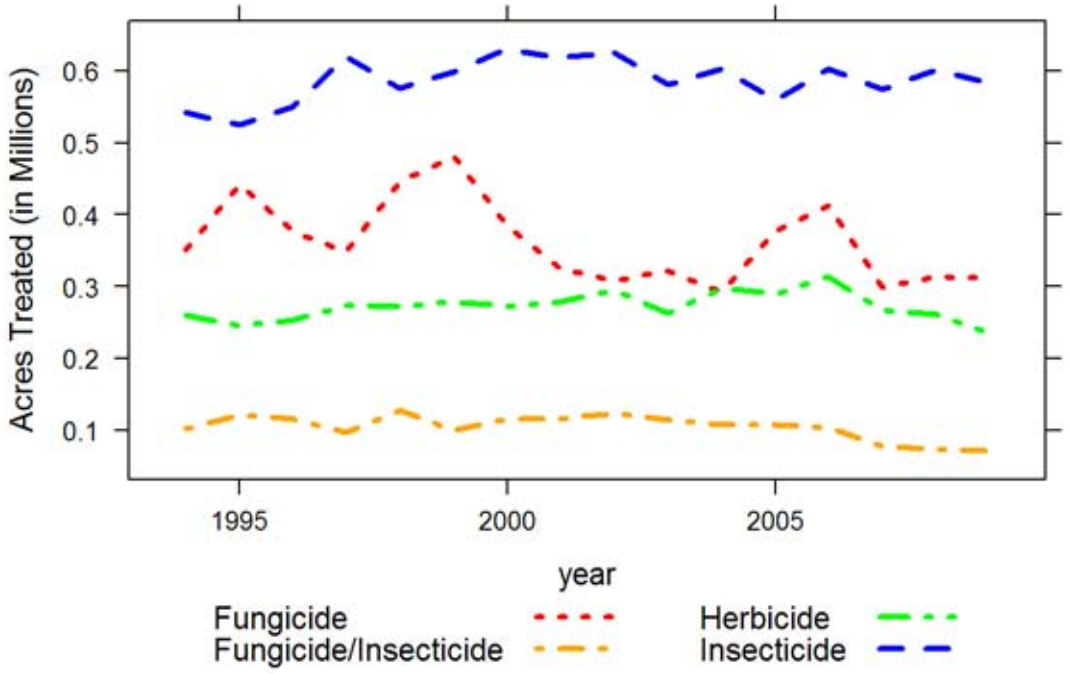

Figure 19: *Acres of peaches and nectarines treated by all AIs in the major types of pesticides from 1994 to 2009.*

bloom in some areas and continuing drought favored mite infestations. The most-used insecticides by acres treated in peaches and nectarines were: oils; esfenvalerate; and the oriental fruit moth (OFM) mating disruption pheromones E-8-dodecenyl acetate, Z-8-dodecenyl acetate, and Z-8-dodecenol. Oils are applied during the dormant season to forestall outbreaks of scales, mites, and moth pests. Esfenvalerate is a broad-spectrum chemical that may be used in dormant applications or during the growing season, often as an alternative to the more expensive OFM pheromones. Especially during an economic downturn, rebates and price reductions as well as efficacy affect choice of pesticide products. Table 52 lists AIs with the largest changes in acres treated from 2008 to 2009. Acres treated with esfenvalerate declined slightly more than bearing acreage, and OFM pheromones slightly less. Use of lambda-cyhalothrin, a substitute for esfenvalerate, increased. Acres treated with formetanate hydrochloride declined. Formetanate hydrochloride is an older broad-spectrum insecticide that controls thrips but triggers mite problems (although it is sometimes used as a miticide). In contrast, acres treated with spinetoram, the main alternative for thrips control, and with spirodiclofen, a contact miticide, increased. Spinetoram and two other relatively new and increasingly used AIs, chlorantraniliprole and indoxacarb, are effective against OFM, peach twig borer, and katydids. Spinosad is being replaced by spinetoram, which received maximum residue levels in 2009 that allow its use on fresh produce for export. Methoxyfenozide use may have decreased at least in part because of ineffectiveness against katydids. Residue issues and declining effectiveness for moth control may

Table 52: *The non-adjuvant pesticides with the largest change in acres treated of peaches and nectarines from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
ZIRAM	FUNGICIDE	39,451	57,398	54,144	58,629	36,483	-22,146	-38
CHLORANTRAN-ILIPROLE	INSECTICIDE				2,083	23,434	21,351	1,025
COPPER	FUNGICIDE	79,751	70,637	43,875	40,659	60,089	19,430	48
SPINOSAD	INSECTICIDE	24,587	30,947	35,337	32,899	16,828	-16,071	-49
PHOSMET	INSECTICIDE	32,253	41,204	37,782	32,179	17,905	-14,273	-44
GLYPHOSATE	HERBICIDE	143,569	152,461	126,486	116,495	107,294	-9,202	-8
ESFENVALERATE	INSECTICIDE	95,817	101,673	80,572	92,197	83,632	-8,564	-9
INDOXACARB	INSECTICIDE				841	8,886	8,045	957
METHOXYFEN-OZIDE	INSECTICIDE	10,037	16,646	22,020	19,352	11,896	-7,455	-39
2,4-D	HERBICIDE	28,298	31,838	26,046	28,519	21,802	-6,717	-24
SPINETORAM	INSECTICIDE				8,551	14,770	6,219	73
SPIRODICLOFEN	INSECTICIDE			12,066	16,916	23,104	6,188	37
FORMETANATE HYDROCHLORIDE	INSECTICIDE	15,386	14,639	11,216	16,431	11,781	-4,650	-28
LAMBDA-CYHALOTHRIN	INSECTICIDE	19,910	16,458	16,395	13,778	17,820	4,042	29
PENDIMETHALIN	HERBICIDE	1,622	3,471	20,200	24,289	20,404	-3,884	-16

have contributed to a significant decrease in phosmet use, which is consistent with a longer-term trend away from high-risk pesticides.

Although February, May, and June rainfall was above average during the otherwise relatively dry 2008-2009 rainy season, total peach and nectarine acres treated with fungicides decreased 1 percent. The most-used fungicides by acres treated were sulfur, propiconazole, copper-based pesticides, ziram, iprodione, and pyraclostrobin/boscalid. Sulfur is the standard treatment for powdery mildew. Propiconazole is a low-dose chemical applied against fungi and powdery mildew. Ziram and copper-based pesticides are effective for leaf curl and shot hole disease, and ziram also controls scab. Pyraclostrobin and boscalid are reduced-risk alternatives for mildew and fungus control. Acres treated with ziram decreased significantly in 2009, whereas acres treated with copper-based pesticides increased (Table 52). Newer, more user-friendly copper-based pesticides have become available. Fluctuations in product prices as well as the relative efficacy of different AIs may also have influenced fungicide application decisions.

When profit margins shrink, some growers cut back on weed control. Cost-cutting and continued suppression of weeds by the third year of drought likely contributed to the 10 percent reduction in total acres treated with herbicides in 2009. As in 2008, the most-used herbicides by acres treated were glyphosate, oxyfluorfen, 2,4-D, pendimethalin, and paraquat. Acres treated with all those

AIs except oxyfluorfen decreased significantly, and the total pounds of oxyfluorfen applied decreased. Although fewer acres were treated with glyphosate (Table 52), total pounds of glyphosate applied rose 11 percent. Weed resistance to glyphosate is increasing, causing growers to apply higher doses and/or to rely increasingly on alternatives.

In peach and nectarine orchards, most fumigants are used for soil treatments to suppress nematodes, pathogens, and weeds. Total peach and nectarine acres treated with fumigants declined 23 percent in 2009. That change may be associated with industry tree-removal programs that bring production more in line with demand, the replanting of peach and nectarine acreages to other crops, and environmental regulations. The most widely applied pre-plant soil fumigant is 1,3-D, followed by methyl bromide and chloropicrin. The post-plant fumigant sodium tetrathiocarbonate is also used against soil pests, including for control of ring nematode in response to bacterial canker problems. Growers appear to be reducing soil fumigant application rates and/or moving from broadcast application to spot or row treatments. Those changes save money and also respond to regulatory encouragement to reduce emissions of volatile organic compounds (VOCs), which are precursors to ground level ozone formation. Methyl bromide is expensive and increasingly restricted because it depletes stratospheric ozone. Changing relationships between nematode infestations, rootstock choices, and application patterns also affect fumigant selection and use from year to year.

Methyl bromide is currently the only fumigant used to treat fresh peaches and nectarines for export. In 2009, pounds of methyl bromide applied post-harvest declined 17 percent. This is consistent with a 36 percent decrease in export shipments of freestone peaches and nectarines in 2009. Near-record levels of production and exports in 2008, low consumer demand due to global recession, and currency exchange rate fluctuations all played a role in reducing export shipments.

Carrots

California is the largest producer of fresh market carrots in the United States, accounting for 83 percent of the U.S. production of 2.2 billion pounds in 2009. California has four main production regions for carrots: the San Joaquin Valley (Kern County), the central coast in San Luis Obispo and Santa Barbara counties (Cuyama Valley) and Monterey County, the low desert (Imperial and Riverside counties), and the high desert (Los Angeles County). The San Joaquin Valley accounts for more than half the state's acreage.

Total acres of carrots planted decreased 1 percent while pesticide use (as acres treated) in carrots decreased 31 percent in 2009 compared to 2008 (Table 54) and pounds of pesticide AI applied decreased 44 percent. Reported use of all major pesticide types decreased in terms of acres treated with the exception of plant growth regulators. The most-used non-adjuvant pesticides by acres treated were mefenoxam, linuron, sulfur, pendimethalin, pyraclostrobin, copper-based pesticides, chlorothalonil, metam-sodium, and iprodione. Fungicide use decreased the most, followed by herbicides and adjuvants (Figure 20): From 2008 to 2009 acres treated with fungicides decreased 35 percent while pounds AI decreased 34 percent, and acres treated with

Table 53: *Total reported pounds of all active ingredients (AI), acres treated, acres planted, and prices for carrots each year from 2005 to 2009. Planted acres from 2004 to 2008 are from CDFA, 2009; planted acres in 2009 are from NASS, January 2010; marketing year average prices from 2004 to 2007 are from NASS, August 2009; marketing year average prices from 2008 to 2009 are from NASS, January 2010. Acres treated means cumulative acres treated (see explanation p. 8).*

	2005	2006	2007	2008	2009
Lbs AI	9,029,203	7,835,999	7,941,697	9,376,990	5,216,662
Acres Treated	535,967	453,099	523,431	601,827	417,685
Acres Planted	71,600	70,300	70,400	65,000	64,500
Price/cwt	$ 21.7	$ 21.1	$ 22.4	$ 25.2	$ 25.7

Table 54: *Percent difference from previous year for reported pounds of all AIs, acres treated, acres planted, and prices for carrots each year from 2005 to 2009.*

	2005	2006	2007	2008	2009
Lbs AI	12	-13	1	18	-44
Acres Treated	7	-15	16	15	-31
Acres Planted	1	-2	0	-8	-1
Price/cwt	1	-3	6	13	2

herbicides decreased 19 percent while pounds AI decreased 9 percent. Pounds of fumigants decreased 40 percent from the previous year.

The most-applied fungicides in 2009, by acres treated, were mefenoxam, sulfur, pyraclostrobin, copper-based pesticides, chlorothalonil, iprodione, and fenamidone. Alternaria leaf blight, a foliar disease, is generally controlled by iprodione, chlorothalonil, pyraclostrobin, or azoxystrobin. In terms of acres treated, iprodione use decreased 49 percent, chlorothalonil 2 percent, sulfur 48 percent, pyraclostrobin 34 percent, and azoxystrobin 42 percent. New carrot varieties became available that are resistant, especially to diseases affecting carrot tops, and this may account for a decrease in fungicide use in 2009 compared to 2008. Additionally, the cool weather in 2009 may have contributed to a decrease in Alternaria pressures as it needs warmer temperatures to thrive. Powdery mildew is primarily controlled by sulfur, which is inexpensive and especially popular with organic growers. Sulfur use decreased in 2009 relative to 2008 because cool weather conditions in 2009 were not optimal for powdery mildew infection. As in most recent years, cavity spot is a major, troublesome soil-borne fungal disease that is commonly controlled by applying mefenoxam, fenamidone, cyazofamid, or the soil fumigant metam-sodium. In terms of acres treated, mefenoxam use decreased 28 percent and fenamidone 63 percent from 2008 to 2009. Many hoped that fenamidone would be an effective replacement for mefenoxam, which has pest resistance issues. However, many growers moved back to mefenoxam. Cyazofamid, another product used to control cavity spot, became available in 2008. Although its use has greatly

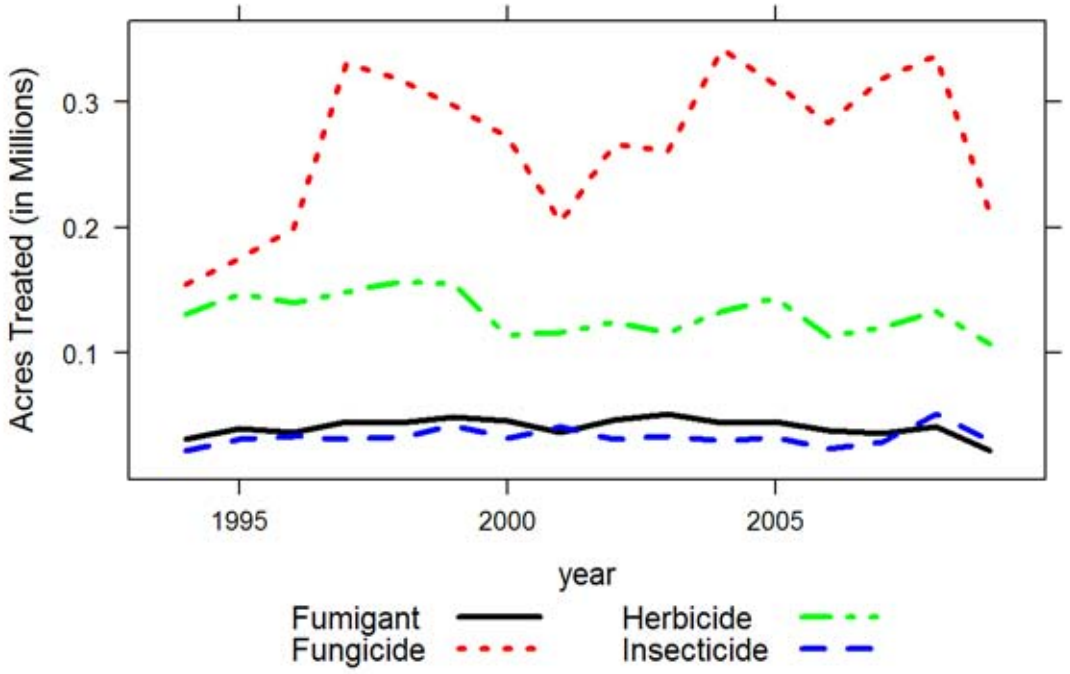

Figure 20: *Acres of carrots treated by all AIs in the major types of pesticides from 1994 to 2009.*

increased from 2008 to 2009, growers are reluctant to use it as maximum residue limits for cyazofamid have not been fully established by major trading countries.

The main herbicides used in carrot production in terms of acres treated were linuron, pendimethalin, fluazifop-p-butyl, trifluralin, clethodim, and EPTC. The use of linuron, a postemergence herbicide that provides good control of broadleaf weeds and small grasses, decreased 21 percent. Trifluralin is a preemergence herbicide that complements linuron for weed management; its use decreased 45 percent. Use of fluazifop-p-butyl, a selective postemergence phenoxy herbicide used for control of annual and perennial grasses, decreased 30 percent. Pendimethalin, another selective herbicide, had a 14 percent decrease in use. However, clethodim and EPTC use increased in 2009. In terms of acres treated, clethodim increased 13 percent. EPTC had the largest increase of herbicides used: from 226 treated acres in 2008 to 4,255 acres in 2009.

Insects are not generally major problems in carrot production except for whiteflies, which are controlled with esfenvalerate and methomyl. The major insecticides used in 2009 in terms of acres treated were esfenvalerate, *Bacillus thuringiensis*, diazinon, spinosad, methomyl, and bifenthrin. Acres treated with esfenvalerate decreased 54 percent and spinosad 44 percent in 2009 compared to 2008. Although generally used against whitefly, esfenvalerate and spinosad are also used to control flea beetle, leafhoppers, and cutworms. Acres treated with methomyl decreased 20 percent in 2009 compared to 2008. This carbamate pesticide is effective against cutworms and

Table 55: *The non-adjuvant pesticides with the largest change in acres treated of carrots from 2008 to 2009. This table shows acres treated with each AI in each year from 2005 to 2009, the change in acres treated and percent change from 2008 to 2009.*

AI	AI Type	2005	2006	2007	2008	2009	Change	Percent Change
SULFUR	FUNGICIDE	46,235	32,527	78,574	82,856	43,237	-39,619	-48
MEFENOXAM	FUNGICIDE	97,866	82,459	77,159	87,561	63,269	-24,293	-28
IPRODIONE	FUNGICIDE	34,159	29,414	33,657	30,364	15,374	-14,990	-49
LINURON	HERBICIDE	82,688	63,622	64,667	67,684	53,613	-14,072	-21
ESFENVALERATE	INSECTICIDE	14,202	10,102	12,130	25,770	11,978	-13,792	-54
FENAMIDONE	FUNGICIDE		2,758	11,872	19,762	7,405	-12,358	-63
METAM-SODIUM	FUMIGANT	31,934	24,750	24,156	27,445	16,610	-10,834	-39
PYRACLOSTROBIN	FUNGICIDE	21,765	23,938	23,844	27,799	18,403	-9,396	-34
TRIFLURALIN	HERBICIDE	41,228	33,670	18,324	19,163	10,605	-8,558	-45
1,3-DICHLOROPROPENI	FUMIGANT	9,002	8,339	9,866	9,501	3,424	-6,077	-64
COPPER	FUNGICIDE	26,907	29,298	22,423	23,549	17,709	-5,840	-25
FLUAZIFOP-P-BUTYL	HERBICIDE	15,475	12,287	15,846	15,252	10,657	-4,595	-30
EPTC	HERBICIDE	561	75	1,066	226	4,255	4,029	1,783
PENDIMETHALIN	HERBICIDE		75	17,574	24,877	21,399	-3,478	-14
CYAZOFAMID	FUNGICIDE				10	3,199	3,189	32,052

leafhoppers as well as whiteflies. Diazinon use decreased 28 percent in 2009 relative to 2008. The use of *Bacillus thuringiensis* increased 8 percent. Bifenthrin, a pyrethroid used to control cutworm and crown root aphids, increased 76 percent.

Most carrot production relies on the fumigants metam-sodium, 1,3-dichloropropene (1,3-D), potassium N-methyldithiocarbamate (metam-potassium), and to a lesser extent, chloropicrin. These fumigants are used to manage nematodes and may provide other benefits such as weed and soil-borne disease control. In 2009, fumigants accounted for about 80 percent of the total pounds of pesticide AIs applied to carrots. Fumigant use, in terms of pounds of AI, decreased 40 percent from 2008 to 2009. Similarly, acres treated with fumigants decreased 47 percent. The number of acres treated with metam-sodium, 1,3-D, metam-potassium, and chloropicrin decreased 39, 64, 55, and 78 percent respectively. The decrease in fumigant use may have been due in part to an increase in use restrictions. As a result, growers are not using as many fumigants and may have also switched to cultural practices including cover cropping and longer rotations. Further, the relatively cool spring and summer may have caused lower pest pressures, possibly resulting in the decreased fumigant use and the overall decrease in pesticide use.

Sources of Information

Adaskaveg, J., Gubler, D., Michailides, T, and B. Holtz. 2010. Efficacy and Timing of Fungicides, Bactericides, and Biologicals for Deciduous Tree Fruit, Nut, Strawberry, and Vine Crops. UC Davis, Department of Plant Pathology; Statewide IPM Program; and UC Kearney Agricultural Center. Linked to Pest Management Guidelines on the UC IPM Web site, <http://www.ipm.ucdavis.edu>.

Ag Alert. 2009. California Farm Bureau. Various issues.

Almond Board of California. <http://www.almondboard.com>.

California Canning Peach Association online "Peach Facts," <http://www.calpeach.com/facts.asp>.

California Drought Update. July 31, 2009. <http://www.water.ca.gov/drought/docs/DroughtUpdate-073109.pdf>.

California Tree Fruit Agreement Annual Report 2009 <http://caltreefruit.com/ppn/pdfs/industry/annual_report_09.pdf>.

California Department of Food and Agriculture (CDFA), 2009. California Agriculture Resource Directory 2009-2010.

California Farm Bureau. 2009. Ag Alert. Various issues.

County Agricultural Commissioners

Growers

NASS, July 2005, Agricultural Prices 2004 Summary. USDA. Pr 1-3 (05)a.

NASS, July 2006, Agricultural Prices 2005 Summary. USDA. Pr 1-3 (06).

NASS, January 2007, Vegetables 2006 Summary, Vg 1-2 (07)

NASS, July 2007, Agricultural Prices 2006 Summary. USDA. Pr 1-3 (07).

NASS, July 2008, Agricultural Prices 2007 Summary. USDA. Pr 1-3 (08)a.

NASS, January 2009, Vegetables 2008 Summary, Vg 1-2 (09)

NASS, August 2009. Agricultural Prices 2008 Summary, Pr 1-3 (09).

NASS, September 2009, Citrus Fruits 2009 Summary, Fr Nt 3-1 (09)

NASS, January 2010, Vegetables 2009 Summary, Vg 1-2 (10)

NASS, February 2010, Crop Values 2009 Summary

NASS, March 2010, California Grape Acreage Report 2009 Summary

NASS, April 2010, 2009 California Almond Acreage Report

NASS, June 2010, Acreage

NASS, July 2010. Noncitrus Fruit and Nuts 2009 Summary

Pest Control Advisors

PPN Network Connection. 2009. Online newsletter of the California Tree Fruit Agreement. Various issues.

Private Consultants

University of California Cooperative Extension Area IPM Advisors

UC Cooperative Extension Farm Advisors

UC Cooperative Extension Specialists

UC Researchers

Western Farm Press. 2009. Newspaper published two or three times per month. Various issues.

6 Summary of Pesticide Use Report Data 2009 Indexed by Chemical

The following report presents information of statewide pesticide use for 2009. For each chemical, the commodity on which it was used, total pounds applied, the number of agricultural applications made, and the amount of commodity treated are summarized.

A summary by commodity is presented in a separate report, *Summary of Pesticide Use Report Data 2009 Indexed by Commodity*. Both versions of the Pesticide Use Report are available on a cd (send requests to <mvotaw@cdpr.ca.gov>, can be found on DPRs Web site at <www.cdpr.ca.gov>, or can be downloaded from DPRs FTP site at <ftp://pestreg.cdpr.ca.gov/pub/outgoing/pur_archives/>.

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN					
Alfalfa		84.74	119	7,426.20	A
Almond		7,772.69	8,742	655,207.70	A
Apple		10.33	46	701.74	A
Avocado		529.79	841	19,683.61	A
Basil, Sweet		1.79	86	143.33	A
Bean, Dried		108.75	183	10,657.18	A
Bean, Succulent		14.09	27	1,175.00	A
Bean, Unspecified		0.93	2	94.00	A
Broccoli		0.38	4	31.70	A
Cantaloupe		163.17	223	18,361.32	A
Celeriac		1.24	70	92.54	A
Celery		165.88	1,479	14,827.53	A
Chervil		< 0.01	1	1.00	A
Christmas Tree		0.02	1	2.00	A
Cilantro		1.09	49	96.43	A
Citrus		9.76	28	761.00	A
Corn Salad		0.44	16	40.30	A
Cotton		571.23	1,254	76,135.14	A
Cotton (Forage - Fodder)		1.28	2	110.70	A
Cucumber		69.20	71	2,055.12	A
Dandelion Green		0.12	8	8.23	A
Dill		< 0.01	1	0.50	A
Eggplant		6.34	35	421.08	A
		< 0.01	1	1.00	U
Total Pounds On This Commodity	6.34				
Endive (Escarole)		10.47	131	1,056.05	A
Grape		759.54	1,046	49,258.03	A
Grape, Wine		829.09	946	53,806.48	A
Grapefruit		6.01	43	609.93	A
Herb, Spice		0.29	11	28.25	A
		0.06	6	5.25	U
Total Pounds On This Commodity	0.35				
Landscape Maintenance		36.23			
		< 0.01	3	204.00	A
Total Pounds On This Commodity	36.23				
Lemon		207.50	836	15,457.68	A
Lettuce, Head		392.34	3,452	48,147.12	A
Lettuce, Leaf		332.97	3,957	35,915.98	A
Melon		73.11	173	8,139.93	A
Mint		7.94	39	714.75	A
N-Grnhs Flower		23.70	881	1,517.94	A
		5.05	218	8,675,506.00	S
		0.64	2	43,000.00	U
Total Pounds On This Commodity	29.39				
N-Grnhs Plants In Containers		25.33	1,265	1,875.88	A
		18.87	1,146	44,742,672.00	S
		0.23	22	586,500.50	U
Total Pounds On This Commodity	44.44				
N-Grnhs Transplants		1.63	132	135.40	A
		0.64	152	2,714,287.14	S
Total Pounds On This Commodity	2.26				
N-Outdr Flower		10.42	354	1,018.76	A
		1.27	92	2,533,854.00	S
Total Pounds On This Commodity	11.69				
N-Outdr Plants In Containers		58.38	1,399	4,595.47	A
		2.77	284	8,514,488.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		1.09	19	128,308.00	U
Total Pounds On This Commodity	62.24				
N-Outdr Transplants		9.99	229	807.87	A
		1.08	53	2,759,589.00	S
Total Pounds On This Commodity	11.07				
Okra		0.15	1	14.70	A
Onion, Dry		0.70	2	46.00	A
Orange		1,529.44	1,550	46,392.47	A
Oregano		0.05	1	5.00	A
Parsley		1.11	46	80.69	A
Peach		0.03	1	2.00	A
Pear		155.54	265	8,621.42	A
Pepper, Fruiting		74.19	243	6,412.96	A
Pepper, Spice		0.96	2	50.50	A
Plum		232.43	130	2,387.56	A
Pomelo		0.54	4	45.00	A
Prune		43.55	47	3,111.00	A
Public Health		< 0.01			
Pumpkin		24.56	58	1,988.00	A
Radicchio		7.27	9	7.75	A
Regulatory Pest Control		0.63		5,745.00	A
		< 0.01			
		< 0.01		1,200.00	S
Total Pounds On This Commodity	0.64				
Research Commodity		1.01	31	72.62	A
		0.71			
Total Pounds On This Commodity	1.71				
Rights Of Way		1.02			
		0.49	3	32.00	A
Total Pounds On This Commodity	1.51				
Sage		0.02	1	2.00	A
Spinach		82.17	1,234	8,185.17	A
Squash		12.84	63	1,022.58	A
Squash, Summer		0.28	4	23.25	A
Squash, Winter		1.76	6	177.00	A
Strawberry		555.37	1,218	29,744.91	A
Structural Pest Control		29.32			
Swiss Chard		15.07	214	1,176.99	A
Tangelo		74.69	71	1,745.20	A
Tangerine		111.55	265	11,381.51	A
Tarragon		0.02	5	8.00	A
Tomato		49.55	152	4,994.32	A
Tomato, Processing		291.84	709	40,799.72	A
Uncultivated Ag		2.58	6	239.50	A
Unknown		0.59	11	5.20	A
Vegetables, Leafy		0.14	2	10.30	A
Walnut		676.09	1,277	42,706.56	A
		< 0.01	1	18.50	?
Total Pounds On This Commodity	676.09				
Watermelon		158.19	368	14,428.77	A
Chemical Total		16,466.36	38,180		
ABAMECTIN, OTHER RELATED					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABIETIC ANHYDRIDE					
Celery		211.12	3	45.65	A
Chicory		0.80	1	28.00	A
Chemical Total		211.92	4		
S-ABSCISIC ACID					
Grape		65.59	19	502.13	A
Chemical Total		65.59	19		
ACEPHATE					
Almond		194.49	6	226.25	A
Bean, Dried		8,472.26	180	8,655.79	A
Bean, Succulent		1,882.08	59	2,192.30	A
Bean, Unspecified		1,094.84	34	1,257.31	A
Bok Choy		3.15	1	3.50	A
Broccoli		9.99	2	10.30	A
Brussels Sprout		62.60	8	64.27	A
Cauliflower		1,029.87	82	1,060.40	A
Celery		9,592.87	891	10,365.83	A
Citrus		3.97	1	10.00	A
Cotton		9,638.04	154	10,889.20	A
		8,530.12		1,940.40	T
Total Pounds On This Commodity	18,168.15				
Ditch Bank		0.21	1	5.00	A
Forest, Timberland		1.00	1	5.00	A
Grape		155.20	1	160.00	A
Grape, Wine		45.00	1	22.00	A
Landscape Maintenance		2,938.57			
		0.02	1	13.00	A
Total Pounds On This Commodity	2,938.59				
Lemon		192.42	13	319.00	A
Lettuce, Head		35,923.83	3,106	40,650.40	A
Lettuce, Leaf		52.65	10	68.08	A
Mint		3,013.99	53	3,286.00	A
N-Grnhs Flower		1,132.40	484	1,097.88	A
		361.94	174	8,602,619.00	S
		5.05	8	243,955.00	U
Total Pounds On This Commodity	1,499.39				
N-Grnhs Plants In Containers		1,125.90	583	1,109.99	A
		418.23	464	12,709,313.00	S
		4.68	31	16,568.00	U
Total Pounds On This Commodity	1,548.81				
N-Grnhs Transplants		133.78	89	238.54	A
		35.07	58	1,220,943.82	S
Total Pounds On This Commodity	168.85				
N-Outdr Flower		2,781.44	1,196	4,519.47	A
		15.30	24	665,210.00	S
		0.05	1	200.00	U
Total Pounds On This Commodity	2,796.78				
N-Outdr Plants In Containers		5,715.09	1,953	6,174.29	A
		188.79	208	4,087,850.00	S
		37.45	48	106,287.50	U
Total Pounds On This Commodity	5,941.33				
N-Outdr Transplants		2,634.15	517	5,104.34	A
		24.36	38	933,320.00	S
		1.46	1	2.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	2,659.97				
Orange		1,627.23	124	3,337.95	A
Pepper, Fruiting		3,440.96	163	4,358.71	A
Pepper, Spice		0.04		0.50	A
Pistachio		2,652.19	31	3,087.71	A
Regulatory Pest Control		0.60			
Research Commodity		15.50			
		14.46	4	16.87	A
Total Pounds On This Commodity	29.96				
Rights Of Way		12.90			
Structural Pest Control		4,548.51			
Tangerine		2,253.88	68	5,541.24	A
Uncultivated Ag		1.13	2	1.25	A
Uncultivated Non-Ag		0.87	1	2.00	A
Unknown		141.44	5	157.00	A
Vertebrate Control		13.41			
Walnut		75.66	2	76.00	A
Chemical Total		112,251.09	10,882		
ACEQUINOCYL					
Almond		750.83	41	2,055.76	A
Grape, Wine		314.88	36	821.16	A
Lemon		281.94	21	871.14	A
N-Grnhs Flower		127.64	356	583.40	A
		1.18	5	248,944.00	S
Total Pounds On This Commodity	128.82				
N-Grnhs Plants In Containers		52.98	154	195.87	A
		10.78	60	2,064,736.00	S
		1.17	6	285,000.00	U
Total Pounds On This Commodity	64.93				
N-Grnhs Transplants		0.90	4	9.32	A
N-Outdr Flower		10.77	29	35.00	A
N-Outdr Plants In Containers		53.50	147	277.85	A
		1.18	9	217,000.00	S
Total Pounds On This Commodity	54.68				
N-Outdr Transplants		13.50	4	42.00	A
Orange		3,027.01	312	8,338.79	A
Regulatory Pest Control		0.02			
Research Commodity		0.09			
Strawberry		4,228.35	90	4,513.07	A
Structural Pest Control		0.02			
Tangerine		40.08	7	106.10	A
Unknown		14.81	1	1.00	A
Walnut		117.34	8	231.00	A
Chemical Total		9,048.96	1,290		
ACETAMIPRID					
Almond		305.09	39	2,044.12	A
Apple		249.25	86	1,681.00	A
		0.09	1	12.00	U
Total Pounds On This Commodity	249.35				
Apricot		1.67	1	19.00	A
Arrugula		2.76	10	53.70	A
Bean, Dried		28.13	1	25.00	A
Bean, Succulent		2.76	2	63.00	A
Bean, Unspecified		0.04	1	1.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Blackberry		4.62	1	45.92	A
Blueberry		95.05	10	729.00	A
Bok Choy		10.63	103	207.27	A
Broccoli		425.56	381	6,198.79	A
Brussels Sprout		95.17	97	1,279.26	A
Cabbage		64.16	107	995.22	A
Cantaloupe		244.89	34	2,780.90	A
Cauliflower		103.45	153	1,553.09	A
Celery		1,028.32	1,138	14,790.29	A
		< 0.01	2	2,000.00	S
Total Pounds On This Commodity	1,028.33				
Cherry		67.60	32	693.26	A
Chicory		11.26	11	157.10	A
Chinese Cabbage (Nappa)		15.90	93	281.59	A
Chive		0.18	1	1.00	A
Citrus		0.66	1	5.00	A
Collard		9.29	11	112.58	A
Commodity Fumigation		3.09			
Corn (Forage - Fodder)		13.39	4	204.00	A
Cotton		3,768.61	589	55,880.11	A
Cucumber		3.08	10	35.60	A
Daikon		0.22	1	5.00	A
Dill		1.58	4	9.00	A
Eggplant		0.72	3	22.50	A
Endive (Escarole)		28.08	169	388.26	A
Fava Bean		0.81	2	8.00	A
Fennel		10.25	25	180.36	A
Gai Lon		0.37	1	8.00	A
Garlic		1.45	2	19.50	A
Grape		521.60	250	12,351.94	A
Grape, Wine		1,475.76	634	19,034.50	A
		5.12	2	108.01	S
Total Pounds On This Commodity	1,480.88				
Grapefruit		65.65	24	219.10	A
Kale		50.47	95	732.66	A
Landscape Maintenance		2.99			
Leek		0.45	2	4.50	A
Lemon		108.73	53	1,180.82	A
Lettuce, Head		1,390.40	1,384	19,063.71	A
Lettuce, Leaf		1,892.02	2,817	25,867.61	A
Melon		46.16	20	491.08	A
Mustard		25.06	95	236.75	A
N-Grnhs Flower		59.51	217	311.48	A
		21.89	23	1,201,170.00	S
Total Pounds On This Commodity	81.40				
N-Grnhs Plants In Containers		89.56	245	432.04	A
		38.00	187	4,573,887.00	S
		0.18	2	1,000.50	U
Total Pounds On This Commodity	127.74				
N-Grnhs Transplants		5.57	57	51.03	A
		0.71	11	196,467.60	S
Total Pounds On This Commodity	6.29				
N-Outdr Flower		39.31	93	162.52	A
		11.58	84	2,560,580.00	S
Total Pounds On This Commodity	50.88				
N-Outdr Plants In Containers		336.77	783	3,698.31	A
		4.79	5	4,035.50	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		2.37	12	133,380.00	S
Total Pounds On This Commodity	343.93				
N-Outdr Transplants		30.48	81	360.48	A
		9.26	92	7,787,800.00	S
Total Pounds On This Commodity	39.74				
Nectarine		22.15	16	170.90	A
Onion, Dry		945.20	78	7,638.79	A
Orange		1,133.29	461	8,856.35	A
Parsley		0.60	1	8.00	A
Peach		133.93	55	1,075.80	A
Pear		116.92	50	739.65	A
Peas		4.68	12	67.98	A
Pecan		9.92	8	93.75	A
Pepper, Fruiting		152.74	70	2,438.52	A
Pepper, Spice		0.14	2	1.80	A
Pistachio		663.29	75	4,418.66	A
Plum		38.40	21	283.78	A
Pomelo		5.73	8	48.75	A
Prune		113.90	32	1,200.30	A
Pumpkin		119.07	23	506.50	A
Quince		3.72	2	25.00	A
Radicchio		30.27	16	413.68	A
Rappini		116.84	77	1,653.19	A
Raspberry		17.23	11	183.48	A
Regulatory Pest Control		0.10			
Research Commodity		1.26			
		0.18	3	2.00	A
Total Pounds On This Commodity	1.44				
Rights Of Way		1.38	2	30.50	A
		1.11			
Total Pounds On This Commodity	2.49				
Spinach		157.53	181	1,847.92	A
Squash		5.78	6	80.00	A
Squash, Summer		2.15	5	39.00	A
Squash, Winter		2.69	3	41.00	A
Strawberry		2,668.03	536	17,869.36	A
Structural Pest Control		530.69			
Swiss Chard		16.27	103	276.52	A
Tangelo		20.34	19	211.75	A
Tangerine		203.46	111	1,567.53	A
Tomatillo		0.26	1	6.00	A
Tomato		111.57	56	1,190.25	A
Tomato, Processing		506.60	130	7,818.18	A
Unknown		0.25	1	2.50	A
Walnut		925.59	168	5,738.11	A
Watercress		21.44	49	121.50	A
Watermelon		58.21	29	757.17	A
Chemical Total		21,695.45	12,815		
ACETIC ACID					
Landscape Maintenance		78.94			
Lettuce, Head		< 0.01	2	32.00	A
Oat (Forage - Fodder)		< 0.01	2	34.00	A
Wheat (Forage - Fodder)		0.02	3	160.00	A
Chemical Total		78.97	7		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ACIBENZOLAR-S-METHYL					
Broccoli		0.83	3	22.17	A
Lettuce, Head		37.34	158	1,205.10	A
Lettuce, Leaf		858.14	2,785	28,043.00	A
N-Grnhs Transplants		0.02	1	0.50	A
N-Outdr Transplants		7.17	94	10,340,400.00	S
		0.10	10	4.20	A
Total Pounds On This Commodity	7.27				
Research Commodity		< 0.01			
Spinach		590.34	3,171	24,446.89	A
Tomato		0.25	1	10.80	A
Tomato, Processing		60.34	41	5,057.45	A
Chemical Total		1,554.53	6,264		
ACID BLUE 9, DIAMMONIUM SALT					
Grape, Wine		0.03	1	1.00	A
Landscape Maintenance		1,122.16			
Public Health		0.15			
Rights Of Way		79.33			
Structural Pest Control		20.56			
Water (Industrlial)		13.09		10.00	A
Water Area		703.21	18	723.65	A
		41.44		827,641.00	C
		11.59			
		8.72		696.96	K
		1.77		1,040,001.00	U
Total Pounds On This Commodity	766.73				
Chemical Total		2,002.05	19		
ACROLEIN					
Ditch Bank		42.90	1	2.00	U
Landscape Maintenance		3,333.94			
Public Health		166.23			
Rights Of Way		137,022.31			
Structural Pest Control		6,990.95			
Water Area		7,469.86		1,497.00	A
		6,261.02	5	154.00	U
Total Pounds On This Commodity	13,730.89				
Chemical Total		161,287.21	6		
ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER					
Alfalfa		154.60	136	11,119.40	A
Almond		23.85	28	762.23	A
Asparagus		9.41	3	228.20	A
Bean, Dried		6.47	4	249.70	A
Cherry		0.58	9	136.40	A
Corn (Forage - Fodder)		16.39	42	2,230.90	A
Cotton		129.72	121	6,759.66	A
Grape		3.31	13	419.08	A
Grape, Wine		34.29	16	1,472.27	A
Landscape Maintenance		0.28			
Nectarine		0.05	2	12.20	A
Oat		2.00	6	440.00	A
Oat (Forage - Fodder)		0.98	7	351.00	A
Orange		0.38	1	19.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach	0.15	6	35.40	A
Plum	0.38	5	36.60	A
Pomegranate	0.10	1	5.00	A
Rights Of Way	0.03			
Soil Fumigation/Preplant	0.89	6	1,048.10	A
Sudangrass	0.26	1	30.00	A
Walnut	2.19	26	569.51	A
Wheat	25.90	68	3,049.80	A
Wheat (Forage - Fodder)	3.76	25	1,089.20	A
Chemical Total	415.97	526		
ACRYLIC ACID				
Alfalfa	23.62	19	780.80	A
Almond	200.77	46	3,104.46	A
Apricot	9.76	20	222.90	A
Artichoke, Globe	2.22	4	109.50	A
Bean, Dried	46.08	10	602.00	A
Carrot	50.11	11	778.29	A
Celery	0.10	1	12.00	A
Cherry	16.98	10	133.09	A
Corn (Forage - Fodder)	26.79	55	2,729.07	A
Grape, Wine	212.19	134	2,576.94	A
Lettuce, Head	1.85	7	107.30	A
Lettuce, Leaf	0.35	3	34.80	A
Nectarine	153.08	117	1,856.09	A
Orange	11.78	3	61.00	A
Peach	243.55	167	2,910.99	A
Plum	29.25	18	284.25	A
Raspberry	1.21	1	10.00	A
Strawberry	1,824.25	660	21,209.33	A
Tangelo	3.89	2	16.00	A
Tangerine	1.15	1	14.20	A
Tomato, Processing	73.30	2	65.00	A
Walnut	39.54	8	567.00	A
Wheat (Forage - Fodder)	1.36	3	135.00	A
Chemical Total	2,973.18	1,302		
AGROBACTERIUM RADIOBACTER				
Almond	11.90	17	119.31	A
Cherry	8.25	1	1.00	A
Grape, Wine	102.26	1	54.00	A
N-Grnhs Plants In Containers	12.78	2	50,000.00	S
N-Outdr Plants In Containers	0.65	3	0.31	A
Walnut	6.07	6	39.50	A
Chemical Total	141.91	30		
AGROBACTERIUM RADIOBACTER, STRAIN K1026				
Almond	1.08	19	4,654.04	A
Walnut	0.01	17	432.00	A
Chemical Total	1.09	36		
ALACHLOR				
Bean, Dried	545.64	9	183.00	A
Bean, Succulent	1,637.54	26	714.00	A
Bean, Unspecified	1,750.42	23	625.30	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn (Forage - Fodder)	280.37	16	93.34	A
Corn, Human Consumption	2,147.68	51	645.25	A
Chemical Total	6,361.65	125		
ALCOHOLS, C4-C12, NORMAL				
Alfalfa	38.90	89	4,017.90	A
Almond	2.83	17	624.50	A
Bean, Dried	0.25	1	20.00	A
Blueberry	1.60	2	159.00	A
Cantaloupe	3.96	6	348.00	A
Cherry	12.53	5	52.00	A
Citrus	0.40	1	5.00	A
Corn (Forage - Fodder)	3.05	10	433.59	A
Cotton	66.13	79	4,654.89	A
Fig	0.82	12	185.00	A
Grape	0.30	3	120.00	A
Grape, Wine	1.19	5	92.64	A
Grapefruit	24.28	3	33.60	A
Landscape Maintenance	< 0.01			
Lettuce, Head	< 0.01	1	2.00	A
Lettuce, Leaf	4.25	53	423.56	A
Melon	0.50	3	100.00	A
N-Outdr Plants In Containers	< 0.01	1	0.12	A
Oat	0.02	1	100.00	A
Onion, Dry	0.24	1	19.90	A
Orange	67.21	3	93.00	A
Pepper, Fruiting	1.43	11	492.55	A
Pomegranate	0.04	1	3.56	A
Pumpkin	0.51	4	256.00	A
Rights Of Way	0.24			
Squash	0.02	2	8.48	A
Tomato, Processing	0.02	1	10.58	A
Turf/Sod	1.05	6	104.20	A
Uncultivated Ag	11.94	3	595.00	A
Watermelon	2.00	14	557.70	A
Wheat	0.21	9	116.00	A
Chemical Total	245.91	347		
ALDICARB				
Alfalfa	120.83	6	177.90	A
Bean, Dried	964.23	14	1,030.49	A
Cotton	30,192.39	466	30,698.05	A
N-Grnhs Flower	0.16	1	5,780.00	S
N-Outdr Flower	0.03	1	5,780.00	S
Pecan	251.70	3	60.00	A
Chemical Total	31,529.34	491		
ALKANOIC AND ALKENOIC (C18) MONO- AND DIESTERS OF ALPHA-HYDRO-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Lettuce, Leaf	0.44	1	12.77	A
Strawberry	0.98	2	33.00	A
Chemical Total	1.42	3		
ALPHA-ALKYLARYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	20,539.16	1,898	121,167.36	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		12.14	1	69.00	S
Total Pounds On This Commodity	< 0.01				
Almond		100,108.49	2,863	178,026.93	A
Apple		5.61	9	33.00	A
Apricot		37.74	19	163.36	A
Asparagus		7.30	8	267.00	A
Avocado		214.21	33	1,701.00	A
Barley		93.37	8	591.00	A
Bean, Dried		227.17	100	5,575.86	A
Beet		2.66	5	7.00	A
Blackberry		1.61	2	6.00	A
Blueberry		81.23	6	49.63	A
Broccoli		251.03	36	1,040.50	A
Cabbage		17.16	33	470.69	A
Cantaloupe		1,376.81	72	8,159.00	A
Carrot		332.95	29	1,763.05	A
Cauliflower		24.57	11	380.00	A
Celery		52.85	13	231.90	A
Cherry		4,942.39	98	2,095.62	A
Citrus		31.86	15	107.70	A
Corn (Forage - Fodder)		13,139.61	1,250	58,029.67	A
Corn, Grain		96.78	9	471.00	A
Corn, Human Consumption		547.69	70	2,937.14	A
Cotton		15,634.21	1,017	111,320.39	A
Ditch Bank		883.83		150.00	A
Fig		6.81	1	40.00	A
Forage Hay/Silage		16.89	4	88.00	A
Fumigation, Other		1.32			
Garlic		736.42	18	2,717.50	A
Grape		30,276.98	1,381	47,136.39	A
Grape, Wine		37,045.84	1,413	89,571.92	A
Grapefruit		130.89	24	407.10	A
Guava		53.90	5	26.10	A
Kale		0.02	1	2.62	A
Kiwi		20.46	3	105.00	A
Landscape Maintenance		52.53			
Leek		4.11	1	5.00	A
Lemon		279.27	52	922.15	A
Lettuce, Head		447.24	30	1,267.56	A
Lettuce, Leaf		13.35	38	345.89	A
Lime		0.96	1	0.75	A
Melon		246.24	24	1,786.00	A
N-Grnhs Plants In Containers		1.87	6	1.83	A
N-Outdr Flower		278.42	17	164.00	A
N-Outdr Plants In Containers		55.78	25	159.68	A
Nectarine		4,528.15	1,876	20,997.74	A
Oat		346.54	33	1,822.71	A
Oat (Forage - Fodder)		329.45	125	3,788.30	A
Olive		465.52	37	614.85	A
Onion, Dry		1,319.40	78	4,566.71	A
Orange		18,925.42	817	26,555.80	A
Pastureland		27.38	5	205.00	A
Peach		6,067.72	1,977	19,341.64	A
Pear		3.12	2	4.00	A
Pecan		3.97	5	42.00	A
Pepper, Fruiting		443.51	50	1,361.44	A
Persimmon		3.98	7	45.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pistachio		22,581.48	831	54,232.01	A
Plum		2,849.98	968	10,967.70	A
Pluot		0.41	1	2.50	A
Pome Fruit		4.27	1	5.80	A
Pomegranate		442.38	21	1,012.69	A
Pomelo		3.02	2	13.00	A
Potato		115.14	40	5,116.36	A
Prune		301.96	29	894.70	A
Pumpkin		1.28	4	116.00	A
Rangeland		14.03		150.00	A
Raspberry		0.05	1	7.90	A
Rice		34.02	6	151.25	A
Rights Of Way		1,455.90			
		26.66	1	100.00	A
Total Pounds On This Commodity	1,482.55				
Rye		27.43	5	199.46	A
Ryegrass		1.03	1	70.00	A
Soil Fumigation/Preplant		1,587.10	102	6,641.99	A
Sorghum (Forage - Fodder)		68.39	8	267.68	A
Sorghum/Milo		233.82	21	1,566.02	A
Spinach		1.76	1	60.00	A
Squash		24.52	3	36.00	A
Strawberry		58.44	11	450.40	A
Structural Pest Control		16.97			
Sudangrass		12.28	1	70.00	A
Sugarbeet		20.48	18	1,160.17	A
Sweet Potato		0.06	2	66.00	A
Tangelo		823.39	55	1,742.89	A
Tangerine		8,777.87	274	13,242.79	A
Tomato		910.61	70	3,860.81	A
Tomato, Processing		9,055.90	471	53,317.73	A
Triticale		288.28	26	1,802.60	A
Tropical/Subtropical Fruit		69.05	11	83.00	A
Uncultivated Ag		320.13	24	1,663.98	A
Uncultivated Non-Ag		150.28	26	262.50	A
Unknown		4.82	1	2.75	A
Walnut		7,734.18	614	16,500.22	A
Watermelon		447.07	23	1,066.62	A
Wheat		4,060.14	241	19,754.71	A
Wheat (Forage - Fodder)		3,592.23	413	20,073.40	A
Chemical Total		326,912.66	19,988		
ALKYLARYL SULFONATES					
Grain		5.06	2	1,900.00	U
Chemical Total		5.06	2		
ALKYL (AS IN FATTY ACIDS OF COCONUT OIL) MONOETHANOLAMIDE					
Structural Pest Control		49.26			
Chemical Total		49.26			
ALKYL BENZENE SULFONIC ACID					
Alfalfa		57.00	32	1,440.00	A
Almond		0.14	2	15.00	A
Grape, Wine		41.91	5	383.24	A
Walnut		0.10	1	10.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		99.15	40		
ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL AMMONIUM CHLORIDE					
Almond		0.17	1	77.20	A
Animal Premise		2,191.08		151.00	U
		85.20			
Total Pounds On This Commodity	2,276.27				
Fumigation, Other		0.38			
Landscape Maintenance		1,507.18			
N-Grnhs Flower		2.05	3	52,500.00	S
N-Grnhs Plants In Containers		56.12	16	78.00	A
		29.88		7.00	U
		0.74	12	58,170.00	S
Total Pounds On This Commodity	86.74				
N-Grnhs Transplants		14.58	5	30,000.00	S
		0.06	3	3.00	A
Total Pounds On This Commodity	14.64				
N-Outdr Flower		0.28	3	79,500.00	S
N-Outdr Plants In Containers		1.50	5	4.50	A
Rights Of Way		5.14			
Structural Pest Control		4,019.02			
Vertebrate Control		366.59			
Water (Industrlial)		< 0.01		1.00	U
Chemical Total		< 0.01	48		
ALKYL (58%C14, 28%C16, 14%C12) DIMETHYLBENZYL AMMONIUM CHLORIDE					
Landscape Maintenance		0.05	1	77.10	A
Chemical Total		0.05	1		
ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE					
Almond		< 0.01		117.00	
Animal Premise		1,321.48		476.00	U
		12.64			
		9.80		110,000.00	S
Total Pounds On This Commodity	< 0.01				
Dried Fruit		< 0.01		7,500.00	C
Fumigation, Other		2.04			
Industrial Site		1.32		169.00	U
		1.05		12.38	A
Total Pounds On This Commodity	2.36				
Landscape Maintenance		70.94			
		0.04	1	7.00	A
Total Pounds On This Commodity	70.97				
Mushroom House		4.12		153,000.00	S
N-Grnhs Flower		2.37	22	24.50	A
		0.42	7	39,128.00	S
Total Pounds On This Commodity	2.78				
N-Grnhs Plants In Containers		75.08	78	138.59	A
		11.14	46	596,234.00	S
Total Pounds On This Commodity	86.23				
N-Grnhs Transplants		17.76	16	28.56	A
		6.64	3	18,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	24.41				
N-Outdr Flower		1.34	11	2.29	A
N-Outdr Plants In Containers		32.72	53	60.24	A
		0.32	54	90,750.00	U
		0.03	5	3,462.00	S
Total Pounds On This Commodity	33.07				
N-Outdr Transplants		0.62	2	0.25	A
		< 0.01	2	240,000.00	S
Total Pounds On This Commodity	0.62				
Prune		1.18	1	30.00	A
Research Commodity		7.10			
Rights Of Way		8.38			
Structural Pest Control		625.85			
Tomato		0.03	1	3.00	A
Vertebrate Control		< 0.01			
Water (Industrlial)		5,114.05		10.00	U
		2,038.64		8.00	A
Total Pounds On This Commodity	7,152.69				
		< 0.01	4	16,012.00	S
Chemical Total		< 0.01	306		
ALKYL (61%C12,23%C14,11%C16,2.5%C8 & C10,2.5%C18) DIMETHYL BENZYL AMMONIUM CHLORIDE					
Animal Premise		322.80		37.00	U
Landscape Maintenance		394.12			
Rights Of Way		10.27			
Structural Pest Control		406.56			
Vertebrate Control		394.91			
Chemical Total		1,528.65			
ALKYL (67%C12, 25%C14, 7%C16, 1%C8,C10,C18) DIMETHYLBENZYL AMMONIUM CHLORIDE					
Animal Premise		3.22		1.00	U
Chemical Total		3.22			
ALKYL (50%C12, 30%C14, 17%C16, 3%C18) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE					
Almond		< 0.01		117.00	
Animal Premise		< 0.01		11.00	U
Dried Fruit		< 0.01		7,500.00	C
Industrial Site		< 0.01		10.00	A
		< 0.01		1.00	U
Total Pounds On This Commodity	0.00				
Landscape Maintenance		0.67			
		0.04	1	7.00	A
Total Pounds On This Commodity	0.71				
Rights Of Way		0.01			
Structural Pest Control		< 0.01			
Vertebrate Control		< 0.01			
		< 0.01	4	16,012.00	S
Chemical Total		< 0.01	5		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE					
Animal Premise		1,321.47		465.00	U
		12.64			
		9.80		110,000.00	S
Total Pounds On This Commodity	< 0.01				
Fumigation, Other		2.04			
Industrial Site		1.32		168.00	U
		1.05		2.38	A
Total Pounds On This Commodity	2.36				
Landscape Maintenance		70.26			
Mushroom House		4.12		153,000.00	S
N-Grnhs Flower		2.27	21	23.00	A
		0.40	6	35,128.00	S
Total Pounds On This Commodity	2.67				
N-Grnhs Plants In Containers		74.72	62	105.59	A
		11.06	38	420,662.00	S
Total Pounds On This Commodity	85.78				
N-Grnhs Transplants		17.76	16	28.56	A
		6.64	3	18,000.00	S
Total Pounds On This Commodity	24.41				
N-Outdr Flower		1.34	11	2.29	A
N-Outdr Plants In Containers		31.47	50	57.74	A
		0.32	54	90,750.00	U
		0.03	5	3,462.00	S
Total Pounds On This Commodity	31.82				
N-Outdr Transplants		0.62	2	0.25	A
		< 0.01	2	240,000.00	S
Total Pounds On This Commodity	0.62				
Prune		1.18	1	30.00	A
Research Commodity		7.10			
Rights Of Way		8.36			
Structural Pest Control		625.61			
Tomato		0.03	1	3.00	A
Water (Industrlial)		10.80		6.00	A
		0.40		1.00	U
Total Pounds On This Commodity	11.20				
Chemical Total		2,222.81	272		
ALKYL (98%C12, 2%C14) DIMETHYL 1-NAPHTHYLMETHYL AMMONIUM CHLORIDE					
N-Outdr Plants In Containers		0.06	1	0.95	A
Chemical Total		0.06	1		
N-ALKYL (92%C18, 8%C16)-N-ETHYLMORPHOLINIUM ETHYL SULFATE					
Almond		< 0.01		117.00	
Rights Of Way		< 0.01			
		< 0.01	4	16,012.00	S
Chemical Total		< 0.01	4		
ALPHA-ALKYL-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE					
Alfalfa		88.19	19	780.80	A
Almond		749.56	46	3,104.46	A
Apricot		36.44	20	222.90	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Artichoke, Globe		8.27	4	109.50	A
Bean, Dried		172.02	10	602.00	A
Carrot		187.07	11	778.29	A
Celery		0.36	1	12.00	A
Cherry		63.39	10	133.09	A
Corn (Forage - Fodder)		100.01	55	2,729.07	A
Grape, Wine		792.17	134	2,576.94	A
Lettuce, Head		6.92	7	107.30	A
Lettuce, Leaf		1.31	3	34.80	A
Nectarine		571.48	117	1,856.09	A
Orange		43.97	3	61.00	A
Peach		909.27	167	2,910.99	A
Plum		109.22	18	284.25	A
Raspberry		4.54	1	10.00	A
Strawberry		6,810.54	660	21,209.33	A
Tangelo		14.51	2	16.00	A
Tangerine		4.31	1	14.20	A
Tomato, Processing		273.65	2	65.00	A
Walnut		147.60	8	567.00	A
Wheat (Forage - Fodder)		5.09	3	135.00	A
Chemical Total		11,099.87	1,302		
ALPHA-ALKYL (C8-C18)-OMEGA-HYDROXYPOLY(OXYETHYLENE) POLY (OXYPROPYLENE)					
Alfalfa		2.96	5	140.00	A
Almond		63.45	13	711.00	A
Apricot		14.87	1	120.00	A
Cherry		1.58	3	60.00	A
Chinese Cabbage (Nappa)		2.34	30	88.75	A
Citrus		1.05	4	40.00	A
Corn (Forage - Fodder)		155.42	9	479.00	A
Corn, Grain		7.21	3	156.00	A
Cucumber		0.03	1	0.50	A
Grape		80.68	65	6,032.78	A
Grape, Wine		12.98	5	178.00	A
Grapefruit		6.68	15	212.80	A
Landscape Maintenance		12.29			
Lemon		81.06	63	1,402.10	A
Lettuce, Leaf		1.76	17	67.00	A
N-Grnhs Plants In Containers		0.40	7	15.00	A
		0.26	5	61,480.00	S
Total Pounds On This Commodity	0.65				
N-Outdr Plants In Containers		5.88	31	123.79	A
Olive		21.12	16	405.00	A
Onion, Dry		0.42	1	18.00	A
Orange		761.32	504	15,640.52	A
Pepper, Fruiting		2.33	4	88.53	A
Pomelo		1.92	11	65.20	A
Raspberry		0.24	2	9.00	A
Spinach		0.21	4	8.00	A
Squash		1.50	7	56.89	A
Strawberry		4.04	6	170.30	A
Tangelo		12.03	20	211.70	A
Tangerine		16.43	17	353.56	A
Tomato		35.69	38	562.25	A
Tomato, Processing		1.05	1	40.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		1.32	1	50.00	A
Chemical Total		1,310.53	909		
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		4,938.51	1,284	76,022.72	A
Almond		15,061.18	2,912	170,456.75	A
		6.57	6	268.00	U
Total Pounds On This Commodity	15,067.76				
Apple		100.44	32	696.15	A
Apricot		59.29	13	389.79	A
Arrugula		1.27	16	44.41	A
Artichoke, Globe		7.33	36	303.80	A
Asparagus		119.31	15	998.10	A
Avocado		33.82	10	179.00	A
Barley		61.90	7	316.10	A
Bean, Dried		155.79	39	1,870.60	A
Bean, Succulent		8.03	3	126.40	A
Bean, Unspecified		5.98	3	211.00	A
Beet		2.04	48	71.16	A
Bermudagrass		107.97	12	722.50	A
Blueberry		11.65	7	174.29	A
Bok Choy		0.56	7	18.71	A
Broccoflower		0.19	1	5.20	A
Broccoli		548.46	817	11,529.87	A
Brussels Sprout		8.20	23	184.14	A
Cabbage		71.78	43	983.09	A
Cantaloupe		68.83	32	1,983.20	A
Carrot		35.47	28	1,158.70	A
Cauliflower		147.92	334	3,337.16	A
Celery		379.95	1,073	9,401.05	A
Cherry		879.56	188	4,005.27	A
Chestnut		1.11	3	36.00	A
Chinese Cabbage (Nappa)		1.94	12	49.72	A
Cilantro		47.64	59	346.30	A
Citrus		62.85	21	180.70	A
Clover		5.15	4	137.49	A
Corn (Forage - Fodder)		2,670.47	664	34,345.10	A
Corn, Grain		3.15	3	98.79	A
Corn, Human Consumption		150.59	75	1,668.00	A
Cotton		632.46	145	8,509.63	A
Cucumber		36.66	21	1,106.93	A
Ditch Bank		0.94	1	25.00	A
Endive (Escarole)		17.51	93	460.57	A
Fennel		0.17	2	6.20	A
Flax		5.60	1	53.00	A
Forage Hay/Silage		21.87	8	273.10	A
Garbanzo Bean		8.46	2	150.00	A
Garlic		78.44	36	1,062.30	A
Grape		1,286.59	466	15,487.50	A
Grape, Wine		22,421.63	4,149	151,900.01	A
Grapefruit		265.89	104	1,240.80	A
Kale		4.09	11	56.29	A
Landscape Maintenance		551.09			
Leek		0.68	4	24.50	A
Lemon		2,533.77	136	4,024.93	A
Lettuce, Head		648.53	1,501	24,164.74	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		636.03	1,636	20,762.41	A
Melon		5.75	9	277.49	A
Mint		22.22	15	747.00	A
Mizuna		1.07	10	36.15	A
Mustard		0.02	2	1.00	A
N-Grnhs Plants In Containers		0.87	1	0.50	A
N-Outdr Flower		28.66	12	106.00	A
N-Outdr Plants In Containers		199.57	161	890.89	A
N-Outdr Transplants		2.12	4	48.00	A
Nectarine		412.96	91	2,319.05	A
Oat		50.77	9	541.00	A
Oat (Forage - Fodder)		41.37	8	265.10	A
Olive		374.03	146	6,976.80	A
Onion, Dry		749.13	216	14,896.03	A
Onion, Green		7.79	44	221.40	A
Orange		24,523.21	3,723	89,663.71	A
Parsley		32.81	17	393.89	A
Pastureland		30.59	11	608.00	A
Peach		844.17	226	5,337.91	A
Pear		14.10	10	188.00	A
Peas		143.45	90	1,112.30	A
Pecan		52.87	11	241.00	A
Pepper, Fruiting		51.10	40	915.71	A
Pepper, Spice		11.38	8	174.50	A
Persimmon		1.98	3	13.00	A
Pistachio		747.97	208	9,711.10	A
Plum		878.82	131	4,947.78	A
Pluot		1.88	2	20.00	A
Pomegranate		18.37	15	214.57	A
Pomelo		62.81	18	154.50	A
Potato		146.70	11	1,251.50	A
Prune		666.80	149	5,644.04	A
Public Health		98.86			
Pumpkin		0.08	2	9.00	A
Radicchio		32.12	24	729.00	A
Radish		0.35	21	9.70	A
Rangeland		1.88	1	50.00	A
Regulatory Pest Control		1.26			
Research Commodity		3.67	1	40.00	A
Rice		6,998.94	1,041	63,512.52	A
Rights Of Way		1,287.48			
		28.20	9	147.00	A
Total Pounds On This Commodity	1,315.68				
Ryegrass		10.71	4	312.70	A
Safflower		24.10	15	793.50	A
Soil Fumigation/Preplant		104.96	34	1,216.60	A
Soybean		1.11	1	59.00	A
Spinach		0.79	25	80.88	A
Squash		31.85	14	313.13	A
Squash, Summer		0.97	3	23.20	A
Strawberry		425.37	86	2,846.50	A
Sudangrass		51.01	10	365.90	A
Sugarbeet		171.45	79	5,442.08	A
Sugarcane		8.40	2	73.00	A
Sunflower		150.59	43	2,360.93	A
Sweet Potato		3.57	3	51.00	A
Swiss Chard		0.85	10	25.41	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangelo		409.38	92	2,045.96	A
Tangerine		3,253.84	311	11,422.90	A
Tomato		36.24	22	390.00	A
Tomato, Processing		1,147.62	353	20,980.35	A
Turf/Sod		273.00	1	5.25	A
Uncultivated Ag		1,409.40	673	21,058.55	A
Uncultivated Non-Ag		77.27	33	847.10	A
Unknown		9.14	16	232.00	A
Vegetable		6.24	7	23.00	A
Vegetables, Leafy		2.98	2	110.00	A
Walnut		2,265.17	640	19,238.13	A
		4.45	4	180.00	U
Total Pounds On This Commodity	2,269.62				
Watermelon		16.24	19	592.75	A
Wheat		558.02	122	8,587.40	A
Wheat (Forage - Fodder)		23.36	12	676.00	A
Chemical Total		103,971.55	25,282		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		666.41	66	3,660.10	A
Almond		3,335.23	668	38,407.15	A
Apple		19.84	5	357.00	A
Apricot		0.79	1	1.00	A
Barley		5.68	3	168.00	A
Bean, Dried		383.05	44	3,157.00	A
Bean, Succulent		32.61	6	367.00	A
Bermudagrass		3.95	4	140.00	A
Blueberry		121.85	2	82.00	A
Bok Choy		0.18	2	2.00	A
Broccoli		5.70	9	138.50	A
Brussels Sprout		0.48	2	6.20	A
Cabbage		0.82	4	40.00	A
Carrot		206.07	49	924.05	A
Celery		10.80	17	138.30	A
Cherry		67.21	14	688.10	A
Chinese Cabbage (Nappa)		1.44	5	18.20	A
Collard		0.37	1	18.00	A
Corn (Forage - Fodder)		572.12	79	3,528.35	A
Corn, Human Consumption		149.96	17	915.00	A
Cotton		110.80	18	2,602.00	A
Cucumber		77.75	76	992.50	A
Eggplant		12.42	13	149.00	A
Endive (Escarole)		0.25	2	3.00	A
Forage Hay/Silage		7.88	5	280.00	A
Forest, Timberland		1,235.39	76	2,638.50	A
Garlic		16.03	4	322.00	A
Grape		226.86	87	3,419.40	A
Grape, Wine		903.84	232	16,294.64	A
Landscape Maintenance		18.32			
		0.08	1	5.00	A
Total Pounds On This Commodity	18.40				
Lemon		39.98	6	338.50	A
Lettuce, Head		10.71	11	201.50	A
Lettuce, Leaf		0.13	1	2.00	A
Melon		32.41	3	158.50	A
N-Grnhs Plants In Containers		0.03	1	0.06	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers	4.39	52	16.98	A
N-Outdr Transplants	2.06	4	26.00	A
Olive	1.99	3	63.00	A
Onion, Dry	10.01	4	65.70	A
Orange	1.62	1	8.00	A
Pastureland	0.56	1	5.00	A
Peach	15.37	13	255.00	A
Pear	90.54	30	1,121.80	A
Pepper, Fruiting	29.53	19	321.70	A
Pepper, Spice	39.25	7	139.40	A
Pimento	3.94	1	14.00	A
Pistachio	259.32	77	4,158.12	A
Plum	1.09	2	12.75	A
Pumpkin	7.55	2	65.00	A
Raspberry	11.64	18	213.00	A
Rice	1,005.61	47	2,609.79	A
Rights Of Way	2.25			
Safflower	22.52	4	256.80	A
Sorghum/Milo	10.08	5	208.90	A
Squash	1.97	2	25.00	A
Strawberry	562.01	77	2,606.30	A
Tangerine	0.96	1	24.50	A
Tomato	50.90	12	686.70	A
Tomato, Processing	1,207.98	167	19,386.43	A
Uncultivated Ag	368.96	187	1,245.90	A
Uncultivated Non-Ag	23.09	5	140.97	A
Walnut	225.25	82	2,144.94	A
Watermelon	6.97	4	295.00	A
Wheat	314.93	35	2,642.77	A
Wheat (Forage - Fodder)	15.21	4	216.00	A
Chemical Total	12,574.99	2,400		
ALPHA-ALKYL (C9-C18)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	1,908.33	437	31,256.41	A
Almond	3,514.98	349	38,666.20	A
Bermudagrass	1.86	2	20.00	A
Broccoli	51.85	19	889.50	A
Cabbage	39.59	14	388.00	A
Cantaloupe	9.90	2	117.00	A
Cauliflower	6.21	3	213.00	A
Corn (Forage - Fodder)	52.30	10	624.58	A
Eggplant	3.89	3	50.00	A
Grape	594.26	18	1,920.00	A
Lettuce, Head	154.15	72	2,611.46	A
Lettuce, Leaf	62.84	30	727.10	A
Melon	2.48	1	36.00	A
Oat	14.86	2	150.00	A
Pepper, Fruiting	53.93	31	679.00	A
Pistachio	52.00	14	1,100.00	A
Spinach	14.31	1	154.00	A
Sugarbeet	135.81	61	3,001.60	A
Tomato, Processing	101.67	6	466.04	A
Uncultivated Ag	342.72	47	3,364.00	A
Watermelon	14.86	2	120.00	A
Wheat	68.41	26	1,221.38	A
Chemical Total	7,201.21	1,150		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALPHA-ALKYL (C10-C12)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
N-Grnhs Plants In Containers	0.01	1	1,000.00	S
Rights Of Way	2.73	1	5.00	A
Strawberry	0.18	2	151.00	A
Chemical Total	2.92	4		
ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	1,297.50	363	21,634.27	A
Almond	362.63	61	2,821.82	A
Asparagus	27.36	5	289.00	A
Barley	15.57	5	364.00	A
Bean, Dried	31.61	15	622.40	A
Bean, Succulent	27.41	9	373.80	A
Cauliflower	5.45	1	17.20	A
Cherry	0.88	1	3.00	A
Corn (Forage - Fodder)	192.32	38	1,866.54	A
Corn, Human Consumption	3.66	1	50.00	A
Cotton	14.37	7	284.00	A
Cucumber	3.55	4	68.70	A
Ditch Bank	29.28	1	100.00	A
Forest, Timberland	6.31	1	35.00	A
Grape	1.96	1	13.33	A
Grape, Wine	781.64	76	2,227.57	A
Horseradish	6.59	1	169.00	A
Landscape Maintenance	67.66			
Melon	0.46	2	25.00	A
Mint	220.62	62	3,902.00	A
N-Outdr Flower	229.50	292	1,056.11	A
N-Outdr Plants In Containers	56.37	71	165.50	A
Oat	1.54	1	21.00	A
Onion, Dry	611.09	235	11,693.90	A
Pastureland	1,466.72	3	1,097.06	A
Pistachio	128.93	7	510.19	A
Potato	528.62	111	6,108.00	A
Prune	113.47	15	459.99	A
Rice	210.18	7	503.60	A
Soil Fumigation/Preplant	21.16	10	446.00	A
Squash	3.73	6	99.00	A
Strawberry	0.64	2	6.00	A
Sunflower	17.26	7	258.20	A
Uncultivated Ag	2.20	1	132.00	A
Uncultivated Non-Ag	498.15	5	684.00	A
Walnut	256.13	16	696.50	A
Watermelon	2.65	3	109.90	A
Wheat	111.69	46	2,771.70	A
Chemical Total	7,356.86	1,492		
ALPHA-ALKYL (C10-C20)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Peach	1.77	1	2.50	A
Chemical Total	1.77	1		
ALPHA-ALKYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Celery	9.79	4	64.90	A
N-Grnhs Plants In Containers	0.54	6	1.83	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry	2.82	2	98.40	A
Chemical Total	13.15	12		
ALPHA-ALKYL (SECONDARY C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)				
Alfalfa	25.22	15	755.97	A
Almond	78.46	80	5,735.02	A
Apple	19.39	18	403.98	A
Apricot	0.01	1	6.00	A
Cherry	61.31	119	1,406.60	A
Corn (Forage - Fodder)	0.05	1	30.00	A
Corn, Human Consumption	64.37	451	15,066.00	A
Grape	2.62	1	120.00	A
Grape, Wine	21.53	27	2,428.15	A
Nectarine	< 0.01	1	2.00	A
Olive	2.61	3	79.00	A
Peach	1.14	3	60.00	A
Pear	3.16	7	51.00	A
Plum	0.03	1	14.00	A
Prune	0.76	1	37.00	A
Tomato, Processing	0.19	1	47.00	A
Walnut	61.14	100	1,990.30	A
Chemical Total	342.00	830		
ALPHA-ALKYL (C12-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	161.23	363	21,634.27	A
Almond	45.06	61	2,821.82	A
Asparagus	3.40	5	289.00	A
Barley	1.96	6	464.00	A
Bean, Dried	3.93	15	622.40	A
Bean, Succulent	3.41	9	373.80	A
Cherry	0.11	1	3.00	A
Corn (Forage - Fodder)	23.90	38	1,866.54	A
Corn, Human Consumption	0.45	1	50.00	A
Cotton	1.79	7	284.00	A
Cucumber	0.44	4	68.70	A
Ditch Bank	3.64	1	100.00	A
Grape	0.24	1	13.33	A
Grape, Wine	97.13	76	2,227.57	A
Horseradish	0.82	1	169.00	A
Landscape Maintenance	8.41			
Melon	0.06	2	25.00	A
Mint	27.41	62	3,902.00	A
N-Outdr Flower	28.52	292	1,056.11	A
N-Outdr Plants In Containers	7.00	71	165.50	A
Oat	0.19	1	21.00	A
Onion, Dry	75.93	235	11,693.90	A
Pastureland	182.26	3	1,097.06	A
Pear	0.20	2	204.00	A
Pistachio	16.02	7	510.19	A
Potato	65.69	111	6,108.00	A
Prune	14.10	15	459.99	A
Rice	26.12	7	503.60	A
Rights Of Way	5.03			
Soil Fumigation/Preplant	2.63	10	446.00	A
Squash	0.46	6	99.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry	0.08	2	6.00	A
Sunflower	2.14	7	258.20	A
Uncultivated Ag	0.27	1	132.00	A
Uncultivated Non-Ag	61.90	5	684.00	A
Walnut	31.83	16	696.50	A
Watermelon	0.33	3	109.90	A
Wheat	13.88	46	2,771.70	A
Chemical Total	917.95	1,493		
ALPHA-ALKYL (MIXED)-OMEGA-HYDROXYPOLY (OXYETHYLENE) SULFATE				
Structural Pest Control	157.63			
Chemical Total	157.63			
ALPHA-ALKYL (C6-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE) POLY (OXYPROPYLENE)				
N-Outdr Transplants	0.52	2	2.00	A
Chemical Total	0.52	2		
ALPHA-ALKYL (C12-C18)-OMEGA-HYDROXYPOLY(OXYETHYLENE) POLY (OXYPROPYLENE)				
Alfalfa	69.54	21	1,510.68	A
Barley	10.22	3	247.49	A
Corn, Human Consumption	6.05	3	146.30	A
Cotton	953.23	262	16,708.79	A
Melon	0.85	1	55.10	A
Rights Of Way	37.51			
Tomato	2.52	2	61.00	A
Tomato, Processing	121.09	43	2,879.78	A
Wheat	3.36	2	104.20	A
Chemical Total	1,204.39	337		
ALPHA-ALKYL (C10-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE) POLY (OXYPROPYLENE) PHOSPHATE				
Landscape Maintenance	0.09	2	50.00	A
Lettuce, Leaf	4.25	1	19.60	A
Chemical Total	4.34	3		
ALPHA-PINENE BETA-PINENE COPOLYMER				
Alfalfa	39.55	4	175.70	A
Almond	5,163.95	336	17,281.71	A
Apple	158.69	57	451.10	A
Apricot	211.89	28	697.50	A
Arrugula	9.08	9	46.27	A
Artichoke, Globe	920.40	69	3,935.50	A
Avocado	21.46	6	217.00	A
Bean, Dried	29.25	6	199.00	A
Bean, Succulent	53.26	8	406.00	A
Blackberry	202.99	51	567.10	A
Blueberry	293.18	48	1,036.68	A
Bok Choy	1.44	1	8.00	A
Broccoli	46.25	32	255.99	A
Cabbage	1.84	4	9.00	A
Cardoon	0.52	1	3.00	A
Carrot	304.02	36	1,699.92	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cauliflower		6.86	4	34.00	A
Celery		287.36	266	1,519.73	A
Cherry		1,541.36	189	4,613.55	A
Chestnut		10.83	3	40.00	A
Corn (Forage - Fodder)		423.15	53	1,825.50	A
Corn, Human Consumption		11.66	1	75.00	A
Cotton		24.86	2	80.00	A
Cucumber		12.99	1	72.00	A
Endive (Escarole)		13.44	50	72.20	A
Grape		12,662.39	625	18,945.33	A
Grape, Wine		3,087.63	1,010	13,629.93	A
Grapefruit		7.64	4	15.50	A
Landscape Maintenance		3.60			
Lemon		2.66	10	14.70	A
Lettuce, Head		472.02	153	2,504.10	A
Lettuce, Leaf		500.02	200	2,689.35	A
Mizuna		6.21	10	31.97	A
N-Grnhs Flower		0.62	9	4.22	A
N-Grnhs Plants In Containers		1.79	2	3.75	A
N-Outdr Flower		8.41	15	31.89	A
		1.18	5	36,600.00	S
Total Pounds On This Commodity	9.59				
N-Outdr Plants In Containers		187.43	85	490.98	A
Nectarine		1,085.68	260	3,209.95	A
Olive		1,067.17	30	2,231.30	A
Onion, Dry		204.19	19	904.24	A
Onion, Green		2.60	5	15.00	A
Orange		1,598.00	77	2,743.01	A
Peach		1,405.76	408	5,314.12	A
Pear		272.82	35	898.90	A
Pepper, Fruiting		90.19	16	560.68	A
Pistachio		480.39	10	1,069.00	A
Plum		253.75	60	911.77	A
Pomegranate		701.06	6	1,157.72	A
Potato		90.49	6	412.50	A
Prune		39.15	6	179.00	A
Raspberry		755.68	145	2,031.02	A
Rice		137.49	5	439.20	A
Rights Of Way		7.48			
Spinach		1.44	1	8.00	A
Squash		36.08	1	50.00	A
Strawberry		9,585.37	772	35,631.51	A
Sunflower		48.28	4	256.10	A
Swiss Chard		8.22	8	42.02	A
Tangelo		21.25	3	66.00	A
Tangerine		225.62	22	596.13	A
Tomato		72.76	17	171.23	A
Tomato, Processing		566.68	75	3,187.08	A
Turf/Sod		10.42	4	65.00	A
Uncultivated Ag		9.02	2	32.50	A
Unknown		10.10	4	128.20	A
Vegetable		1.92	5	11.66	A
Walnut		4,009.37	436	14,679.71	A
Watermelon		32.18	6	174.75	A
Wheat		5.95	1	41.50	A
Chemical Total		49,568.42	5,842		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		2,249.03	568	33,670.40	A
Almond		6,088.57	1,174	59,989.76	A
		1.07	5	153.44	U
Total Pounds On This Commodity	6,089.64				
Apple		4.52	1	23.50	A
Artichoke, Globe		120.55	46	638.00	A
Avocado		0.95	1	10.00	A
Barley		310.26	60	3,800.93	A
Bean, Dried		149.04	31	1,825.20	A
Bean, Succulent		3.08	1	51.00	A
Bean, Unspecified		134.10	18	617.30	A
Beet		7.86	13	23.81	A
Bermudagrass		46.25	6	391.00	A
Blackberry		46.52	41	182.94	A
Bok Choy		1.86	5	5.55	A
Broccoli		92.91	33	950.07	A
Cabbage		439.57	149	1,881.32	A
Cantaloupe		46.51	14	626.40	A
Carrot		17.28	5	180.00	A
Cauliflower		0.48	16	2.60	A
Celery		1,297.48	236	4,607.13	A
Cherry		1,487.80	87	3,834.75	A
Chinese Cabbage (Nappa)		1.86	5	5.55	A
Collard		308.99	111	929.50	A
Corn (Forage - Fodder)		796.82	203	9,350.80	A
Corn, Grain		94.14	19	762.00	A
Corn, Human Consumption		134.52	76	1,969.50	A
Cotton		1,709.25	301	19,264.89	A
Cotton (Forage - Fodder)		9.15	4	221.40	A
Cucumber		34.97	18	120.00	A
Ditch Bank		1.16	3	3.00	A
Eggplant		4.62	2	12.50	A
Endive (Escarole)		20.70	65	68.00	A
Fig		2,224.94	102	8,388.50	A
Forage Hay/Silage		63.32	18	889.00	A
Garlic		9.84	3	66.00	A
Grape		1,791.65	274	11,500.45	A
Grape, Wine		857.96	79	2,945.44	A
Herb, Spice		3.27	6	4.25	U
		3.08	5	4.00	A
Total Pounds On This Commodity	6.35				
Kale		61.79	51	154.74	A
Kiwi		2.31	1	6.00	A
Landscape Maintenance		101.43			
		0.37	2	10.00	A
Total Pounds On This Commodity	101.80				
Lemon		0.92	2	17.20	A
Lettuce, Head		272.77	134	2,041.60	A
Lettuce, Leaf		92.48	94	504.40	A
Melon		2.44	3	46.50	A
Mint		92.13	22	1,334.00	A
Mustard		235.91	112	755.23	A
N-Outdr Flower		75.03	61	518.50	A
N-Outdr Transplants		186.66	72	371.62	A
Oat		205.89	21	1,276.71	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat (Forage - Fodder)		475.25	101	5,184.92	A
Olive		11.05	10	126.12	A
Onion, Dry		381.38	83	4,313.50	A
Orange		111.92	27	736.50	A
Pastureland		4.86	2	104.00	A
Peach		30.88	9	165.29	A
Pepper, Fruiting		114.28	15	490.50	A
Pepper, Spice		19.13	3	86.00	A
Persimmon		4.47	3	9.50	A
Pistachio		9,246.93	1,314	80,581.85	A
Plum		57.40	12	110.00	A
Pomegranate		102.52	26	1,041.66	A
Potato		92.62	24	1,337.00	A
Prune		306.14	99	2,657.69	A
Raspberry		411.97	135	1,301.26	A
Research Commodity		1.54			
Rice		86.19	18	1,140.10	A
Rights Of Way		494.59			
		19.06	4	126.00	A
Total Pounds On This Commodity	513.64				
Ryegrass		13.48	1	40.00	A
Soil Fumigation/Preplant		2.74	2	4.56	A
Sorghum (Forage - Fodder)		2.00	1	52.00	A
Sorghum/Milo		67.61	2	230.00	A
Spinach		25.04	41	73.13	A
Squash		39.36	8	104.00	A
Strawberry		2,609.31	331	8,747.42	A
Structural Pest Control		5.03			
Sudangrass		1.85	1	15.00	A
Sugarbeet		56.13	16	839.96	A
Sunflower		4.63	3	107.00	A
Swiss Chard		57.56	35	173.27	A
Tangelo		2.22	1	3.20	A
Tangerine		1.39	2	30.00	A
Tomatillo		0.48	1	5.00	A
Tomato		462.69	128	4,034.63	A
Tomato, Processing		716.94	75	5,164.62	A
Triticale		34.00	6	693.10	A
Turf/Sod		20.33	3	114.80	A
Turnip		44.31	32	124.82	A
Uncultivated Ag		97.32	35	2,322.00	A
		0.24	2	116.25	U
Total Pounds On This Commodity	97.57				
Uncultivated Non-Ag		9.61	12	175.00	A
Vertebrate Control		2.31			
Walnut		1,445.86	349	10,889.83	A
		0.45	5	55.00	U
Total Pounds On This Commodity	1,446.31				
Watermelon		9.29	4	115.50	A
Wheat		869.59	203	13,535.17	A
Wheat (Forage - Fodder)		543.06	178	8,780.50	A
Chemical Total		41,063.08	7,741		
ALPHA-ALKYL (SECONDARY C11-C15)-OMEGA-HYDROXYPOLY (OXYETHYLENE)					
Onion, Dry		0.95	1	115.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.95	1		
ALPHA-ALKYL (C12-C15)-OMEGA-HYDROXYPOLY(OXYETHYLENE) SULFATE, SODIUM SALT				
Alfalfa	1.73	3	98.00	A
Almond	806.86	507	25,604.97	A
Apricot	0.07	1	2.00	A
Bean, Dried	0.39	1	36.00	A
Blackberry	0.17	2	1.50	A
Broccoli	0.93	1	20.00	A
Cauliflower	1.49	3	32.00	A
Cherry	39.96	45	559.50	A
Cotton	5.80	5	456.00	A
Grape	218.09	294	16,023.81	A
Grape, Wine	62.80	69	2,524.30	A
Grapefruit	3.55	3	38.00	A
Kiwi	0.20	1	7.50	A
Landscape Maintenance	0.15			
Lemon	14.54	19	380.32	A
Lettuce, Head	5.23	16	142.00	A
Lettuce, Leaf	1.84	11	72.60	A
N-Grnhs Flower	9.84	52	120.10	A
N-Grnhs Plants In Containers	0.10	2	3.00	A
N-Grnhs Transplants	2.20	45	52.65	A
Nectarine	36.30	34	369.50	A
Olive	55.30	35	899.20	A
Onion, Dry	0.87	1	34.50	A
Orange	676.58	287	6,250.00	A
Peach	95.18	135	2,560.85	A
Persimmon	0.33	4	15.00	A
Pistachio	59.94	36	2,302.50	A
Plum	217.99	134	2,547.30	A
Pomegranate	0.07	1	3.30	A
Pomelo	0.36	1	5.00	A
Prune	123.31	125	3,715.60	A
Rappini	0.90	2	53.90	A
Raspberry	16.52	7	142.00	A
Strawberry	282.12	328	5,661.86	A
Tangelo	32.39	24	407.00	A
Tangerine	50.14	30	508.00	A
Tomato	22.88	62	2,077.60	A
Turf/Sod	6.17	7	110.06	A
Walnut	62.02	67	1,586.10	A
Chemical Total	2,915.33	2,400		
ALPHA-ALKYLPHENYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	44.16	6	300.00	A
Almond	399.34	8	510.00	A
Apple	0.10	1	0.50	A
Corn (Forage - Fodder)	22.71	4	144.98	A
Cotton	59.04	4	377.00	A
Grape, Wine	86.52	53	736.01	A
Structural Pest Control	2.74	2	13.50	A
Walnut	6.55	2	13.22	A
Chemical Total	621.16	80		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE					
Alfalfa		13.08	2	299.60	A
Almond		179.79	220	8,822.07	A
		2.33	3	111.59	U
Total Pounds On This Commodity	182.12				
Cherry		0.02	1	0.50	A
Corn (Forage - Fodder)		11.91	10	705.30	A
Olive		9.36	7	97.12	A
Pistachio		1.95	4	108.00	A
Prune		27.92	53	1,211.79	A
Rights Of Way		10.99			
Sunflower		5.41	2	57.00	A
Uncultivated Ag		34.07	11	742.00	A
Uncultivated Non-Ag		7.38	9	104.00	A
Walnut		77.89	112	2,881.28	A
		1.46	5	55.00	U
Total Pounds On This Commodity	79.35				
Chemical Total		383.55	439		
ALKYL (C8,C10) POLYGLYCOSIDE					
Alfalfa		7,785.42	613	33,779.18	A
Almond		23,485.10	1,631	99,240.56	A
Apple		36.19	8	177.23	A
Apricot		69.23	18	332.20	A
Artichoke, Globe		1,213.91	49	2,593.70	A
Asparagus		203.48	3	111.00	A
Barley		1.87	1	31.00	A
Barley (Forage - Fodder)		43.88	11	437.00	A
Bean, Dried		188.99	37	1,193.57	A
Bean, Succulent		1.57	1	3.00	A
Bean, Unspecified		8.45	7	287.98	A
Bermudagrass		76.46	7	162.00	A
Blueberry		31.42	6	124.81	A
Bok Choy		0.38	9	28.00	A
Broccoli		73.69	341	3,460.59	A
Cabbage		8.14	42	449.58	A
Canola (Rape)		16.01	1	60.00	A
Carrot		27.07	6	132.74	A
Cauliflower		3.75	16	148.12	A
Celery		26.87	66	1,574.41	A
Cherry		701.56	106	3,085.06	A
Chinese Cabbage (Nappa)		1.90	16	51.10	A
Cilantro		0.11	1	2.00	A
Citrus		1.69	4	12.66	A
Clover		57.16	7	281.40	A
Corn (Forage - Fodder)		6,242.40	490	25,665.72	A
Corn, Grain		705.53	295	8,265.14	A
Corn, Human Consumption		114.60	253	8,171.20	A
Cotton		1,622.13	185	7,306.51	A
Cucumber		15.84	7	252.44	A
Date		21.11	2	53.50	A
Fava Bean		9.45	4	18.00	A
Fig		1.26	1	13.00	A
Forage Hay/Silage		51.54	6	213.00	A
Garbanzo Bean		60.66	5	398.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Garlic		54.12	10	694.60	A
Grape		4,824.86	801	22,329.43	A
Grape, Wine		4,901.00	815	21,819.15	A
Grapefruit		17.39	7	54.30	A
Herb, Spice		1.71	1	20.00	A
Kiwi		327.76	20	608.00	A
Landscape Maintenance		615.72			
		0.41	1	1.00	A
Total Pounds On This Commodity	616.13				
Lemon		487.77	52	2,738.33	A
Lettuce, Head		34.21	232	2,311.27	A
Lettuce, Leaf		6.69	31	272.21	A
Melon		85.03	5	194.20	A
N-Grnhs Plants In Containers		0.43	1	1.50	A
N-Grnhs Transplants		0.65	1	0.50	A
N-Outdr Flower		1.94	59	224.30	A
N-Outdr Plants In Containers		200.43	900	3,669.60	A
		0.83	8	61.50	U
Total Pounds On This Commodity	201.26				
N-Outdr Transplants		66.49	12	411.00	A
Nectarine		391.92	229	2,810.85	A
Oat		11.33	7	225.00	A
Oat (Forage - Fodder)		98.72	23	886.60	A
Olive		713.74	69	2,301.50	A
Onion, Dry		340.22	16	719.34	A
Orange		2,995.55	550	16,063.83	A
Pastureland		150.32	6	1,416.00	A
Peach		682.30	452	4,947.75	A
Pear		233.23	67	1,737.51	A
Peas		1.57	1	3.00	A
Pecan		1.26	1	4.00	A
Pepper, Fruiting		32.72	8	151.50	A
Persimmon		44.65	14	140.00	A
Pistachio		1,366.75	151	6,369.39	A
Plum		696.60	267	3,878.83	A
Pluot		52.06	53	645.14	A
Pomegranate		347.57	40	1,778.62	A
Pomelo		4.52	2	8.50	A
Prune		946.80	185	6,490.75	A
Regulatory Pest Control		7.27			
Research Commodity		6.41	1	40.00	A
Rice		8,007.81	306	26,960.31	A
Rice, Wild		20.01	1	30.00	A
Rights Of Way		4,287.71			
		1,200.70	40	1,490.10	A
Total Pounds On This Commodity	5,488.40				
Ryegrass		51.52	7	505.00	A
Safflower		45.42	10	347.50	A
Soil Fumigation/Preplant		383.43	51	2,926.90	A
Sorghum (Forage - Fodder)		5.62	2	210.00	A
Sorghum/Milo		25.23	6	157.00	A
Spinach		10.56	1	154.00	A
Strawberry		66.46	36	2,016.00	A
Structural Pest Control		72.79	5	243.50	A
		5.46			
Total Pounds On This Commodity	78.25				
Sudangrass		11.74	1	55.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sugarbeet		230.68	6	437.00	A
Sunflower		243.41	34	1,977.16	A
Tangelo		11.98	5	62.00	A
Tangerine		618.74	70	2,514.97	A
Tomato		64.02	13	781.00	A
Tomato, Processing		977.19	149	10,095.77	A
Turf/Sod		2.34	4	105.50	A
Uncultivated Ag		2,160.70	363	13,210.14	A
Uncultivated Non-Ag		15.73	16	248.50	A
Unknown		3.25	5	78.00	A
Vertebrate Control		0.12			
Walnut		2,946.52	824	18,612.71	A
Watermelon		20.67	9	604.90	A
Wheat		979.00	129	7,854.79	A
Wheat (Forage - Fodder)		127.34	53	2,478.51	A
Chemical Total		86,257.90	11,499		
ALKYL(42%C12, 26%C18, 15%C14, 8%C16, 5%C10, 4%C8)1,3-PROPYLENEDIAMINE					
Water (Industrlial)		9,839.47		14.00	A
Chemical Total		9,839.47			
ALLETHRIN					
Almond		0.23	2	57.00	A
Grape, Wine		0.59	2	97.00	A
Landscape Maintenance		< 0.01			
N-Outdr Plants In Containers		< 0.01	1	0.12	A
Olive		0.21	4	80.00	A
Pistachio		0.05	1	17.00	A
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	10		
ALLETHRIN, OTHER RELATED					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
D-ALLETHRIN					
N-Outdr Transplants		0.02	1	40.00	A
Chemical Total		0.02	1		
D-TRANS ALLETHRIN					
Animal Premise		0.30		73.00	U
Landscape Maintenance		1.12			
		< 0.01	4	170.00	A
Total Pounds On This Commodity	1.12				
Public Health		1.65			
Rights Of Way		0.30			
Structural Pest Control		37.30			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	4		
ALLYLOXYPOLYETHYLENE GLYCOL ACETATE					
Alfalfa		155.28	151	7,565.56	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	4,435.43	1,504	114,931.00	A
Apple	1.15	5	36.65	A
Artichoke, Globe	0.90	1	21.00	A
Avocado	3.46	2	235.00	A
Basil, Sweet	0.16	3	9.25	A
Bean, Dried	4.13	11	530.70	A
Bean, Succulent	1.19	6	199.49	A
Blackberry	0.24	1	1.00	A
Blueberry	2.88	7	93.00	A
Bok Choy	0.05	1	6.00	A
Broccoli	6.29	14	193.70	A
Cabbage	7.33	17	207.29	A
Cantaloupe	3.67	1	35.00	A
Carrot	9.55	11	160.90	A
Cauliflower	11.59	28	292.89	A
Celery	6.84	11	137.60	A
Cherry	71.63	73	1,545.00	A
Chestnut	0.86	2	15.00	A
Chinese Cabbage (Nappa)	0.26	1	30.00	A
Corn (Forage - Fodder)	12.22	22	993.57	A
Corn, Grain	1.04	1	90.60	A
Corn, Human Consumption	43.86	93	3,521.90	A
Cotton	63.43	1	101.80	A
Fennel	0.18	2	5.80	A
Garlic	3.46	6	360.70	A
Grape	123.69	99	4,179.93	A
Grape, Wine	2,794.47	2,569	62,243.84	A
Kale	0.75	2	15.00	A
Landscape Maintenance	6.94			
Lemon	1.80	2	20.00	A
Lettuce, Head	11.91	35	492.11	A
Lettuce, Leaf	14.00	43	456.30	A
N-Grnhs Flower	0.02	2	0.50	A
N-Grnhs Plants In Containers	0.23	3	54,800.00	S
N-Outdr Plants In Containers	5.31	35	259.55	A
	0.29	2	54,000.00	S
Total Pounds On This Commodity	5.59			
Nectarine	1.32	7	28.25	A
Olive	4.35	5	152.00	A
Onion, Dry	13.74	23	479.22	A
Onion, Green	2.05	15	74.00	A
Orange	22.63	10	155.75	A
Parsley	0.15	1	3.60	A
Peach	107.61	175	2,722.46	A
	0.85	2	36.90	U
Total Pounds On This Commodity	108.46			
Pecan	32.45	10	732.00	A
Pepper, Fruiting	41.51	55	1,698.70	A
Pistachio	39.27	18	674.00	A
Pomegranate	1.08	1	38.00	A
Potato	118.56	7	407.20	A
Prune	150.77	67	3,526.70	A
Pumpkin	0.54	5	154.00	A
Raspberry	1.15	1	5.00	A
Rice	0.74	4	341.00	A
Rights Of Way	0.89			
Strawberry	92.86	54	871.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		0.53			
Tangelo		6.43	3	60.00	A
Tomato		7.10	2	170.00	A
Tomato, Processing		18.37	78	3,175.70	A
Turf/Sod		0.86	1	10.00	A
Turnip		0.19	2	25.88	A
Uncultivated Ag		2.28	4	104.50	A
Walnut		1,793.43	1,168	33,185.72	A
Watermelon		0.46	1	10.00	A
Wheat		1.02	2	175.00	A
Chemical Total		10,269.67	6,488		
ALMOND, BITTER					
Lettuce, Leaf		0.01	4	41.10	A
Strawberry		0.01	1	60.00	A
Tomato, Processing		0.08	3	295.00	A
Walnut		< 0.01	3	2.25	A
Chemical Total		< 0.01	11		
ALUMINUM PHOSPHIDE					
Alfalfa		322.09	57	7,423.96	A
		10.82		660.94	T
		9.36	13	347.00	U
Total Pounds On This Commodity	< 0.01				
Almond		3,261.51	862	55,196.00	A
		2,789.21		98,063.27	K
		1,574.75	4	8,959,224.00	C
		1,510.35		198,436.97	T
		405.76	75	1,145,898.73	U
		156.74		3,362,673.46	P
		14.38	5	334,625.00	S
Total Pounds On This Commodity	9,712.69				
Animal Premise		18.68	2	31.00	A
Apple		3,820.74	32	949.65	A
Apricot		31.23	9	123.50	A
Artichoke, Globe		1,138.82	179	5,841.40	A
Asparagus		0.28	1	0.50	A
Avocado		23.47	66	322.50	A
Barley		0.31		648,000.00	P
Bean, Dried		30.25		46,800.00	C
		28.35		3,457.65	T
		17.73		4,742,111.40	P
Total Pounds On This Commodity	76.33				
Bean, Succulent		0.10	2	76.50	A
Bean, Unspecified		0.37		12,000.00	C
Beehive		55.99		190,070.00	C
		7.59	1	10,685.00	U
Total Pounds On This Commodity	63.57				
Blackberry		672.04	3	57.00	A
Blueberry		18.11	6	160.48	A
Brussels Sprout		1.09	5	240.00	A
Carrot		0.06		2,748.00	P
Cauliflower		< 0.01		1,065.00	P
Cherry		258.54	3	16,500.00	U
		95.31	52	744.20	A
Total Pounds On This Commodity	353.85				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Christmas Tree		2.63		4.00	A
Citrus		19.40	5	94.00	A
Collard		0.02		4,094.00	P
Commodity Fumigation		10,244.70			
		46.60	12	1,575.00	A
Total Pounds On This Commodity	10,291.29				
Corn (Forage - Fodder)		0.26		50,400.00	C
Corn, Human Consumption		743.32		8,172.90	K
		80.09		970,874.39	C
		0.67	3	162.00	A
Total Pounds On This Commodity	824.08				
Cranberry		0.21		3.38	T
		< 0.01		675.00	P
Total Pounds On This Commodity	0.22				
Ditch Bank		275.00		10.00	A
Dried Fruit		53,258.19		16,368,934.40	C
		6,051.34		52,948.37	K
		3.09		339.00	T
Total Pounds On This Commodity	59,312.62				
Fig		221.10		500.00	K
		4.68		41,612.00	C
		2.44		357.00	T
Total Pounds On This Commodity	228.22				
Food Procressing Plant		1.31		9,000.00	C
Forage Hay/Silage		34.22	11	1,251.40	A
		0.61	3	53.00	U
Total Pounds On This Commodity	34.83				
Fumigation, Other		8,073.25			
		21.81	3	3,516.00	U
Total Pounds On This Commodity	8,095.06				
Grain		142.45		466.30	K
		115.03	12	5,100.00	?
		11.91	3	532.00	U
		9.35		450.00	T
		7.94		12,000.00	C
		0.22	1	2.00	A
Total Pounds On This Commodity	286.90				
Granary		0.83	1	0.01	A
Grape		2,183.15		91,638.21	K
		1,487.67		13,451,331.59	C
		78.24		602,431.66	S
		70.91		4,060.20	T
		60.19	33	889.94	A
		6.74	8	564.00	U
Total Pounds On This Commodity	3,886.90				
Grape, Wine		2,911.00	494	14,542.14	A
Greenhouse Fumigation		0.82		5,208.00	C
Industrial Site		4.00	9	135.00	A
Kiwi		2.19	4	29.00	A
Landscape Maintenance		22,959.31			
		225.10	62	2,702.67	A
Total Pounds On This Commodity	23,184.40				
Lemon		16.67	5	48.50	A
N-Grnhs Plants In Containers		2.02	3	61,445.00	S
N-Outdr Flower		10.35	32	185.02	A
		0.53	2	965.00	S
Total Pounds On This Commodity	10.87				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		2.81	10	58.51	A
		0.16	1	8.00	U
Total Pounds On This Commodity	2.97				
N-Outdr Transplants		111.03	12	55.60	A
Nectarine		0.06	2	2.10	A
Nuts		1.52		55.04	T
		0.02		950.00	P
Total Pounds On This Commodity	1.54				
Oat		16.01	3	175.00	A
Olive		4.26	2	22.20	A
Orange		1.29	3	64.10	A
Orchard Floor		6.00	4	60.70	A
Pastureland		23.15	48	667.00	A
Peach		12.51	12	205.55	A
Peas		0.03		2,368.00	P
Pecan		0.19		8.05	T
Persimmon		9.29	20	73.00	A
Pineapple		0.06		1.63	T
Pistachio		9,284.55		41,890,087.00	C
		2,344.76		16,285.67	K
		357.62		20,681.91	T
		52.71	31	2,713.00	A
		8.25		15.00	P
Total Pounds On This Commodity	12,047.89				
Plum		0.46	5	37.60	A
Prune		391.78		3,708,086.00	C
		92.07		1,045.20	K
		81.01	24	615.74	A
		12.76		550.00	T
Total Pounds On This Commodity	577.62				
Public Health		2.38			
Radish		0.03	1	11.00	A
Rangeland		119.14	13	169.58	A
Raspberry			1	50.00	A
Regulatory Pest Control		10.70			
Research Commodity		5.54			
Rice		384.01		755,724.00	U
		138.05		975,000.00	S
		83.40		4,936.10	T
		37.00		400,500.00	?
		8.47		13,624.00	C
		8.36		10,000.00	K
Total Pounds On This Commodity	659.29				
Rights Of Way		1,004.43			
		11.77	14	26.25	A
Total Pounds On This Commodity	1,016.20				
Safflower		7.56		509,250.00	?
		1.93		77.50	T
Total Pounds On This Commodity	9.49				
Soil Fumigation/Preplant		3.60	1	6.00	A
Storage Area/Box				1,000.00	T
		28.60		400.00	?
		6.25		29,275.00	C
Total Pounds On This Commodity	34.85				
Strawberry		0.23	1	3.00	A
Structural Pest Control		2,913.81			
Sudangrass		1.92	2	40.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.55		18,100.00	U
		0.05		1.50	T
Total Pounds On This Commodity	2.52				
Sunflower		62.13		277,600.00	C
		2.26		11,088.00	P
Total Pounds On This Commodity	64.38				
Sweet Potato		2.68	6	145.00	A
Tangerine		0.58	9	560.90	A
Timothy		4.51		18,900.00	C
Tomato, Processing		218.24	9	578.00	A
Turf/Sod		421.76	41	1,921.78	A
Uncultivated Ag		71.46	26	1,252.70	A
		2.98	2	24,000.00	S
Total Pounds On This Commodity	74.44				
Uncultivated Non-Ag		53.16		157,932.00	C
		40.12	48	2,955.67	A
		1.06	2	2,350.00	U
Total Pounds On This Commodity	94.33				
Unknown		595.08	85	839.70	A
		0.62		32,000.00	C
		0.39		12.00	T
Total Pounds On This Commodity	596.09				
Vegetable		11.55		54,000.00	C
		0.19		7,300.00	K
		0.01		800.00	P
Total Pounds On This Commodity	11.75				
Vertebrate Control		9,962.60			
		25.19	12	567.00	A
Total Pounds On This Commodity	9,987.79				
Walnut		327.42	149	3,436.27	A
		17.41		1,195.30	T
		13.94		2,047,700.00	P
		6.56	9	576.00	U
		0.35			
		0.17	2	420.00	S
Total Pounds On This Commodity	365.84				
Watermelon		0.20	1	57.00	A
Wheat		842.32		58,699.38	T
		282.15		571,125.00	U
		15.16	7	441.18	A
		1.37		1,763,650.00	P
Total Pounds On This Commodity	1,140.99				
Wheat (Forage - Fodder)		0.11	1	4.00	A
Chemical Total		156,241.39	2,702		
ALUMINUM SULFATE					
Alfalfa		210.00	1	10.50	A
Almond		237.17	2	72.48	A
Walnut		106.12	6	90.18	A
Wheat		31.68	2	66.00	A
Chemical Total		584.97	11		
AMINO ETHOXY VINYL GLYCINE HYDROCHLORIDE					
Apple		0.33	2	3.00	A
Cucumber		25.65	89	397.74	A
Pear		10.26	7	93.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Plum		0.22	1	2.00	A
Regulatory Pest Control		1.10			
Research Commodity		< 0.01			
Walnut		503.09	216	5,094.84	A
Chemical Total		540.65	315		
AMINOPYRALID, TRIISOPROPANOLAMINE SALT					
Farm/Ag Building		0.67	2	4.80	A
Grape, Wine		60.19	1	333.00	U
Industrial Site		0.15	1	5.00	A
Landscape Maintenance		1,676.29			
		1.69	4	16.00	A
Total Pounds On This Commodity	1,677.98				
N-Outdr Plants In Containers		105.07	14	168.40	A
Pastureland		694.90	114	4,242.05	A
		3.86	1	1,000.00	S
Total Pounds On This Commodity	698.75				
Public Health		6.32			
Rangeland		1,527.50	98	11,250.06	A
Recreation Area		0.05	1	10.00	A
Regulatory Pest Control		148.32			
		12.27		126.95	A
Total Pounds On This Commodity	160.59				
Research Commodity		1.69			
Rights Of Way		9,903.24			
		52.99	3	315.00	A
Total Pounds On This Commodity	9,956.23				
Ryegrass		8.44	1	40.00	A
Structural Pest Control		35.13			
Uncultivated Ag		211.61	30	1,481.60	A
Uncultivated Non-Ag		1,987.34	41	1,336.31	A
		0.36			
Total Pounds On This Commodity	1,987.71				
Chemical Total		16,438.10	311		
4-AMINOPYRIDINE					
Fumigation, Other		0.01			
Landscape Maintenance		0.74			
Rights Of Way		0.10			
Structural Pest Control		39.81			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01			
AMITRAZ					
Lemon		6.90	2	74.00	A
Chemical Total		6.90	2		
AMITROLE					
Landscape Maintenance		0.64			
Rights Of Way		4.40			
Chemical Total		5.04			
AMMONIUM BICARBONATE					
Olive		0.01	2	6.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Regulatory Pest Control		0.14			
Structural Pest Control		0.31			
Chemical Total		0.47	2		
AMMONIUM CITRATE					
Corn (Forage - Fodder)		17.73	1	35.00	A
Chemical Total		17.73	1		
AMMONIUM DODECYL POLY OXYETHYLENE SULFATE					
Structural Pest Control		0.03			
Chemical Total		0.03			
AMMONIUM LAURYL SULFATE					
Structural Pest Control		0.05			
Chemical Total		0.05			
AMMONIUM OLEATE					
Almond		0.51	1	4.00	A
Grape		16.66	2	50.00	A
Chemical Total		17.16	3		
AMMONIUM NITRATE					
Alfalfa		3,308.59	806	45,299.45	A
Almond		10,370.85	3,722	218,898.54	A
		22.97	9	379.59	U
Total Pounds On This Commodity	10,393.82				
Apple		17.23	8	177.23	A
Apricot		32.99	19	339.20	A
Artichoke, Globe		578.16	52	2,602.20	A
Asparagus		14.18	10	783.10	A
Barley		8.73	5	199.10	A
Barley (Forage - Fodder)		20.89	11	437.00	A
Bean, Dried		95.59	47	1,897.57	A
Bean, Succulent		1.52	2	109.00	A
Bean, Unspecified		2.89	3	111.00	A
Bermudagrass		46.06	11	596.80	A
Blueberry		15.11	7	144.81	A
Canola (Rape)		7.63	1	60.00	A
Cantaloupe		2.50	4	471.00	A
Carrot		13.71	8	150.04	A
Cauliflower		0.51	4	28.72	A
Celery		0.38	1	26.50	A
Cherry		338.24	150	3,630.04	A
Citrus		0.90	5	32.66	A
Clover		27.88	11	418.89	A
Corn (Forage - Fodder)		3,256.93	776	42,605.63	A
Corn, Grain		335.66	293	8,094.53	A
Corn, Human Consumption		13.69	10	205.00	A
Cotton		323.21	116	6,411.23	A
Cucumber		4.68	8	184.94	A
Date		10.00	1	38.50	A
Ditch Bank		0.12	1	25.00	A
Fava Bean		4.50	4	18.00	A
Fig		0.60	1	13.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Forage Hay/Silage		26.82	13	416.10	A
Garbanzo Bean		29.98	7	548.00	A
Garlic		29.86	13	905.60	A
Grape		1,918.23	909	24,418.34	A
Grape, Wine		2,429.07	2,226	47,457.76	A
Grapefruit		1.55	4	28.00	A
Herb, Spice		0.81	1	20.00	A
Kiwi		30.21	9	269.00	A
Landscape Maintenance		22.48			
Lemon		229.47	51	2,720.33	A
Lettuce, Head		0.14	2	7.60	A
Lettuce, Leaf		0.20	2	15.00	A
Melon		39.74	9	349.69	A
Mint		2.87	15	747.00	A
N-Outdr Plants In Containers		63.97	78	576.90	A
N-Outdr Transplants		31.81	15	429.00	A
Nectarine		195.64	264	3,602.35	A
Oat		11.84	13	749.00	A
Oat (Forage - Fodder)		49.24	24	836.70	A
Olive		435.66	206	8,927.92	A
Onion, Dry		66.50	15	506.60	A
Orange		845.57	280	10,193.36	A
Parsley		2.34	6	109.30	A
Pastureland		74.64	11	1,774.00	A
Peach		332.97	486	6,105.50	A
Pear		100.81	59	1,477.51	A
Peas		17.71	53	712.50	A
Pecan		5.66	11	227.00	A
Pepper, Fruiting		17.16	14	202.40	A
Pepper, Spice		1.21	2	50.00	A
Persimmon		13.19	15	138.00	A
Pistachio		454.80	261	11,546.23	A
Plum		299.87	274	4,040.74	A
Pluot		25.03	55	665.14	A
Pomegranate		147.35	40	1,732.59	A
Pomelo		0.92	1	6.00	A
Potato		12.81	7	818.00	A
Prune		691.07	322	9,673.08	A
Rangeland		0.24	1	50.00	A
Research Commodity		3.05	1	40.00	A
Rice		4,458.16	1,071	75,892.09	A
Rice, Wild		9.53	1	30.00	A
Rights Of Way		553.45			
		92.08	44	1,594.10	A
Total Pounds On This Commodity	645.53				
Ryegrass		25.92	11	817.70	A
Safflower		22.87	21	853.50	A
Soil Fumigation/Preplant		194.73	83	3,957.50	A
Sorghum (Forage - Fodder)		2.67	2	210.00	A
Sorghum/Milo		7.37	5	127.00	A
Soybean		0.14	1	59.00	A
Strawberry		8.03	2	131.00	A
Structural Pest Control		34.66	5	243.50	A
		2.54			
Total Pounds On This Commodity	37.20				
Sudangrass		5.59	1	55.00	A
Sugarbeet		36.99	6	441.90	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sunflower		127.02	65	3,557.99	A
Tangelo		3.85	4	44.00	A
Tangerine		271.91	61	2,403.47	A
Tomato		29.67	9	751.00	A
Tomato, Processing		513.36	348	21,871.88	A
Uncultivated Ag		1,388.56	908	29,934.09	A
Uncultivated Non-Ag		85.69	46	1,010.00	A
Walnut		1,970.17	1,227	30,753.75	A
		14.40	9	235.00	U
Total Pounds On This Commodity	1,984.57				
Watermelon		6.69	6	295.75	A
Wheat		436.61	154	10,194.49	A
Wheat (Forage - Fodder)		61.94	39	1,710.00	A
Chemical Total		37,904.00	16,010		
AMMONIUM PROPIONATE					
Alfalfa		922.74	97	8,716.69	A
Almond		2,459.27	527	25,180.20	A
Apple		4.71	2	8.00	A
Avocado		5.57	5	39.00	A
Bean, Dried		21.48	3	430.00	A
Bean, Succulent		1.24	3	5.25	A
Blueberry		1.90	6	1.75	A
Broccoli		38.62	59	691.15	A
Cabbage		0.47	1	2.00	A
Cantaloupe		13.00	4	266.00	A
Cauliflower		10.58	31	228.70	A
Cherry		11.09	9	120.70	A
Corn (Forage - Fodder)		40.95	12	628.40	A
Corn, Human Consumption		29.93	7	320.30	A
Cotton		3,408.35	293	49,779.78	A
Forage Hay/Silage		13.20	1	70.00	A
Garbanzo Bean		1.77	2	25.00	A
Grape		2.19	1	5.80	A
Grape, Wine		893.90	554	10,703.99	A
Kale		1.03	1	3.00	A
Landscape Maintenance		111.61			
Lemon		0.15	1	1.00	A
Lettuce, Head		5.54	2	23.50	A
N-Grnhs Flower		5.66	2	4.90	A
N-Outdr Flower		138.40	93	438.51	A
N-Outdr Plants In Containers		18.99	64	73.34	A
Nectarine		0.29	2	1.25	A
Oat		18.19	3	131.80	A
Olive		3.30	2	37.00	A
Onion, Dry		16.92	4	220.00	A
Orange		1.39	1	24.00	A
Pastureland		0.18	1	1.50	A
Peach		3.20	7	42.00	A
Pear		0.63	1	8.63	A
Peas		0.41	3	3.50	A
Pistachio		97.92	31	1,986.00	A
Plum		1.44	3	38.25	A
Pomegranate		11.05	3	284.00	A
Rangeland		49.90	17	240.00	A
Raspberry		55.65	9	94.54	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way		377.80			
		51.36	9	907.50	A
Total Pounds On This Commodity	429.16				
Safflower		12.73	1	135.00	A
Soil Fumigation/Preplant		23.23	2	93.00	A
Strawberry		879.49	47	1,848.61	A
Structural Pest Control		28.20	18	230.98	A
		0.22			
Total Pounds On This Commodity	28.42				
Tangerine		50.52	18	175.75	A
Tomato		4.92	6	83.00	A
Tomato, Processing		882.78	140	16,506.29	A
Turf/Sod		15.93	7	81.80	A
Uncultivated Ag		452.64	77	10,761.20	A
Uncultivated Non-Ag		25.73	6	194.47	A
Unknown		0.70	1	2.00	A
Walnut		411.24	120	3,150.48	A
Wheat (Forage - Fodder)		19.56	6	290.00	A
Chemical Total		11,659.86	2,325		
AMMONIUM SULFAMATE					
Rights Of Way		171.00			
Chemical Total		171.00			
AMMONIUM SULFATE					
Alfalfa		34,433.58	2,052	114,300.31	A
Almond		493,551.79	6,797	427,061.70	A
		21.00	6	268.00	U
Total Pounds On This Commodity	493,572.79				
Apple		210.06	28	560.51	A
Apricot		712.75	36	757.56	A
Artichoke, Globe		1,158.65	52	2,602.20	A
Asparagus		1,451.32	27	1,963.90	A
Avocado		35.05	29	138.00	A
Barley		526.26	20	1,185.37	A
Barley (Forage - Fodder)		41.79	11	437.00	A
Basil, Sweet		39.62	2	9.00	A
Bean, Dried		2,523.52	111	5,947.37	A
Bean, Succulent		25.54	7	249.25	A
Bean, Unspecified		5.80	3	111.00	A
Bermudagrass		352.98	13	616.80	A
Blueberry		34.15	13	146.56	A
Bok Choy		22.86	11	22.35	A
Broccoli		628.20	119	1,331.47	A
Cabbage		230.36	33	200.22	A
Canola (Rape)		15.25	1	60.00	A
Cantaloupe		178.34	21	1,845.50	A
Carrot		99.36	13	283.04	A
Cauliflower		77.03	80	1,001.86	A
Celery		431.12	225	1,871.15	A
Cherry		4,914.67	405	9,030.79	A
Chestnut		< 0.01	1	0.09	A
Chinese Cabbage (Nappa)		22.05	5	22.80	A
Cilantro		78.01	12	61.80	A
Citrus		30.34	10	93.91	A
Clover		70.88	11	418.89	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn (Forage - Fodder)		44,589.75	2,117	115,240.57	A
Corn, Grain		1,822.72	355	10,395.92	A
Corn, Human Consumption		377.65	38	1,536.50	A
Cotton		15,664.08	1,041	94,995.08	A
Cotton (Forage - Fodder)		43.19	6	332.10	A
Cucumber		41.51	13	258.88	A
Date		19.99	1	38.50	A
Ditch Bank		1,301.33	31	259.10	A
Farm/Ag Building		0.67	2	6.80	A
Fava Bean		9.00	4	18.00	A
Fig		92.78	11	360.60	A
Forage Hay/Silage		115.18	15	529.20	A
Forest, Timberland		68.59	15	608.00	A
Garbanzo Bean		233.50	12	762.00	A
Garlic		347.49	28	1,829.80	A
Grape		12,061.67	1,119	31,823.05	A
Grape, Wine		83,759.17	4,828	141,910.71	A
Grapefruit		25.97	13	107.50	A
Herb, Spice		9.63	2	40.00	A
Industrial Site		90.00	1	6.00	A
Kale		2.02	7	21.00	A
Kiwi		65.68	30	400.50	A
Landscape Maintenance		405.76			
		22.67	3	13.50	A
Total Pounds On This Commodity	428.43				
Lemon		710.57	127	3,655.92	A
Lettuce, Head		569.79	236	3,033.34	A
Lettuce, Leaf		916.75	246	2,603.04	A
Melon		134.49	13	617.69	A
Mint		130.51	29	1,714.00	A
N-Grnhs Flower		300.64	312	526.92	A
N-Grnhs Plants In Containers		35.37	31	24.29	A
		21.23	23	950,000.00	U
Total Pounds On This Commodity	56.60				
N-Outdr Flower		46.14	117	528.84	A
N-Outdr Plants In Containers		574.98	506	938.03	A
N-Outdr Transplants		129.39	21	507.00	A
Nectarine		6,971.19	354	5,594.86	A
Oat		338.39	21	1,345.80	A
Oat (Forage - Fodder)		1,592.13	60	2,460.21	A
Olive		7,394.50	394	16,250.21	A
Onion, Dry		969.05	76	3,188.99	A
Orange		23,956.84	1,177	33,569.47	A
Parsley		57.84	6	109.30	A
Pastureland		2,694.37	30	2,350.19	A
Peach		9,564.31	744	10,652.95	A
Pear		442.67	126	2,112.81	A
Peas		421.47	56	716.00	A
Pecan		134.31	12	237.00	A
Pepper, Fruiting		120.87	17	300.90	A
Pepper, Spice		30.00	2	50.00	A
Persimmon		183.00	20	178.21	A
Pistachio		29,253.81	1,013	62,482.23	A
Plum		4,917.48	344	5,930.31	A
Pluot		55.58	55	665.14	A
Pomegranate		5,305.54	183	10,459.32	A
Pomelo		1.83	1	6.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		1,453.46	46	4,024.00	A
Prune		1,986.15	331	10,330.73	A
Pumpkin		29.71	1	30.00	A
Rangeland		68.54	43	800.00	A
Raspberry		13.91	9	94.54	A
Recreation Area		0.98	1	10.00	A
Research Commodity		6.10	1	40.00	A
Rice		25,689.47	1,193	85,335.39	A
Rice, Wild		68.14	6	1,030.00	A
Rights Of Way		11,846.17			
		735.39	104	4,080.10	A
Total Pounds On This Commodity	12,581.56				
Ryegrass		138.24	13	967.70	A
Safflower		631.52	35	1,941.50	A
Soil Fumigation/Preplant		2,842.22	194	13,086.49	A
Sorghum (Forage - Fodder)		7.90	3	262.00	A
Sorghum/Milo		6,508.10	30	1,494.03	A
Soybean		3.54	1	59.00	A
Spinach		121.44	4	202.70	A
Squash, Summer		23.48	3	24.30	A
Strawberry		429.93	75	2,453.01	A
Structural Pest Control		76.38	23	474.48	A
		5.14			
Total Pounds On This Commodity	81.52				
Sudangrass		11.18	1	55.00	A
Sugarbeet		216.88	17	1,227.90	A
Sunflower		1,294.28	83	4,937.95	A
Tangelo		239.39	35	850.99	A
Tangerine		3,229.99	290	16,236.75	A
Tomato		2,102.56	59	3,270.90	A
Tomato, Processing		17,679.54	726	56,321.74	A
Triticale		4.12	1	42.00	A
Turf/Sod		20,949.42	15	563.50	A
Uncultivated Ag		13,758.28	1,231	53,020.23	A
Uncultivated Non-Ag		404.58	86	1,975.57	A
Unknown		77.59	17	236.05	A
Vertebrate Control		17.92	4	127.34	A
Walnut		15,701.60	1,913	52,870.92	A
		14.22	4	180.00	U
Total Pounds On This Commodity	15,715.81				
Water Area		0.15		2.00	U
Watermelon		48.41	8	382.65	A
Wheat		11,643.74	292	24,467.91	A
Wheat (Forage - Fodder)		2,303.34	218	12,160.49	A
Chemical Total		943,450.44	33,314		
AMMONIUM TALL OIL FATTY ACID SOAP					
Landscape Maintenance		0.14			
N-Outdr Plants In Containers		0.44	1	0.50	A
Chemical Total		0.58	1		
AMMONIUM THIOSULFATE					
Landscape Maintenance		2.56			
Chemical Total		2.56			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
AMPELOMYCES QUISQUALIS					
Grape, Wine		0.13	3	22.40	A
Chemical Total		0.13	3		
AMYL ACETATE					
Almond		0.37	1	35.00	A
Broccoli		9.79	55	539.15	A
Cauliflower		4.23	31	228.70	A
Uncultivated Ag		1.67	12	65.50	A
Chemical Total		16.06	99		
PARA-TERT-AMYLPHENOL					
Animal Premise		218.78		5,400.00	U
		10.00		231,450.00	S
		6.45		30.00	A
		5.71			
Total Pounds On This Commodity	< 0.01				
Farm/Ag Building		2.31		51.00	U
Industrial Site		< 0.01		10.00	A
		< 0.01		1.00	U
Total Pounds On This Commodity	0.00				
Landscape Maintenance		131.52			
		0.04	1	4.00	A
Total Pounds On This Commodity	131.56				
Research Commodity		< 0.01			
Rights Of Way		1.64			
Structural Pest Control		198.44			
Vertebrate Control		161.88			
Chemical Total		736.78	1		
PARA-TERT-AMYLPHENOL, POTASSIUM SALT					
Structural Pest Control		2.26			
Chemical Total		2.26			
ANCYMIDOL					
N-Grnhs Flower		< 0.01	2	2.04	A
		< 0.01	8	1,006.00	S
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		0.10	89	187,716.00	S
		0.02	6	7.12	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Transplants		36.97	353	3,394,580.00	S
		< 0.01	1	0.75	A
Total Pounds On This Commodity	36.97				
N-Outdr Flower		< 0.01	3	4,050.00	S
N-Outdr Plants In Containers		0.12	125	307,738.00	S
		0.06	21	19.38	A
Total Pounds On This Commodity	0.18				
N-Outdr Transplants		< 0.01	3	8,000.00	S
Chemical Total		< 0.01	611		
ANILAZINE					
Landscape Maintenance		20.32			
N-Outdr Plants In Containers		0.02	1	0.75	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		20.34	1		
AROMATIC 150					
Landscape Maintenance		0.15	2	50.00	A
Lettuce, Leaf		6.86	1	19.60	A
Chemical Total		7.01	3		
ARSENIC PENTOXIDE					
Fumigation, Other		400.48			
Chemical Total		400.48			
ARSENIC TRIOXIDE					
Landscape Maintenance		< 0.01			
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
ATRAZINE					
Bermudagrass		342.40	6	290.00	A
Cauliflower		107.75	1	74.00	A
Christmas Tree		74.69	11	33.57	A
Corn (Forage - Fodder)		2,435.25	38	1,930.47	A
Corn, Human Consumption		7,710.90	130	6,316.47	A
Forest, Timberland		2,380.53	27	765.10	A
Landscape Maintenance		226.26			
N-Outdr Flower		0.30	1	0.44	A
N-Outdr Plants In Containers		0.73	1	25.00	A
Research Commodity		231.18			
		32.08	3	18.65	A
Total Pounds On This Commodity	263.26				
Rights Of Way		11.66			
Sorghum (Forage - Fodder)		13.68	1	20.00	A
Sorghum/Milo		538.63	7	449.30	A
Sudangrass		7,277.97	95	4,927.47	A
Sugarcane		695.11	10	299.20	A
Uncultivated Ag		108.15	4	69.00	A
Chemical Total		22,187.29	335		
ATRAZINE, OTHER RELATED					
Bermudagrass		7.23	6	290.00	A
Cauliflower		2.28	1	74.00	A
Christmas Tree		1.56	11	33.57	A
Corn (Forage - Fodder)		52.22	38	1,930.47	A
Corn, Human Consumption		162.91	130	6,316.47	A
Forest, Timberland		47.63	27	765.10	A
Landscape Maintenance		4.69			
N-Outdr Flower		< 0.01	1	0.44	A
N-Outdr Plants In Containers		0.02	1	25.00	A
Research Commodity		4.88			
		0.68	3	18.65	A
Total Pounds On This Commodity	5.56				
Rights Of Way		0.22			
Sorghum (Forage - Fodder)		0.26	1	20.00	A
Sorghum/Milo		11.27	7	449.30	A
Sudangrass		150.28	95	4,927.47	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sugarcane		14.69	10	299.20	A
Uncultivated Ag		2.28	4	69.00	A
Chemical Total		463.10	335		
AURAMINE					
Landscape Maintenance		0.04	1	1.00	A
Chemical Total		0.04	1		
AZADIRACHTIN					
Alfalfa		4.75	20	1,049.00	A
Apple		0.17	3	12.50	A
Arrugula		12.05	140	416.91	A
Artichoke, Globe		14.64	43	485.20	A
Avocado		0.17	4	8.00	A
Basil, Sweet		8.67	155	457.78	A
Bean, Dried		1.37	1	48.00	A
Bean, Succulent		8.21	12	176.50	A
Bean, Unspecified		0.02	3	12.18	A
Beet		4.11	110	228.08	A
Blackberry		4.06	16	123.85	A
Blueberry		4.38	9	354.28	A
Bok Choy		3.87	67	325.22	A
Broccoli		52.23	364	2,004.39	A
Brussels Sprout		0.18	4	13.10	A
Cabbage		42.16	260	1,490.48	A
Cantaloupe		8.79	39	467.23	A
Carrot		12.09	16	523.60	A
Cauliflower		74.46	502	2,864.13	A
Celeriac		0.50	29	39.72	A
Celery		89.44	646	3,539.39	A
Cherry		0.68	1	15.00	A
Chervil		0.65	20	26.44	A
Chicory		0.34	4	7.80	A
Chinese Cabbage (Nappa)		12.95	68	331.29	A
Chive		3.45	49	180.06	A
Cilantro		5.27	178	341.09	A
Collard		8.04	83	412.16	A
Commodity Fumigation		0.34			
Corn, Human Consumption		< 0.01	1	2.00	A
Cucumber		0.47	16	19.80	A
		0.04	3	89,500.00	S
Total Pounds On This Commodity	0.50				
Daikon		1.50	35	126.67	A
Dandelion Green		0.15	8	8.26	A
Dill		2.36	49	138.05	A
Edible Flowers		0.13	5	0.77	A
Eggplant		0.04	4	1.75	A
Endive (Escarole)		6.38	155	235.34	A
Fennel		2.84	17	247.45	A
Garlic		0.97	3	42.50	A
Grape		10.38	27	390.43	A
Grape, Wine		15.73	22	553.02	A
Herb, Spice		5.26	114	263.88	A
		1.88	10	811,508.00	S
		0.73	15	31.50	U
Total Pounds On This Commodity	7.88				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Kale		19.68	149	715.90	A
Kohlrabi		4.94	44	408.47	A
Landscape Maintenance		17.23			
		< 0.01	1	15.00	A
Total Pounds On This Commodity	17.23				
Leek		5.45	74	435.09	A
Lemon		0.06	1	2.00	A
Lettuce, Head		46.57	268	2,659.82	A
Lettuce, Leaf		251.94	1,121	10,619.22	A
Melon		2.05	8	149.64	A
		< 0.01	1	20,000.00	S
Total Pounds On This Commodity	2.05				
Mint		0.45	21	27.19	A
Mizuna		1.32	21	50.62	A
Mushroom		3.04	53	265,200.00	S
		1.11	5	28.00	A
Total Pounds On This Commodity	4.15				
Mustard		4.56	113	189.97	A
N-Grnhs Flower		104.23	1,407	2,824.75	A
		8.00	169	5,856,793.00	S
Total Pounds On This Commodity	112.23				
N-Grnhs Plants In Containers		30.74	737	1,090.90	A
		27.67	578	32,320,757.40	S
Total Pounds On This Commodity	58.40				
N-Grnhs Transplants		4.91	192	230.61	A
		1.90	179	4,561,018.54	S
Total Pounds On This Commodity	6.81				
N-Outdr Flower		19.75	299	887.36	A
		6.34	178	6,120,942.00	S
Total Pounds On This Commodity	26.09				
N-Outdr Plants In Containers		23.81	330	996.11	A
		2.62	117	2,126,487.00	S
		0.02	2	950.00	U
Total Pounds On This Commodity	26.45				
N-Outdr Transplants		7.03	128	4,061,415.00	S
		3.42	372	161.86	A
Total Pounds On This Commodity	10.45				
Nectarine		1.41	11	105.50	A
Onion, Dry		74.01	52	3,303.23	A
Onion, Green		21.27	63	765.42	A
Orange		38.66	19	1,126.52	A
Oregano		0.44	5	22.00	A
Parsley		2.28	70	129.35	A
Peach		2.43	3	86.01	A
Pear		0.01	2	4.00	A
Peas		3.49	17	211.60	A
Pepper, Fruiting		18.76	46	1,042.44	A
Pepper, Spice		1.25	5	55.00	A
Persimmon		0.76	2	36.00	A
Potato		10.59	7	265.65	A
Pumpkin		0.84	7	39.50	A
Radicchio		2.16	6	188.56	A
Radish		0.89	56	71.61	A
Rappini		3.98	8	139.80	A
Raspberry		45.59	123	1,501.52	A
Regulatory Pest Control		< 0.01			
Research Commodity		0.44			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.08	5	2.84	A
Total Pounds On This Commodity	0.52				
Rhubarb		0.08	5	3.40	A
Rights Of Way		161.11			
		0.70	3	28.00	A
Total Pounds On This Commodity	161.81				
Rosemary		0.32	7	7.00	A
Rutabaga		0.43	13	15.30	A
Sage		0.34	4	11.00	A
Shallot		0.28	2	17.00	A
Spinach		51.38	272	2,201.73	A
Squash		2.55	13	279.16	A
Strawberry		200.22	371	5,162.14	A
Structural Pest Control		2.04			
Swiss Chard		7.18	129	414.27	A
Tarragon		2.92	2	1.50	A
Thyme		0.34	4	19.00	A
Tomatillo		0.47	3	36.66	A
Tomato		673.95	358	18,333.35	A
		0.03	1	26,136.00	S
Total Pounds On This Commodity	673.97				
Tomato, Processing		98.48	71	4,340.02	A
Turnip		5.05	74	422.50	A
Unknown		0.01	1	1.00	A
Vegetables, Leafy		0.37	4	112.50	A
Watercress		2.99	25	87.50	A
Watermelon		12.64	61	553.72	A
Chemical Total		2,478.98	11,828		
AZINPHOS-METHYL					
Almond		1,417.03	8	740.00	A
Apple		2,465.39	98	1,932.90	A
Cabbage		0.04	1	11.92	A
Cherry		204.00	9	272.00	A
Pear		1,074.70	52	952.80	A
Pistachio		6,886.88	21	3,443.44	A
Research Commodity		4.50			
Walnut		992.00	13	496.00	A
Chemical Total		13,044.53	202		
AZOXYSTROBIN					
Alfalfa		7.96	1	98.00	A
Almond		7,992.32	557	39,286.01	A
Apricot		56.32	20	345.50	A
Arrugula		4.23	10	33.70	A
Artichoke, Globe		566.47	203	2,803.12	A
Barley		62.56	2	321.00	A
Basil, Sweet		8.70	23	49.26	A
Bean, Dried		418.01	8	490.00	A
Bean, Succulent		47.12	23	264.50	A
Beet		18.13	26	104.30	A
Blueberry		83.14	14	429.00	A
Bok Choy		13.49	29	103.98	A
Broccoli		2,870.79	1,310	15,470.51	A
Brussels Sprout		2.77	1	11.00	A
Cabbage		34.86	62	173.45	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cantaloupe		196.75	27	2,466.43	A
Carrot		700.29	65	3,408.76	A
		0.02		339.76	K
Total Pounds On This Commodity	700.31				
Cauliflower		13.22	19	95.19	A
Celeriac		1.55	8	11.88	A
Celery		578.97	151	2,446.97	A
Cherry		3.05	1	12.50	A
Chervil		1.75	4	9.00	A
Chicory		20.98	5	79.50	A
Chinese Cabbage (Nappa)		5.00	14	27.96	A
Chinese Greens		0.26	4	20.00	A
Chive		5.46	6	28.00	A
Cilantro		29.61	31	148.84	A
Collard		11.55	30	68.62	A
Commodity Fumigation		400.19			
Corn (Forage - Fodder)		30.77	4	209.00	A
Corn, Human Consumption		10.67	2	135.00	A
Cotton		8,105.27	239	54,579.10	A
		70.16		286.70	T
Total Pounds On This Commodity	8,175.42				
County Ag Comm		1.39			
Cucumber		34.67	16	220.64	A
Daikon		1.97	20	16.00	A
Dandelion Green		0.22	3	1.88	A
Dill		4.78	8	24.50	A
Endive (Escarole)		45.16	70	195.84	A
Fava Bean		33.62	9	45.00	A
Fennel		13.60	13	72.96	A
Gai Lon		0.97	1	20.00	A
Garbanzo Bean		8.30	1	72.00	A
Garlic		11,961.79	211	13,193.35	A
Grape		1,312.04	139	6,514.11	A
Grape, Wine		1,116.01	386	5,698.45	A
Herb, Spice		7.58	24	39.50	A
		3.82	20	23.50	U
Total Pounds On This Commodity	11.40				
Kale		15.67	15	83.64	A
Kohlrabi		1.40	12	10.48	A
Landscape Maintenance		1,445.98			
		25.28	16	182.20	A
		0.05	1	100,000.00	S
Total Pounds On This Commodity	1,471.30				
Leek		30.62	38	165.58	A
Lettuce, Head		110.05	42	492.85	A
		< 0.01		5.42	K
Total Pounds On This Commodity	110.05				
Lettuce, Leaf		446.81	459	2,323.04	A
Melon		227.12	65	2,881.45	A
Mint		3.54	14	20.80	A
Mustard		2.14	13	17.80	A
N-Grnhs Flower		60.78	264	557.98	A
		12.71	115	4,128,260.60	S
		1.04	2	30,256.00	U
Total Pounds On This Commodity	74.53				
N-Grnhs Plants In Containers		168.86	732	989.19	A
		91.42	511	14,398,411.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	260.28				
N-Grnhs Transplants		86.07	112	366.98	A
		4.47	110	1,403,581.00	S
Total Pounds On This Commodity	90.53				
N-Outdr Flower		192.28	473	1,465.35	A
		30.93	91	1,840,916.00	S
Total Pounds On This Commodity	223.21				
N-Outdr Plants In Containers		385.09	903	3,042.85	A
		32.15	276	3,898,395.00	S
		0.29	9	22,300.00	U
Total Pounds On This Commodity	417.53				
N-Outdr Transplants		86.77	491	573.32	A
		29.57	77	6,807,853.00	S
Total Pounds On This Commodity	116.34				
Nectarine		6.24	4	35.72	A
Onion, Dry		836.16	107	4,108.29	A
		< 0.01		66.86	K
Total Pounds On This Commodity	836.17				
Onion, Green		11.36	4	46.28	A
Orange		2.73	2	24.00	A
Oregano		3.80	5	19.50	A
Parsley		278.23	99	1,408.46	A
Peach		29.87	12	139.50	A
Peas		2.51	8	34.50	A
Pepper, Fruiting		491.92	108	3,892.29	A
Pistachio		521.47	63	2,592.10	A
Plum		2.08	1	10.00	A
Potato		2,141.80	214	14,009.82	A
Prune		16.63	1	80.00	A
Pumpkin		17.98	7	87.80	A
Radicchio		59.36	12	18.51	A
Radish		36.56	62	256.94	A
Rappini		204.31	18	933.60	A
Raspberry		59.58	17	240.50	A
Regulatory Pest Control		0.01			
		< 0.01		4,900.00	S
Total Pounds On This Commodity	0.02				
Research Commodity		8.29	11	47.33	A
		0.32			
Total Pounds On This Commodity	8.60				
Rice		36,474.84	2,716	221,331.18	A
Rights Of Way		9.42			
		4.02	3	6.50	A
Total Pounds On This Commodity	13.44				
Rosemary		2.84	7	13.00	A
Sage		11.21	13	57.50	A
Spinach		464.90	217	2,451.50	A
		3.25	1	1,665.00	S
Total Pounds On This Commodity	468.14				
Squash		22.10	19	114.40	A
Squash, Summer		3.91	2	17.90	A
Squash, Winter		2.68	1	15.00	A
Strawberry		1,873.86	299	9,461.01	A
Structural Pest Control		12.47			
Swiss Chard		24.91	73	192.32	A
Tangerine		19.28	8	92.00	A
Tarragon		0.06	1	0.25	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Thyme		4.29	3	22.00	A
Tomatillo		32.65	4	185.00	A
Tomato		979.89	252	10,108.39	A
Tomato, Processing		8,390.01	1,187	84,148.95	A
Triticale		46.81	4	399.00	A
Turf/Sod		51.82	15	300.29	A
		16.69	9	1,338,000.00	S
		1.50		120,000.00	U
Total Pounds On This Commodity	70.00				
Turnip		9.85	19	59.99	A
Uncultivated Ag		10.43	2	64.00	A
Unknown		14.71	10	173.30	A
Vegetables, Leafy		1.62	2	40.00	A
Vertebrate Control		40.42	2	182.00	A
Walnut		2.08	1	15.00	A
Watermelon		43.92	23	972.40	A
Wheat		225.21	38	2,270.00	A
Wheat (Forage - Fodder)		37.28	7	284.00	A
Chemical Total		93,979.50	14,354		
BACILLUS PUMILUS, STRAIN QST 2808					
Apple		11.23	8	107.00	A
Apricot		0.30	1	5.00	A
Arrugula		33.95	118	394.31	A
Artichoke, Globe		45.89	42	520.50	A
Bean, Unspecified		0.12	1	1.00	A
Beet		17.87	61	200.13	A
Blackberry		17.37	19	222.45	A
Blueberry		0.18	1	3.00	A
Bok Choy		3.24	18	43.23	A
Broccoli		10.76	25	179.25	A
Cabbage		59.12	33	526.00	A
Cantaloupe		21.32	27	272.45	A
Carrot		78.63	16	717.35	A
Cauliflower		2.03	9	24.81	A
Celery		14.98	71	225.01	A
Cherry		29.06	27	315.71	A
Chinese Cabbage (Nappa)		0.06	1	0.48	A
Collard		2.32	14	19.36	A
Corn Salad		3.92	14	36.20	A
Cucumber		9.69	30	147.98	A
Endive (Escarole)		8.16	119	135.99	A
Garlic		52.04	34	476.00	A
Grape		1,498.83	276	14,426.83	A
Grape, Wine		2,130.79	1,734	21,573.23	A
Kale		24.89	31	312.38	A
Kohlrabi		0.03	1	1.00	A
Landscape Maintenance		4.68			
Leek		2.38	3	19.81	A
Lettuce, Head		178.78	275	2,608.67	A
Lettuce, Leaf		1,133.18	1,329	12,671.24	A
		< 0.01	1	1,000.00	S
Total Pounds On This Commodity	1,133.18				
Melon		14.90	7	258.50	A
Mizuna		12.21	44	176.48	A
Mustard		5.78	30	66.35	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Transplants		0.53	8	6.45	A
		0.09	3	9,000.00	S
Total Pounds On This Commodity	0.62				
N-Outdr Flower		0.02	1	2.00	A
N-Outdr Plants In Containers		0.23	4	10.00	A
N-Outdr Transplants		3.19	2	54.21	A
		2.79	45	2,232,000.00	S
Total Pounds On This Commodity	5.98				
Nectarine		30.77	32	340.59	A
Olive		0.54	1	6.00	A
Onion, Dry		23.51	8	381.80	A
Onion, Green		17.21	14	151.38	A
Parsley		0.24	1	2.70	A
Peach		13.40	29	172.68	A
Peas		1.41	1	15.70	A
Pepper, Fruiting		36.94	13	606.75	A
Plum		2.36	7	44.90	A
Potato		0.02	1	0.50	A
Pumpkin		0.77	3	15.33	A
Radicchio		25.87	12	429.00	A
Radish		0.54	2	9.00	A
Raspberry		20.72	23	219.61	A
Research Commodity		0.05			
Shallot		3.49	5	30.30	A
Spinach		597.23	909	7,024.47	A
Squash		7.61	4	87.00	A
Squash, Summer		1.91	10	20.00	A
Strawberry		208.69	203	2,900.10	A
Swiss Chard		36.05	131	515.45	A
Tomato		53.88	27	695.72	A
Tomato, Processing		362.95	156	3,928.30	A
Unknown		0.24	1	2.00	A
Vegetable		0.36	2	11.00	A
Vegetables, Leafy		0.06	1	1.00	A
Vertebrate Control		20.05	4	167.00	A
Watercress		9.00	50	103.00	A
Watermelon		74.11	42	807.20	A
Chemical Total		6,985.54	6,175		
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362					
Landscape Maintenance		1,674.57			
Public Health		13,687.54			
Regulatory Pest Control		2,398.59			
Rights Of Way		0.18			
Structural Pest Control		13.13			
Chemical Total		17,774.01			
BACILLUS SUBTILIS GB03					
Bean, Dried		0.18		84,000.00	U
N-Outdr Flower		< 0.01	2	1.00	A
N-Outdr Plants In Containers		0.05	15	33,580.00	S
		< 0.01	1	0.13	A
Total Pounds On This Commodity	0.05				
Chemical Total		0.24	18		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS THURINGIENSIS (BERLINER)					
Grape		0.09	3	36.00	A
Grape, Wine		0.02	2	25.00	A
Landscape Maintenance		0.18			
N-Grnhs Plants In Containers		< 0.01	2	0.02	A
N-Outdr Transplants		1.52	1	0.15	A
Public Health		1.58			
Regulatory Pest Control		0.22			
Strawberry		0.53	1	21.00	A
Structural Pest Control		0.16			
Chemical Total		4.31	9		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, GC-91 PROTEIN					
Alfalfa		166.00	2	166.00	A
Almond		16.53	3	290.00	A
Artichoke, Globe		41.34	29	372.05	A
Basil, Sweet		0.74	11	7.17	A
Blackberry		282.56	113	914.13	A
Blueberry		0.13	4	2.76	A
Bok Choy		2.48	1	4.50	A
Broccoli		402.81	80	703.12	A
Brussels Sprout		5.99	4	23.30	A
Cabbage		1.13	5	2.10	A
Cantaloupe		1,759.85	85	4,815.79	A
Carrot		552.55	9	837.30	A
Cauliflower		460.26	94	460.26	A
Celery		805.05	205	1,004.37	A
Chicory		4.75	2	9.50	A
Chinese Cabbage (Nappa)		0.27	2	14.00	A
Corn, Human Consumption		42.50	1	85.00	A
Cotton		412.48	11	3,594.00	A
Cucumber		0.02	1	6,000.00	S
Endive (Escarole)		123.25	76	123.25	A
Grape, Wine		3.99	3	54.00	A
Kohlrabi		0.04	1	1.00	A
Lettuce, Head		765.69	139	1,031.99	A
Lettuce, Leaf		3,443.38	621	5,043.35	A
		0.06	3	18,000.00	S
Total Pounds On This Commodity	3,443.44				
Melon		457.85	9	915.69	A
Mint		2.50	1	5.00	A
Mustard		25.32	12	31.95	A
N-Grnhs Plants In Containers		0.10	1	1.37	A
N-Grnhs Transplants		6.79	126	87.07	A
N-Outdr Plants In Containers		0.46	4	4.00	A
Onion, Dry		17.34	3	82.30	A
Peas		0.80	1	14.00	A
Pepper, Fruiting		268.75	16	733.20	A
Raspberry		1,347.48	135	2,391.26	A
Research Commodity		0.10			
Sage		0.10	1	0.57	A
Spinach		1,669.84	322	2,012.64	A
Squash, Summer		0.50	1	1.00	A
Strawberry		1,050.93	168	2,701.54	A
Swiss Chard		2.08	3	2.08	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		72.79	6	337.00	A
Tomato, Processing		12,934.27	165	17,247.24	A
Turnip		0.02	1	12,000.00	S
Watermelon		387.61	76	2,713.90	A
Chemical Total		27,539.46	2,556		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, SEROTYPE H-7					
Alfalfa		53.25	9	494.00	A
Apple		3.46	3	33.60	A
Arrugula		0.07	1	0.10	A
Artichoke, Globe		21.00	7	135.70	A
Broccoli		9.25	4	92.40	A
Cabbage		20.22	13	162.42	A
Cantaloupe		9.27	1	60.00	A
Cauliflower		0.99	1	12.80	A
Celery		15.51	7	140.74	A
Collard		20.41	16	125.33	A
Corn (Forage - Fodder)		6.82	3	87.50	A
Cucumber		1.11	5	10.00	A
Kale		3.43	4	16.63	A
Landscape Maintenance		0.26			
Lettuce, Head		0.31	1	4.00	A
Lettuce, Leaf		10.53	8	102.23	A
Melon		6.49	1	42.00	A
N-Grnhs Flower		2.52	3	12.00	A
N-Grnhs Plants In Containers		2.91	16	24.00	A
		0.05	1	30,000.00	S
		0.05	1	30,000.00	U
Total Pounds On This Commodity	3.01				
N-Grnhs Transplants		3.33	43	32.93	A
N-Outdr Flower		20.26	46	266.40	A
N-Outdr Plants In Containers		30.79	67	321.19	A
		0.21	1	40,000.00	S
Total Pounds On This Commodity	31.00				
N-Outdr Transplants		38.36	198	15,476,400.00	S
		2.34	25	24.38	A
Total Pounds On This Commodity	40.70				
Pear		0.52	1	5.00	A
Pepper, Fruiting		11.47	3	111.40	A
Raspberry		26.45	24	217.66	A
Soil Fumigation/Preplant		0.93	2	9.00	A
Spinach		5.24	2	50.90	A
Strawberry		527.17	113	4,486.18	A
Swiss Chard		0.25	2	2.40	A
Tomato		7.42	1	72.00	A
Tomato, Processing		29.87	4	364.00	A
Turnip		0.85	1	4.14	A
Chemical Total		893.38	638		
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN ABTS-1857					
Alfalfa		1,513.49	38	1,880.67	A
Arrugula		63.06	12	69.67	A
Artichoke, Globe		44.77	14	66.30	A
Basil, Sweet		6.48	1	8.00	A
Beet		25.57	3	31.57	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Blackberry		165.02	31	162.45	A
Bok Choy		178.27	101	293.75	A
Broccoli		647.17	86	817.11	A
Brussels Sprout		10.80	3	20.00	A
Cabbage		1,310.08	143	1,866.96	A
Cantaloupe		163.62	19	218.95	A
Carrot		497.56	6	460.70	A
Cauliflower		416.04	77	441.99	A
Celery		4,512.56	445	6,446.48	A
Chicory		53.46	4	63.00	A
Chinese Cabbage (Nappa)		64.63	35	96.12	A
Chinese Greens		0.27	1	10,000.00	S
Cilantro		21.54	5	33.60	A
Collard		38.56	13	37.24	A
Corn, Human Consumption		126.14	6	116.80	A
Eggplant		0.54	3	4.50	A
Endive (Escarole)		68.00	39	62.96	A
Fennel		3.24	2	6.00	A
Herb, Spice		7.83	3	9.00	A
Kale		119.32	26	141.62	A
Kohlrabi		12.84	4	11.89	A
Landscape Maintenance		17.28			
Lettuce, Head		362.61	81	432.76	A
Lettuce, Leaf		1,376.33	249	1,648.31	A
Melon		272.55	10	514.90	A
Mint		4.81	4	10.72	A
Mustard		33.37	9	32.30	A
N-Grnhs Flower		91.71	131	294.84	A
		11.61	15	381,150.00	S
Total Pounds On This Commodity	103.32				
N-Grnhs Plants In Containers		66.48	33	33.00	A
		0.54	2	21,780.00	S
Total Pounds On This Commodity	67.02				
N-Grnhs Transplants		43.12	72	79.88	A
N-Outdr Flower		408.50	86	479.13	A
N-Outdr Plants In Containers		176.32	156	291.94	A
		66.29	97	2,703,720.00	S
Total Pounds On This Commodity	242.61				
N-Outdr Transplants		6.56	17	13.38	A
		2.03	4	90,000.00	S
Total Pounds On This Commodity	8.58				
Onion, Dry		29.61	2	76.25	A
Onion, Green		103.76	14	187.25	A
Parsley		153.79	12	268.30	A
Pepper, Fruiting		1,099.58	39	1,289.90	A
Plum		2.70	1	5.00	A
Pumpkin		5.40	1	10.00	A
Radicchio		352.62	9	385.00	A
Radish		220.54	61	400.80	A
Raspberry		1,522.06	151	1,822.65	A
Research Commodity		1.35			
Rights Of Way		11.29	2	10.45	A
Rosemary		7.56	1	7.00	A
Rutabaga		3.34	2	3.09	A
Sage		0.27	2	2.00	A
Spinach		1,422.24	262	2,168.59	A
Strawberry		7,628.54	239	9,539.56	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Swiss Chard		27.43	10	29.20	A
Tomato		3,371.86	136	5,790.50	A
Tomato, Processing		1,253.31	21	1,449.77	A
Turnip		10.18	4	9.43	A
Unknown		1.08	1	1.00	A
Walnut		29.70	1	50.00	A
Watercress		64.90	41	82.00	A
Watermelon		556.79	28	567.70	A
Chemical Total		30,890.86	3,126		
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN SD-1372, LEPIDOPTERAN ACTIVE TOXIN(S)					
Basil, Sweet		14.19	80	124.01	A
Beet		48.50	241	438.57	A
Bok Choy		9.70	20	91.74	A
Broccoli		11.54	10	56.00	A
Cabbage		10.12	64	87.21	A
Cauliflower		11.54	12	56.00	A
Celeriac		4.37	31	42.34	A
Celery		0.82	1	4.00	A
Chinese Cabbage (Nappa)		1.26	10	11.06	A
Cilantro		7.43	44	69.18	A
Collard		3.68	23	34.82	A
Daikon		9.70	23	93.43	A
Dandelion Green		0.57	5	5.50	A
Endive (Escarole)		1.02	18	7.36	A
Fennel		0.44	5	4.25	A
Kale		1.62	15	15.66	A
Kohlrabi		0.69	9	6.07	A
Leek		24.67	39	238.97	A
Lettuce, Head		0.41	2	2.00	A
Lettuce, Leaf		9.96	45	73.29	A
Mint		< 0.01	1	1.00	A
Mustard		0.60	6	5.44	A
N-Grnhs Transplants		2.01	5	19.50	A
		0.02	4	47,500.00	S
Total Pounds On This Commodity	2.03				
N-Outdr Plants In Containers		3.50	3	19.50	A
N-Outdr Transplants		0.54	13	10.50	A
		0.05	1	24,000.00	S
Total Pounds On This Commodity	0.59				
Parsley		6.44	37	62.36	A
Radish		3.35	25	31.53	A
Spinach		14.90	11	143.18	A
Swiss Chard		9.46	70	88.52	A
Turnip		27.25	42	262.09	A
Watermelon		3.20	4	31.04	A
Chemical Total		243.56	919		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENSIS, SEROTYPE H-14					
Celery		0.70	1	5.50	A
Cucumber		0.14	5	0.66	A
Herb, Spice		2.72	10	12.50	A
Landscape Maintenance		2,790.90			
N-Grnhs Flower		0.62	7	190,975.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Plants In Containers		32.41	32	19.75	A
		22.19	62	625,540.10	S
Total Pounds On This Commodity	54.60				
N-Grnhs Transplants		166.96	227	61.17	A
		8.73	10	21,000.00	S
Total Pounds On This Commodity	175.69				
N-Outdr Flower		1.98	2	12,000.00	S
		1.23	3	1.50	A
Total Pounds On This Commodity	3.22				
N-Outdr Plants In Containers		14.86	40	60.27	A
		6.10	22	172,732.00	S
		0.15	1	1,500.00	U
Total Pounds On This Commodity	21.11				
N-Outdr Transplants		35.84	41	3,168,000.00	S
		2.44	4	3.68	A
Total Pounds On This Commodity	38.28				
Pepper, Fruiting		0.24	2	40.00	A
Pepper, Spice		0.06	2	0.28	A
Public Health		12,753.56			
Regulatory Pest Control		882.36			
		0.17		1,200.00	S
Total Pounds On This Commodity	882.54				
Research Commodity		1.01			
		0.09	3	0.30	A
Total Pounds On This Commodity	1.10				
Sage		1.44	5	6.25	A
Structural Pest Control		0.26			
Unknown		1.40		40.00	A
Water Area		12.06		152.50	A
Chemical Total		16,740.62	479		
BACILLUS THURINGIENSIS, SUBSP. ISRAELENSIS, STRAIN AM 65-52					
Herb, Spice		16.46	8	10.00	A
Landscape Maintenance		94.20			
N-Grnhs Flower		10.11	2	76,400.00	S
N-Grnhs Plants In Containers		52.04	34	986,996.00	S
		19.26	3	6.00	A
		0.06	1	400.00	U
Total Pounds On This Commodity	71.37				
N-Grnhs Transplants		33.89	46	5.74	A
		3.78	5	30,500.00	S
Total Pounds On This Commodity	37.67				
N-Outdr Plants In Containers		3.09	1	1.00	A
		2.77	11	143,600.00	S
Total Pounds On This Commodity	5.85				
N-Outdr Transplants		73.07	84	6,249,600.00	S
Public Health		52,915.91			
Regulatory Pest Control		40.54			
Rights Of Way		1.69			
		0.09	1	10.00	A
Total Pounds On This Commodity	1.78				
Structural Pest Control		164.89			
Watercress		0.32	1	50.00	A
Chemical Total		53,432.17	197		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B					
Almond		13.95	2	218.00	A
Apple		0.58	1	5.00	A
Apricot		0.32	1	4.00	A
Blackberry		0.15	4	0.40	A
Blueberry		0.13	2	2.00	A
Broccoli		0.28	9	0.90	A
Carrot		< 0.01	6	0.60	A
Cherry		0.26	1	2.00	A
Chicory		0.36	3	0.30	A
Cucumber		0.20	5	3.40	A
Grape		286.67	75	6,028.04	A
Grape, Wine		1.54	4	95.00	A
Herb, Spice		7.42	24	1,956,450.00	S
		0.42	34	3.40	A
Total Pounds On This Commodity	7.84				
Kale		0.56	24	2.40	A
Landscape Maintenance		2.16			
Lettuce, Head		0.13	1	4.00	A
Lettuce, Leaf		0.68	25	2.50	A
		0.26	1	70,000.00	S
Total Pounds On This Commodity	0.94				
Mustard		0.89	17	1.70	A
N-Grnhs Flower		0.07	3	7.00	A
		< 0.01	3	7,200.00	S
Total Pounds On This Commodity	0.08				
N-Grnhs Plants In Containers		2.08	31	58.89	A
		0.16	5	25,650.00	S
Total Pounds On This Commodity	2.24				
N-Outdr Flower		3.45	23	45.88	A
N-Outdr Plants In Containers		1.64	23	88.24	A
		0.22	6	43,550.00	S
Total Pounds On This Commodity	1.86				
N-Outdr Transplants		0.13	3	0.80	A
Nectarine		1.54	2	24.00	A
Orange		2.24	1	35.00	A
Peach		12.29	8	192.00	A
Pear		3.20	1	25.00	A
Plum		1.79	4	28.00	A
Raspberry		0.14	5	2.30	A
Regulatory Pest Control		< 0.01			
		< 0.01		3,500.00	S
Total Pounds On This Commodity	0.01				
Spinach		0.23	12	1.20	A
Strawberry		46.11	46	727.10	A
Structural Pest Control		0.32			
Tomato		6.42	18	46.90	A
Walnut		2.74	3	108.00	A
Chemical Total		401.74	436		
BACILLUS THURINGIENSIS VAR. KURSTAKI STRAIN M-200					
N-Outdr Plants In Containers		0.01	1	200.00	U
Chemical Total		0.01	1		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS THURINGIENSIS, VAR. KURSTAKI DELTA ENDOTOXINS CRY 1A(C) AND CRY 1C (GENETICALLY ENGINEERED) ENCAPSULATED IN PSEUDOMONAS FLUORESCENS (KILLED)					
Landscape Maintenance		0.12			
Lettuce, Head		13.12	2	25.00	A
Lettuce, Leaf		14.38	3	27.40	A
N-Outdr Plants In Containers		0.13	4	192.00	S
Unknown		< 0.01		25.00	S
Chemical Total		< 0.01	9		
BACILLUS THURINGIENSIS VAR. KURSTAKI, GENETICALLY ENGINEERED STRAIN EG7826					
Corn, Human Consumption		14.25	1	48.00	A
Eggplant		6.80	1	17.00	A
Lettuce, Leaf		73.84	8	184.60	A
Chemical Total		94.89	10		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN EG 2348					
Grape		87.24	14	1,027.79	A
Grape, Wine		27.62	5	263.00	A
Tomato		2.68	2	11.50	A
Chemical Total		117.53	21		
BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI STRAIN BMP 123					
Arrugula		0.02	1	0.25	A
Celery		0.20	1	15.00	A
Grape		62.00	1	155.00	A
Grape, Wine		56.00	1	140.00	A
Chemical Total		118.21	4		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES					
Alfalfa		1,086.75	82	4,859.69	A
Almond		8,345.99	140	12,565.49	A
Apple		445.67	68	710.60	A
Apricot		243.17	41	525.17	A
Arrugula		0.05	3	0.30	A
Artichoke, Globe		1.62	1	6.00	A
Asparagus		15.34	1	18.94	A
Basil, Sweet		12.14	18	24.54	A
		0.07	2	350.00	S
Total Pounds On This Commodity	12.21				
Bean, Dried		53.46	4	132.00	A
Bean, Succulent		489.65	37	467.00	A
Bean, Unspecified		1.62	1	3.00	A
Blackberry		1,001.30	216	1,126.02	A
Blueberry		5.56	5	8.80	A
Bok Choy		223.88	82	397.35	A
		1.08	2	32,000.00	S
Total Pounds On This Commodity	224.96				
Boysenberry		0.27	1	0.50	A
Broccoli		928.96	130	1,197.57	A
		0.31	4	2,600.00	S
Total Pounds On This Commodity	929.27				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Brussels Sprout		2.70	2	4.50	A
Cabbage		147.94	44	290.43	A
Cantaloupe		4.32	1	8.00	A
Carrot		409.43	14	464.01	A
Cauliflower		745.45	144	831.55	A
		0.02	1	100.00	S
Total Pounds On This Commodity	745.47				
Celery		2,028.03	325	2,471.04	A
Cherry		283.72	30	431.13	A
Chinese Cabbage (Nappa)		53.70	35	50.58	A
Cilantro		1.08	1	1.00	A
Citrus		1.62	1	3.00	A
Collard		2.16	1	4.00	A
Corn, Human Consumption		103.27	20	256.00	A
Cucumber		13.38	13	16.95	A
Daikon		1.35	2	7.00	A
Eggplant		0.88	3	1.60	A
Endive (Escarole)		16.88	8	17.50	A
Gai Lon		98.82	69	192.00	A
Grape		11,723.51	585	27,683.22	A
Grape, Wine		1,809.10	134	3,650.89	A
Grapefruit		53.19	10	98.50	A
Greenhouse Fumigation		3.14	6	7.50	A
Herb, Spice		17.82	19	24.90	A
		0.09	5	600.00	S
Total Pounds On This Commodity	17.91				
Kale		7.94	3	7.39	A
Landscape Maintenance		406.70			
Lemon		264.61	16	490.02	A
Lettuce, Head		391.25	56	485.79	A
Lettuce, Leaf		2,137.61	352	2,407.72	A
Melon		79.22	11	144.65	A
Mint		65.28	2	82.00	A
Mustard		0.29	2	0.40	A
N-Grnhs Flower		194.57	159	416.39	A
		21.33	27	824,970.00	S
		0.27	1	11,100.00	U
Total Pounds On This Commodity	216.17				
N-Grnhs Plants In Containers		23.22	39	956,459.00	S
		9.63	28	27.89	A
Total Pounds On This Commodity	32.86				
N-Grnhs Transplants		17.65	31	39.14	A
		14.24	61	634,700.00	S
Total Pounds On This Commodity	31.89				
N-Outdr Flower		155.26	90	259.50	A
N-Outdr Plants In Containers		355.04	305	688.15	A
		16.16	25	558,705.00	S
		0.65	4	5,250.00	U
Total Pounds On This Commodity	371.85				
N-Outdr Transplants		56.48	51	127.59	A
Nectarine		1,507.25	234	2,868.10	A
Olive		25.79	4	47.75	A
Onion, Dry		5.40	1	10.00	A
Orange		8,496.92	542	16,047.73	A
Peach		3,673.76	447	6,145.34	A
Pear		28.62	9	32.00	A
Peas		14.30	27	26.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.02	1	100.00	S
Total Pounds On This Commodity	14.32				
Pepper, Fruiting		111.04	12	325.60	A
		0.34	4	2,400.00	S
Total Pounds On This Commodity	111.38				
Plum		1,272.82	122	2,369.03	A
Pomegranate		375.22	29	721.35	A
Pomelo		25.38	4	47.00	A
Prune		361.59	23	622.50	A
Public Health		2.70			
Pumpkin		5.13	4	9.50	A
		0.04	1	1,000.00	S
Total Pounds On This Commodity	5.17				
Quince		4.97	4	7.96	A
Radish		0.43	2	0.20	A
		0.02	1	100.00	S
Total Pounds On This Commodity	0.45				
Raspberry		2,711.65	212	3,038.43	A
Regulatory Pest Control		2.80			
Research Commodity		1.03			
Rights Of Way		29.16	1	36.00	A
		0.09			
Total Pounds On This Commodity	29.25				
Spinach		71.98	8	132.05	A
Squash		26.19	7	37.50	A
Squash, Zucchini		4.32	1	8.00	A
Strawberry		13,588.00	718	19,409.05	A
Structural Pest Control		0.55			
Sunflower		43.74	5	81.00	A
Swiss Chard		27.97	10	25.70	A
Tangelo		175.87	30	335.00	A
Tangerine		838.96	44	1,567.08	A
Tomatillo		2.30	1	8.50	A
Tomato		147.64	50	367.86	A
Tomato, Processing		268.35	14	585.95	A
Uncultivated Ag		0.14	1	0.20	A
Unknown		49.21	10	89.10	A
Vegetable		6.66	16	12.14	A
		0.14	4	2,200.00	S
Total Pounds On This Commodity	6.80				
Vegetables, Leafy		1.08	1	2.00	A
Walnut		600.21	26	828.72	A
Water (Industrlial)		0.54		6.00	A
Watermelon		377.84	29	852.67	A
Chemical Total		69,484.06	6,233		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1					
Alfalfa		9.41	1	91.40	A
Almond		30.98	1	160.00	A
Apple		5.97	6	58.00	A
Apricot		17.57	12	171.37	A
Blackberry		9.89	7	84.00	A
Bok Choy		2.47	20	37.00	A
Cabbage		9.27	3	45.00	A
Cantaloupe		0.82	1	8.00	A
Cherry		24.16	11	234.31	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chinese Cabbage (Nappa)		0.05	1	1.00	A
Corn, Human Consumption		38.73	11	480.50	A
Eggplant		0.41	2	12.00	A
Gai Lon		0.93	3	45.00	A
Grape		2,162.86	278	12,411.30	A
Grape, Wine		1,166.95	62	4,178.53	A
Grapefruit		0.74	1	9.00	A
Herb, Spice		1.24	2	36,000.00	S
Landscape Maintenance		5.25			
Lemon		3.61	1	35.00	A
Lettuce, Head		4.33	2	84.00	A
Lettuce, Leaf		40.08	7	205.80	A
N-Grnhs Flower		2.90	19	36.30	A
N-Grnhs Plants In Containers		3.24	10	18.75	A
		0.49	13	80,900.00	S
Total Pounds On This Commodity	3.74				
N-Grnhs Transplants		6.59	8	32.00	A
		1.24	17	234,000.00	S
Total Pounds On This Commodity	7.83				
N-Outdr Flower		2.38	15	35.00	A
		0.10	1	50,000.00	S
Total Pounds On This Commodity	2.48				
N-Outdr Plants In Containers		2.51	11	21.34	A
		1.27	12	159,400.00	S
Total Pounds On This Commodity	3.78				
Nectarine		5.67	14	48.00	A
Orange		77.90	23	750.33	A
Peach		16.43	38	148.27	A
Pear		4.74	4	25.00	A
Plum		1.57	6	15.00	A
Pomegranate		4.12	1	30.00	A
Potato		8.03	2	78.00	A
Raspberry		0.75	4	7.30	A
Research Commodity		0.22			
Squash		2.58	1	25.00	A
Strawberry		42.77	30	424.00	A
Tangelo		0.52	1	5.00	A
Tangerine		0.41	1	5.00	A
Tomato		0.09	1	5.50	A
Unknown		0.21	2	2.00	A
Walnut		3.19	1	31.00	A
Watermelon		17.49	4	169.80	A
Chemical Total		3,743.14	671		
BACILLUS THURINGIENSIS SUBSPECIES KURSTAKI, GENETICALLY ENGINEERED STRAIN EG7841 LEPIDOPTERAN ACTIVE TOXIN					
Broccoli		0.18	1	0.23	A
Cucumber		1.60	2	2.00	A
		0.05	1	1,000.00	S
Total Pounds On This Commodity	1.65				
Grape		8.00	1	20.00	A
N-Outdr Plants In Containers		1.10	18	61,200.00	S
N-Outdr Transplants		0.43	2	0.66	A
Pomegranate		30.40	1	38.00	A
Chemical Total		41.76	26		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11					
Alfalfa		844.48	14	1,115.00	A
Almond		126.74	10	314.00	A
Apple		0.15	1	2.00	A
Apricot		69.70	11	98.00	A
Arrugula		298.48	46	251.59	A
Artichoke, Globe		107.52	28	503.63	A
Asparagus		99.45	2	117.00	A
Avocado		12.75	1	15.00	A
Basil, Sweet		48.30	97	351.91	A
Bean, Dried		40.80	1	48.00	A
Bean, Succulent		517.13	31	423.50	A
Beet		73.05	52	104.75	A
Blackberry		65.79	13	116.14	A
Blueberry		0.61	2	7.75	A
Bok Choy		7.65	9	8.59	A
Broccoli		326.66	161	689.10	A
Brussels Sprout		54.92	7	52.97	A
Cabbage		420.97	155	505.84	A
Cantaloupe		775.56	43	1,757.15	A
Carrot		474.63	17	806.00	A
Cauliflower		255.18	184	623.34	A
Celeriac		6.48	5	7.60	A
Celery		249.93	147	513.40	A
Cherry		502.76	28	614.83	A
Chervil		0.02	1	0.33	A
Chinese Cabbage (Nappa)		44.00	27	48.96	A
Chinese Greens		72.25	17	85.00	A
Chive		4.79	17	60.41	A
Cilantro		237.95	120	340.91	A
Cole Crop		3.04	9	10.13	A
Collard		210.14	104	459.04	A
Corn (Forage - Fodder)		1.28	1	17.00	A
Corn, Human Consumption		1,926.23	73	3,938.50	A
Cucumber		19.70	8	22.40	A
Daikon		9.04	16	32.79	A
Dill		9.47	27	102.32	A
Edible Flowers		0.12	6	0.99	A
Eggplant		0.23	2	10.00	A
Endive (Escarole)		4.22	12	4.18	A
Fennel		1.84	2	2.16	A
Forage Hay/Silage		110.93	2	87.00	A
Gai Lon		1.16	3	33.00	A
Grape		1,682.75	96	3,443.68	A
Grape, Wine		997.96	30	2,100.32	A
Grapefruit		17.26	2	40.60	A
Herb, Spice		43.72	97	217.24	A
		6.12	52	85.50	U
Total Pounds On This Commodity	49.84				
Kale		243.90	98	320.96	A
Kohlrabi		8.93	16	10.75	A
Landscape Maintenance		59.44			
Leek		9.94	5	8.15	A
Lemon		100.09	4	96.60	A
Lettuce, Head		80.56	21	199.67	A
Lettuce, Leaf		2,625.16	415	3,107.02	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Melon		836.28	18	1,101.83	A
Mint		95.95	46	137.14	A
		0.10	3	5.50	U
Total Pounds On This Commodity	96.05				
Mustard		41.92	48	168.36	A
N-Grnhs Flower		47.43	71	150.62	A
N-Grnhs Plants In Containers		18.62	153	10,982,830.00	S
		4.14	34	55.95	A
Total Pounds On This Commodity	22.76				
N-Grnhs Transplants		31.91	26	273.57	A
		6.92	100	3,453,359.00	S
Total Pounds On This Commodity	38.83				
N-Outdr Flower		53.33	70	546.58	A
		4.14	18	863,250.00	S
Total Pounds On This Commodity	57.47				
N-Outdr Plants In Containers		12.48	42	138.74	A
		10.13	111	3,283,544.00	S
Total Pounds On This Commodity	22.61				
N-Outdr Transplants		260.80	19	211.81	A
		15.38	240	8,469,638.00	S
Total Pounds On This Commodity	276.17				
Nectarine		1,055.50	114	1,817.20	A
Orange		4,145.29	238	8,237.47	A
Oregano		7.35	28	98.50	A
Parsley		43.00	28	44.94	A
Peach		2,067.57	221	3,291.90	A
Pear		39.10	2	46.00	A
Pepper, Fruiting		271.41	14	301.23	A
Pepper, Spice		9.35	1	11.00	A
Persimmon		94.35	3	74.00	A
Plum		776.55	75	1,331.56	A
Pomegranate		27,493.42	68	16,188.60	A
Prune		191.25	9	450.00	A
Radish		1.39	7	1.45	A
Raspberry		1,020.75	188	1,739.28	A
Research Commodity		< 0.01			
Rights Of Way		21.39	7	29.25	A
Rutabaga		2.66	2	3.00	A
Sage		3.23	13	39.18	A
Sorghum (Forage - Fodder)		10.85	2	113.00	A
Spinach		1,476.45	225	2,176.45	A
Squash		56.65	8	46.31	A
Squash, Summer		21.04	2	16.50	A
Stone Fruit		50.58	8	57.00	A
Strawberry		10,784.66	548	18,072.24	A
Sudangrass		64.38	5	120.30	A
Sugarbeet		238.25	13	845.00	A
Sunflower		250.33	9	305.00	A
Sweet Potato		102.00	1	80.00	A
Swiss Chard		349.53	113	379.94	A
Tangelo		106.89	13	230.30	A
Tangerine		109.58	5	239.62	A
Tarragon		0.26	8	9.44	A
Thyme		3.87	12	53.25	A
Tomato		7,514.10	147	6,768.25	A
Tomato, Processing		5,845.59	165	8,221.28	A
Turnip		15.78	20	30.61	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		274.34	15	610.12	A
Watermelon		348.08	63	1,436.84	A
Wheat		243.25	7	668.00	A
Chemical Total		80,461.45	5,754		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI STRAIN SA-12					
Apple		8.50	1	5.00	A
Apricot		153.00	1	90.00	A
Arrugula		0.51	2	0.50	A
Blackberry		8.50	1	5.00	A
Cherry		42.50	1	50.00	A
Corn, Human Consumption		2.13	1	6.00	A
Cucumber		93.50	8	110.00	A
Grape		505.35	29	923.79	A
Grape, Wine		85.00	2	100.00	A
Grapefruit		23.80	1	56.00	A
Lemon		2.13	1	5.00	A
N-Outdr Plants In Containers		0.55	12	1.30	A
Nectarine		18.46	9	43.43	A
Orange		7,508.45	265	11,372.25	A
Peach		51.08	8	48.58	A
Pear		8.50	1	10.00	A
Plum		62.73	13	135.60	A
Pomegranate		72.25	2	70.00	A
Raspberry		90.25	17	70.78	A
Squash		8.50	1	10.00	A
Strawberry		89.89	1	70.50	A
Tangelo		112.20	4	185.00	A
Tangerine		3,170.39	62	6,306.19	A
Tomato		10.20	4	25.50	A
Chemical Total		12,128.37	447		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. SAN DIEGO					
N-Grnhs Plants In Containers		0.04	1	18,000.00	S
Public Health		0.22			
Chemical Total		0.26	1		
BEAUVERIA BASSIANA STRAIN GHA					
Beet		1.35	9	12.87	A
Cabbage		0.88	8	3.97	A
Carrot		0.03	1	0.36	A
Cauliflower		1.94	4	27.51	A
Grape		1.32	2	5.00	A
Landscape Maintenance		1.10			
Lettuce, Leaf		0.90	4	4.10	A
N-Grnhs Flower		200.37	394	1,472.94	A
		1.21	9	168,470.00	S
Total Pounds On This Commodity	201.58				
N-Grnhs Plants In Containers		99.73	164	451.97	A
		10.66	57	1,444,908.00	S
Total Pounds On This Commodity	110.39				
N-Grnhs Transplants		7.08	48	14.98	A
N-Outdr Flower		9.70	21	23.36	A
N-Outdr Plants In Containers		29.66	48	95.51	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		1.50	8	118,090.00	S
Total Pounds On This Commodity	31.16				
N-Outdr Transplants		2.05	10	10.32	A
Regulatory Pest Control		< 0.01			
		< 0.01		4.00	A
Total Pounds On This Commodity	0.01				
Chemical Total		< 0.01	787		
BENDIOCARB					
Landscape Maintenance		0.02			
Structural Pest Control		0.20			
Chemical Total		0.23			
BENEFIN					
Alfalfa		1,366.55	10	1,017.80	A
Landscape Maintenance		317.24			
		10.50	2	68.00	A
		0.60	1	15,000.00	S
Total Pounds On This Commodity	328.34				
Lettuce, Head		3,889.54	128	4,818.19	A
Lettuce, Leaf		2,391.47	112	2,803.39	A
N-Grnhs Plants In Containers		0.50	1	1.00	A
		< 0.01	1	10,890.00	S
Total Pounds On This Commodity	0.50				
N-Outdr Flower		0.11	10	24.02	A
N-Outdr Plants In Containers		137.47	128	160.73	A
		1.25	6	42,000.00	S
Total Pounds On This Commodity	138.72				
Research Commodity		1.20			
Rights Of Way		2.84			
Structural Pest Control		0.40			
Chemical Total		8,119.68	399		
BENOMYL					
Apple		0.35	1	1.00	A
Apricot		0.38	1	0.50	A
Cherry		0.08	1	0.50	A
		< 0.01	1	2.00	U
Total Pounds On This Commodity	0.08				
Grape		54.50	1	160.00	A
Landscape Maintenance		< 0.01			
Melon		0.38	1	0.50	A
Peach		0.08	1	10.00	U
Pear		0.03	1	5.00	U
Plum		0.03	1	5.00	U
Chemical Total		55.81	9		
BENSULFURON METHYL					
Rice		1,479.76	369	30,925.44	A
Chemical Total		1,479.76	369		
BENSULIDE					
Alfalfa		188.38	1	96.00	A
Arrugula		1,131.92	82	216.68	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bok Choy		5,286.81	230	1,186.45	A
Broccoli		25,617.01	651	9,854.56	A
Brussels Sprout		15.86	2	8.00	A
Cabbage		12,044.26	470	2,465.93	A
Canola (Rape)		401.55	10	81.00	A
Cantaloupe		7,075.66	49	2,652.19	A
Cardoon		65.95	7	12.10	A
Cauliflower		738.76	21	248.18	A
Celery		734.37	22	178.60	A
Chicory		39.66	1	10.00	A
Chinese Cabbage (Nappa)		1,621.80	88	357.52	A
Chinese Greens		122.94	2	26.00	A
Cilantro		6,795.66	368	1,534.96	A
Collard		1,706.17	110	312.94	A
Corn Salad		991.63	28	271.00	A
Corn, Human Consumption		147.53	4	41.49	A
Cucumber		622.44	36	179.69	A
Dandelion Green		1,171.62	20	196.18	A
Eggplant		49.57	1	20.00	A
Endive (Escarole)		3,385.08	154	785.45	A
Fennel		150.44	12	40.76	A
Gai Lon		831.50	22	179.80	A
Kale		515.81	64	92.80	A
Kohlrabi		198.63	78	71.65	A
Landscape Maintenance		1,859.36			
		69.56	2	20.00	A
		38.25	1	100,000.00	S
Total Pounds On This Commodity	1,967.17				
Lettuce, Head		39,044.94	780	12,381.38	A
Lettuce, Leaf		91,336.99	2,989	27,580.92	A
Melon		1,556.07	30	894.96	A
Mizuna		966.38	45	174.47	A
Mustard		6,683.34	368	1,344.75	A
N-Outdr Plants In Containers		39.66	2	8.00	A
Onion, Dry		10,867.57	53	3,681.46	A
Parsley		167.36	8	42.20	A
Pepper, Fruiting		1,345.48	34	455.58	A
Pepper, Spice		6.74	1	1.70	A
Pimento		83.28	1	21.00	A
Pumpkin		281.62	11	71.70	A
Radicchio		805.35	6	162.38	A
Rappini		573.95	20	374.20	A
Research Commodity		14.38			
		5.16	5	6.71	A
Total Pounds On This Commodity	19.54				
Soil Fumigation/Preplant		114.02	2	23.00	A
Spinach		138.05	13	35.62	A
Squash		779.32	22	213.05	A
Squash, Summer		299.31	11	67.47	A
Squash, Winter		121.95	1	24.69	A
Tomato		15.86	1	3.20	A
Turf/Sod		168.55	1	34.00	A
Unknown		136.41	29	34.87	A
Vertebrate Control		14.24	2	19.13	A
Watermelon		1,792.32	16	466.66	A
Chemical Total		230,976.50	6,987		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BENTAZON, SODIUM SALT				
Bean, Dried	234.03	7	234.80	A
Bean, Succulent	131.39	31	160.63	A
Bean, Unspecified	727.80	13	596.00	A
Corn, Human Consumption	150.91	39	152.00	A
Fava Bean	19.55	4	18.00	A
Landscape Maintenance	0.20			
Mint	5,433.38	46	2,784.50	A
N-Outdr Plants In Containers	1.48	1	1.90	A
Peas	2,889.95	204	2,475.87	A
Chemical Total	9,588.69	345		
BENTONITE				
Avocado	5.40	1	10.00	A
Blueberry	142.92	7	397.00	A
Broccoli	30.84	6	257.00	A
Carrot	1,501.26	146	8,217.06	A
Cauliflower	5.52	3	46.00	A
Cherry	18.00	2	40.00	A
Citrus	154.98	13	142.50	A
Grape	141.30	17	180.50	A
Grape, Wine	9.00	1	29.00	A
Grapefruit	1,168.63	36	374.15	A
Lemon	7,904.77	253	5,321.94	A
Nectarine	29.46	4	72.50	A
Olive	5,400.00	85	3,463.00	A
Orange	89,129.92	2,083	45,655.33	A
Peach	45.12	7	57.62	A
Plum	64.19	7	73.70	A
Pomelo	115.20	9	64.00	A
Potato	874.52	20	869.95	A
Raspberry	1.32	1	1.10	A
Tangelo	2,674.52	73	1,525.95	A
Tangerine	10,008.94	150	10,797.03	A
Chemical Total	119,425.82	2,924		
BENZOIC ACID				
Alfalfa	282.54	566	36,024.33	A
Almond	340.65	716	36,363.91	A
Apple	2.44	6	128.15	A
Apricot	0.57	4	131.00	A
Artichoke, Globe	198.85	291	17,279.80	A
Asparagus	41.73	53	2,916.25	A
Barley	3.34	4	368.00	A
Barley (Forage - Fodder)	2.23	2	199.00	A
Bean, Dried	9.64	30	1,391.24	A
Bean, Succulent	2.50	31	275.00	A
Bean, Unspecified	0.73	1	45.00	A
Bermudagrass	5.72	8	528.80	A
Bok Choy	< 0.01	1	0.80	A
Broccoli	25.96	238	2,574.46	A
Cantaloupe	3.58	9	641.70	A
Carrot	5.37	71	1,333.10	A
Cauliflower	5.21	112	1,296.28	A
Celery	13.58	194	1,371.79	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherry		24.06	70	1,498.30	A
Chinese Cabbage (Nappa)		< 0.01	1	1.50	A
Cilantro		0.28	4	6.50	A
Corn (Forage - Fodder)		206.94	158	9,805.13	A
Corn, Grain		5.31	14	633.50	A
Corn, Human Consumption		10.52	54	1,182.00	A
Cotton		98.43	179	11,843.47	A
Cucumber		0.75	2	138.00	A
Fennel		0.22	16	51.40	A
Forage Hay/Silage		5.65	24	796.60	A
Garlic		17.06	32	2,752.20	A
Grain		0.22	5	40.00	A
Grape		6.97	32	757.10	A
Grape, Wine		80.86	530	14,704.27	A
Grapefruit		2.43	15	109.05	A
Landscape Maintenance		14.75			
Lemon		0.22	2	20.00	A
Lettuce, Head		12.01	108	1,419.40	A
Lettuce, Leaf		14.75	120	1,132.30	A
N-Outdr Plants In Containers		1.30	23	460.81	A
N-Outdr Transplants		0.03	1	3.00	A
Nectarine		12.83	22	240.43	A
Oat		19.92	66	2,909.48	A
Oat (Forage - Fodder)		40.01	92	4,786.37	A
Olive		5.07	18	549.09	A
Onion, Dry		5.24	28	817.56	A
Orange		22.16	106	1,243.40	A
Parsley		2.40	9	114.30	A
Pastureland		51.09	44	2,815.70	A
Peach		1.40	15	225.10	A
Pear		0.20	9	73.18	A
Peas		1.10	29	382.20	A
Pecan		0.98	2	39.00	A
Pepper, Fruiting		2.62	30	451.01	A
Pepper, Spice		0.27	2	50.00	A
Pistachio		19.96	43	2,125.49	A
Plum		0.35	10	67.80	A
Pomegranate		0.77	9	111.70	A
Potato		17.22	15	1,253.50	A
Prune		10.01	34	985.23	A
Public Health		26.54			
Pumpkin		6.25	6	271.00	A
Rangeland		2.95	1	1,440.00	A
Rappini		0.21	3	13.00	A
Regulatory Pest Control		0.11		15.30	A
Rice		735.24	1,235	68,201.31	A
Rights Of Way		199.09			
		3.00	5	215.00	A
Total Pounds On This Commodity	202.09				
Ryegrass		2.19	4	331.00	A
Safflower		7.65	13	1,036.00	A
Soil Fumigation/Preplant		55.94	81	3,912.50	A
Sorghum/Milo		7.40	19	1,295.06	A
Spinach		5.94	88	562.70	A
Squash, Winter		0.13	1	18.00	A
Sunflower		15.51	23	2,156.30	A
Swiss Chard		0.03	2	10.75	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangelo		2.93	9	130.80	A
Tangerine		0.34	4	13.75	A
Tomato		0.56	6	170.70	A
Tomato, Processing		53.36	57	5,445.89	A
Triticale		0.43	1	40.00	A
Uncultivated Ag		144.06	419	7,570.16	A
Uncultivated Non-Ag		5.95	13	791.00	A
Unknown		1,094.42	12	1,214.00	A
Walnut		14.34	97	1,935.17	A
Water Area		21.31		493.00	A
Watermelon		2.84	4	132.00	A
Wheat		169.17	414	24,535.91	A
Wheat (Forage - Fodder)		29.50	89	4,543.50	A
Chemical Total		4,268.43	6,916		
N6-BENZYL ADENINE					
Apple		140.11	46	1,416.60	A
Commodity Fumigation		1.09			
N-Grnhs Flower		0.09	3	3.00	A
		< 0.01	1	5,000.00	S
Total Pounds On This Commodity	0.10				
N-Grnhs Plants In Containers		3.89	76	77.48	A
		2.11	157	1,577,094.00	S
Total Pounds On This Commodity	6.00				
N-Grnhs Transplants		0.10	7	36,500.00	S
N-Outdr Flower		1.75	34	417,000.00	S
		0.17	1	8.00	A
Total Pounds On This Commodity	1.91				
N-Outdr Plants In Containers		0.35	73	2,225,318.00	S
		0.15	9	6.54	A
Total Pounds On This Commodity	0.50				
N-Outdr Transplants		< 0.01	1	1.50	A
Pistachio		14.72	2	444.50	A
Rights Of Way		0.63			
Strawberry		0.04	1	200.00	S
Chemical Total		165.20	411		
ORTHO-BENZYL-PARA-CHLOROPHENOL					
Animal Premise		462.38		5,400.00	U
		22.68		231,450.00	S
		11.13			
		9.67		30.00	A
Total Pounds On This Commodity	< 0.01				
Chicken		0.11		2.00	U
Farm/Ag Building		9.22		51.00	U
Industrial Site		< 0.01		10.00	A
		< 0.01		1.00	U
Total Pounds On This Commodity	0.00				
Landscape Maintenance		220.95			
		0.10	1	4.00	A
Total Pounds On This Commodity	221.05				
Research Commodity		0.02			
Rights Of Way		8.36			
Structural Pest Control		413.13			
Vertebrate Control		242.82			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		1,400.56	1		
ORTHO-BENZYL-PARA-CHLOROPHENOL, POTASSIUM SALT					
Structural Pest Control		4.22			
Chemical Total		4.22			
ORTHO-BENZYL-PARA-CHLOROPHENOL, SODIUM SALT					
Animal Premise		17.71		6.00	U
N-Grnhs Plants In Containers		0.27	2	0.40	A
Chemical Total		17.98	2		
BENZYLDIETHYL [(2,6-XYLYLCARBAMOYL)METHYL] AMMONIUM SACCHARIDE					
Landscape Maintenance		< 0.01			
Spinach		< 0.01	1	6.15	A
Structural Pest Control		0.02			
Chemical Total		0.03	1		
BIFENAZATE					
Almond		9,599.37	357	20,796.71	A
Apple		357.04	31	764.57	A
Apricot		151.93	12	322.60	A
Bean, Succulent		25.97	2	52.00	A
Blackberry		50.95	16	101.90	A
Cantaloupe		27.60	1	60.00	A
Cherry		1,826.06	159	4,142.36	A
Chestnut		5.63	2	15.00	A
Cucumber		137.75	25	275.50	A
Eggplant		26.25	7	60.00	A
Grape		8,440.77	460	17,077.66	A
Grape, Wine		19,956.72	1,191	40,219.61	A
Landscape Maintenance		65.07			
Melon		2.00	2	8.00	A
Mint		7.48	1	22.00	A
N-Grnhs Flower		165.22	373	582.75	A
		10.37	65	2,107,800.00	S
Total Pounds On This Commodity	175.59				
N-Grnhs Plants In Containers		276.52	471	781.97	A
		60.17	313	15,355,751.00	S
		0.16	1	30,000.00	U
Total Pounds On This Commodity	336.85				
N-Grnhs Transplants		9.35	41	47.30	A
		0.03	5	99,600.00	S
Total Pounds On This Commodity	9.39				
N-Outdr Flower		45.08	126	237.32	A
		2.93	20	337,422.00	S
Total Pounds On This Commodity	48.01				
N-Outdr Plants In Containers		486.95	405	1,724.81	A
		14.45	8	18,526.00	U
		10.76	79	2,390,406.00	S
Total Pounds On This Commodity	512.17				
N-Outdr Transplants		286.67	54	587.49	A
		< 0.01	1	2,700.00	S
Total Pounds On This Commodity	286.68				
Nectarine		1,825.24	262	3,837.20	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach		3,492.36	461	7,285.44	A
Pear		113.40	19	284.80	A
Pepper, Fruiting		140.00	2	280.00	A
Pistachio		12.50	2	25.00	A
Plum		933.96	108	1,914.07	A
Pluot		19.46	1	38.91	A
Prune		1,035.60	53	1,538.05	A
Pumpkin		66.54	4	145.90	A
Raspberry		644.43	144	1,342.53	A
Regulatory Pest Control		0.21			
		0.03		13,640.00	S
Total Pounds On This Commodity	0.25				
Research Commodity		30.28			
Strawberry		17,357.80	1,255	35,490.20	A
Tangerine		545.00	5	1,180.50	A
Tomato		59.76	16	256.40	A
Tomato, Processing		58.13	1	155.00	A
Unknown		5.75	10	8.00	A
Vertebrate Control		0.34			
Walnut		2,398.29	185	5,055.90	A
Watermelon		183.24	8	387.50	A
Chemical Total		70,971.54	6,764		
BIFENTHRIN					
Alfalfa		743.43	115	6,941.70	A
Almond		13,774.54	1,407	123,523.86	A
Artichoke, Globe		347.50	171	3,478.11	A
Bean, Dried		1,584.55	78	5,085.67	A
Bean, Succulent		153.74	38	1,223.80	A
Bean, Unspecified		0.09	1	10.00	A
Blackberry		4.40	6	53.00	A
Bok Choy		15.30	4	18.00	A
Broccoli		820.13	85	4,451.14	A
Cabbage		176.26	27	819.00	A
Cantaloupe		3,648.56	201	13,596.56	A
Carrot		125.10	59	1,179.10	A
Cauliflower		89.48	39	1,085.15	A
Chinese Cabbage (Nappa)		8.50	2	10.00	A
Clover		6.91	3	69.39	A
Collard		2.53	3	36.00	A
Corn (Forage - Fodder)		5,840.96	718	31,664.12	A
Corn, Grain		28.43	8	284.00	A
Corn, Human Consumption		6,270.89	490	17,576.39	A
Cotton		25,930.12	289	39,609.09	A
Cotton (Forage - Fodder)		6.33	2	110.70	A
Cucumber		773.61	65	2,573.13	A
Eggplant		12.27	10	87.50	A
Gourd		1.60	2	16.00	A
Grape, Wine		42.47	14	488.20	A
Grapefruit		2.96	2	29.60	A
Kohlrabi		0.79	1	7.60	A
Landscape Maintenance		2,326.71			
		36.56	34	1,564.00	A
		0.12	1	100,000.00	S
Total Pounds On This Commodity	2,363.39				
Lettuce, Head		826.69	224	7,367.77	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		3.07	3	44.73	A
Melon		2,545.93	209	12,615.03	A
N-Grnhs Flower		13.29	68	155.01	A
		7.22	39	2,404,920.00	S
Total Pounds On This Commodity	20.51				
N-Grnhs Plants In Containers		56.87	346	484.45	A
		29.66	249	7,219,207.00	S
		0.12	3	2,002.00	U
Total Pounds On This Commodity	86.64				
N-Grnhs Transplants		15.10	34	866,619.60	S
		0.96	16	12.32	A
Total Pounds On This Commodity	16.06				
N-Outdr Flower		6.81	48	77.06	A
		1.24	13	403,250.00	S
Total Pounds On This Commodity	8.05				
N-Outdr Plants In Containers		392.79	1,326	4,112.14	A
		50.62	340	6,111,212.00	S
		11.00	389	138,873.00	U
Total Pounds On This Commodity	454.41				
N-Outdr Transplants		49.50	184	648.85	A
		0.43	5	178,600.00	S
Total Pounds On This Commodity	49.93				
Nursery Soil		119.50		362,399.64	C
Onion, Dry		0.60	1	6.00	A
Onion, Green		3.72	7	37.50	A
Orange		77.90	17	805.40	A
Pear		4.20	1	27.00	A
Peas		485.59	53	798.20	A
Pepper, Fruiting		1,082.61	142	3,952.45	A
Pepper, Spice		0.33	1	0.50	A
Pistachio		7,746.39	455	53,839.09	A
Public Health		3.74			
Pumpkin		847.23	73	2,394.00	A
Raspberry		38.36	28	403.13	A
Regulatory Pest Control		25.43			
		< 0.01		2,000.00	U
		< 0.01		2,000.00	S
Total Pounds On This Commodity	25.44				
Research Commodity		32.66			
		14.45	2	17.00	A
Total Pounds On This Commodity	47.11				
Rights Of Way		21.97			
		0.02	1	0.50	A
Total Pounds On This Commodity	21.99				
Soil Fumigation/Preplant		195.77		683,645.19	C
		112.22		471,279.00	S
		0.71		492.00	A
Total Pounds On This Commodity	308.70				
Soybean		15.37	7	145.00	A
Squash		435.85	77	1,355.28	A
Squash, Summer		23.28	6	83.00	A
Squash, Winter		91.86	10	150.00	A
Strawberry		4,493.00	1,417	41,252.99	A
Structural Pest Control		46,795.88			
		3.03	2	40.00	A
Total Pounds On This Commodity	46,798.92				
Tomato		893.03	96	3,949.49	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing		14,089.69	797	50,228.39	A
Turf/Sod		2.53	10	48.00	A
		0.17		114,000.00	U
Total Pounds On This Commodity	2.70				
Uncultivated Ag		30.29	5	130.00	A
Uncultivated Non-Ag		1.36	1	10.00	A
		< 0.01			
Total Pounds On This Commodity	1.36				
Unknown		95.59		180,559.47	C
		4.96	3	50.00	A
Total Pounds On This Commodity	100.55				
Vertebrate Control		5.50	2	55.00	A
		1.62			
Total Pounds On This Commodity	7.12				
Walnut		2,730.68	811	26,678.19	A
Watermelon		1,309.62	144	4,793.56	A
Wheat (Forage - Fodder)		10.78	1	116.00	A
Chemical Total		148,633.63	11,541		
S-BIOALLETHRIN					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS					
Alfalfa		1,763.40	463	31,156.44	A
Almond		4,824.76	961	52,186.07	A
Apple		426.23	108	3,891.48	A
Apricot		595.72	84	4,612.60	A
Arrugula		4.13	3	63.00	A
Artichoke, Globe		2,777.59	1,088	47,634.97	A
Asparagus		12.36	10	914.00	A
Avocado		2.11	3	37.00	A
Barley		22.72	3	168.00	A
Bean, Dried		526.98	159	9,288.18	A
Bean, Succulent		64.31	26	1,214.00	A
Beet		0.27	1	12.50	A
Blackberry		0.02	1	0.50	A
Blueberry		35.14	5	276.00	A
Bok Choy		2.57	10	38.63	A
Broccoli		250.76	145	4,337.29	A
Cabbage		26.43	22	355.80	A
Cantaloupe		140.21	40	2,657.62	A
Cardoon		2.02	16	27.20	A
Carrot		2,436.17	256	17,105.54	A
Cauliflower		156.27	73	1,630.25	A
Celery		50.38	81	949.10	A
Cherry		1,391.10	814	18,236.98	A
Chinese Cabbage (Nappa)		1.93	8	48.93	A
Cilantro		3.53	7	57.58	A
Citrus		3.56	3	24.00	A
Corn (Forage - Fodder)		575.59	127	7,566.10	A
Corn, Grain		10.26	1	144.00	A
Corn, Human Consumption		1,548.22	362	37,808.15	A
Cotton		1,286.06	330	19,683.00	A
Cucumber		0.01	1	1.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Eggplant		2.60	7	38.50	A
Endive (Escarole)		1.35	9	27.42	A
Forage Hay/Silage		27.41	10	364.60	A
Garlic		66.52	10	748.50	A
Grape		408.22	120	4,725.03	A
Grape, Wine		1,102.51	428	19,686.62	A
Grapefruit		49.35	44	481.50	A
Kale		2.61	2	21.96	A
Landscape Maintenance		0.54			
		0.34	1	5.00	A
Total Pounds On This Commodity	0.88				
Lemon		71.08	17	296.16	A
Lettuce, Head		1,102.41	1,008	22,121.89	A
Lettuce, Leaf		269.32	388	5,375.65	A
Melon		49.92	13	1,002.00	A
Mint		0.57	1	7.80	A
Mustard		1.79	6	13.00	A
N-Grnhs Plants In Containers		0.13	1	0.06	A
N-Outdr Plants In Containers		128.79	13	496.50	A
N-Outdr Transplants		1.66	7	38.75	A
Nectarine		1.52	10	23.00	A
Oat		4.16	1	58.40	A
Oat (Forage - Fodder)		2.54	5	80.00	A
Okra		0.25	1	7.00	A
Olive		9.46	4	120.00	A
Onion, Dry		168.28	47	3,941.08	A
Orange		3,437.75	637	11,876.24	A
Parsnip		1.48	1	13.00	A
Pastureland		3.32	2	31.50	A
Peach		795.71	190	7,300.94	A
Pear		60.31	23	1,252.00	A
Pecan		0.62	1	13.00	A
Pepper, Fruiting		118.47	72	2,829.10	A
Persimmon		3.95	5	24.75	A
Pistachio		1,858.21	150	15,400.36	A
Plum		29.61	21	264.50	A
Pluot		0.07	1	2.00	A
Pomegranate		11.94	2	335.30	A
Pomelo		0.11	1	2.00	A
Potato		66.99	18	1,017.90	A
Prune		89.23	52	2,474.00	A
Pumpkin		1.52	4	40.00	A
Raspberry		1.51	7	85.44	A
Rice		182.03	107	8,334.26	A
Rights Of Way		57.82			
Soil Fumigation/Preplant		5.49	7	252.00	A
Sorghum/Milo		44.42	8	285.90	A
Spinach		4.01	15	113.70	A
Squash		1.31	6	58.00	A
Squash, Summer		0.25	1	7.00	A
Strawberry		3.48	11	165.80	A
Sugarbeet		53.56	26	1,526.00	A
Sunflower		2.40	3	45.00	A
Tangelo		22.99	15	172.80	A
Tangerine		154.61	33	2,015.70	A
Tomato		26.11	22	773.50	A
Tomato, Processing		559.57	155	14,088.01	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Turf/Sod		5.23	6	73.00	A
Uncultivated Ag		209.60	110	2,326.20	A
Uncultivated Non-Ag		37.17	2	56.00	A
Vertebrate Control		0.14	1	155.00	A
Walnut		1,045.10	230	8,260.80	A
Watercress		0.84	1	1.00	A
Watermelon		173.37	63	3,429.00	A
Wheat		720.41	89	5,636.92	A
Wheat (Forage - Fodder)		52.75	16	788.30	A
Chemical Total		32,257.64	9,478		
N,N-BIS-(2-(OMEGA-HYDROXYPOLY(OXYETHYLENE)/POLY (OXYPROPYLENE))ETHYL)ALKYL (C8-C18) AMINE					
Alfalfa		3.57	1	75.00	A
Almond		42.49	2	74.00	A
Cherry		4,389.70	27	394.21	A
Plum		350.40	1	16.50	A
Chemical Total		4,786.17	31		
BISPYRIBAC-SODIUM					
Landscape Maintenance		2.61			
		1.44	4	63.20	A
Total Pounds On This Commodity	< 0.01				
Rice		2,376.09	1,393	81,752.99	A
Chemical Total		2,380.14	1,397		
BORAX					
Almond		0.94	4	290.00	A
Blueberry		0.09	2	4.30	A
Broccoli		4.25	51	486.11	A
Cabbage		0.13	1	12.60	A
Celery		0.88	8	83.42	A
Forest, Timberland		2,031.50	24	5,710.00	A
Landscape Maintenance		210.14			
		0.02	2	52.00	A
Total Pounds On This Commodity	210.16				
Lettuce, Head		12.57	139	1,261.44	A
Lettuce, Leaf		0.12	2	12.10	A
N-Grnhs Plants In Containers		0.51	1	2.20	A
Onion, Dry		4.78	20	355.02	A
Raspberry		0.29	7	15.00	A
Regulatory Pest Control		0.11			
Research Commodity		0.42			
		0.32	1	40.00	A
Total Pounds On This Commodity	0.74				
Rights Of Way		74,829.85			
Squash		< 0.01	1	1.00	A
Squash, Summer		0.34	9	51.50	A
Strawberry		315.86	426	14,272.50	A
Structural Pest Control		594.50			
Uncultivated Ag		< 0.01	1	19.88	A
Uncultivated Non-Ag		2.34			
Vertebrate Control		9.59	5	456.00	A
Chemical Total		78,019.55	704		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BORIC ACID					
Animal Premise		1,920.00		2.00	U
Fumigation, Other		6,336.46			
Grape, Wine		< 0.01	2	95.00	A
Household		2.55		3.00	A
Landscape Maintenance		907.62			
		15.25	1	8.00	A
Total Pounds On This Commodity	922.87				
Lettuce, Leaf		< 0.01	1	14.41	A
N-Outdr Plants In Containers		3.00	3	2.50	A
N-Outdr Transplants		0.50	1	0.30	A
Public Health		185.68			
Regulatory Pest Control		1,475.93			
Rights Of Way		2.10			
Sewage System		447.36		1,364.00	U
Structural Pest Control		58,144.30			
Chemical Total		69,440.73	8		
BORON OXIDE					
N-Outdr Plants In Containers		< 0.01	1	1.12	A
Structural Pest Control		0.02			
Chemical Total		0.02	1		
BOSCALID					
Almond		27,195.64	2,535	150,124.31	A
Apple		169.48	18	721.01	A
Apricot		482.78	130	2,804.06	A
Bean, Dried		23.49	6	49.00	A
Bean, Succulent		23.85	6	53.10	A
Blackberry		54.57	23	166.41	A
Blueberry		317.00	38	1,124.78	A
Bok Choy		6.03	3	15.32	A
Broccoli		178.56	49	450.47	A
Brussels Sprout		2.36	1	6.00	A
Cabbage		174.82	31	452.83	A
Carrot		1,002.80	80	5,199.12	A
Cauliflower		135.58	47	368.64	A
Celery		410.20	61	1,148.48	A
Cherry		2,233.27	551	11,706.51	A
Chestnut		7.88	3	40.00	A
Chicory		19.55	1	527.40	U
Chinese Cabbage (Nappa)		1.05	2	3.00	A
Cucumber		21.64	6	108.00	A
Gai Lon		165.62	94	420.57	A
Garbanzo Bean		25.98	2	99.00	A
Grape		17,405.28	1,925	88,838.17	A
Grape, Wine		30,750.41	4,559	136,686.79	A
Kale		3.37	2	9.00	A
Kohlrabi		1.35	4	3.42	A
Landscape Maintenance		68.46			
		1.55	1	5.00	A
Total Pounds On This Commodity	70.01				
Leek		45.07	71	187.56	A
Lettuce, Head		17,758.94	3,530	43,342.86	A
Lettuce, Leaf		11,446.50	3,441	28,213.54	A
Melon		12.78	9	41.66	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Flower		13.83	64	123.88	A
		0.66	6	245,000.00	S
Total Pounds On This Commodity	14.49				
N-Grnhs Plants In Containers		11.42	35	72.00	A
		1.11	15	164,264.00	S
Total Pounds On This Commodity	12.52				
N-Grnhs Transplants		42.09	22	131.08	A
		0.04	6	3,700.00	S
Total Pounds On This Commodity	42.13				
N-Outdr Flower		30.88	64	197.72	A
N-Outdr Plants In Containers		111.83	107	582.98	A
		0.29	6	45,400.00	S
		0.05	1	1,000.00	U
Total Pounds On This Commodity	112.16				
N-Outdr Transplants		488.35	121	1,809.98	A
		44.26	149	4,626,542.08	S
Total Pounds On This Commodity	532.61				
Nectarine		1,506.13	460	7,789.49	A
Olive		0.13	1	1.00	A
Onion, Dry		1,797.24	149	8,102.00	A
Onion, Green		8.09	5	27.20	A
Peach		2,904.69	756	15,578.08	A
Pear		65.65	17	236.00	A
Peas		195.27	6	436.00	A
Pepper, Fruiting		89.84	26	631.80	A
Pistachio		4,394.77	298	21,703.14	A
Plum		356.93	147	1,865.82	A
Potato		3,358.23	223	14,489.90	A
Prune		104.38	20	515.50	A
Pumpkin		35.90	14	140.30	A
Raspberry		359.71	86	1,186.21	A
Research Commodity		2.63			
		0.79	1	2.00	A
Total Pounds On This Commodity	3.41				
Rights Of Way		4.62			
Rye		1.97	1	5.00	A
Squash		1.75	1	6.00	A
Strawberry		14,884.77	1,279	44,166.98	A
Tomato		777.43	25	1,445.00	A
Tomato, Processing		173.95	6	441.79	A
Uncultivated Ag		1.83	1	8.00	A
Vertebrate Control		38.02	2	143.80	A
Walnut		37.11	5	213.00	A
Watermelon		400.15	43	1,509.81	A
Chemical Total		142,392.64	21,397		
BRODIFACOUM					
Airport		< 0.01		6.00	U
Animal Premise		0.11		237.50	U
		< 0.01			
Total Pounds On This Commodity	< 0.01				
Celery		< 0.01	2	12.00	A
Duck		< 0.01	10	200.00	U
Farm/Ag Building		< 0.01		11.00	U
Food Procressing Plant		< 0.01		510,000.00	S
		< 0.01		62.00	?

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	0.00				
Grape, Wine		< 0.01	1	0.75	A
Landscape Maintenance		0.20			
		< 0.01	9	342.50	A
Total Pounds On This Commodity	0.21				
Lemon		< 0.01	3	300.00	A
Lime		< 0.01	2	5.00	A
N-Grnhs Flower		< 0.01	1	8.00	A
N-Grnhs Plants In Containers		< 0.01	9	51.63	A
N-Grnhs Transplants		< 0.01	18	20.96	A
N-Outdr Plants In Containers		< 0.01	9	5.31	A
Poultry		0.07		111.00	U
		< 0.01	3	42.00	A
Total Pounds On This Commodity	0.07				
Public Health		< 0.01			
Rights Of Way		< 0.01			
Structural Pest Control		1.83			
Vertebrate Control		0.04			
Chemical Total		2.28	67		
BROMACIL					
Citrus		36.80	6	23.90	A
Grapefruit		1,787.00	56	1,186.45	A
Landscape Maintenance		2,340.78			
Lemon		1,836.18	51	1,459.60	A
N-Outdr Plants In Containers		9.60	1	6.00	A
Orange		19,089.93	635	15,905.10	A
Pomelo		15.60	2	10.00	A
Rangeland		6.00	1	30.00	A
Rights Of Way		18,217.91			
		259.80	5	637.00	A
Total Pounds On This Commodity	18,477.71				
Structural Pest Control		188.39			
Tangelo		1,303.33	42	1,200.41	A
Tangerine		3,166.46	80	2,888.18	A
Uncultivated Non-Ag		447.60	11	207.00	A
Walnut		72.00	1	18.00	A
Chemical Total		48,777.38	891		
BROMACIL, LITHIUM SALT					
Rights Of Way		896.29			
Chemical Total		896.29			
BROMADIOLONE					
Almond		< 0.01		835.10	T
Animal Premise		0.09		301.50	U
		< 0.01			
		< 0.01		10.00	A
Total Pounds On This Commodity	< 0.01				
Avocado		0.02	5	307.00	A
Cucumber		< 0.01	1	1.50	A
Duck		0.01	16	320.00	U
		0.01	15	525,000.00	S
Total Pounds On This Commodity	0.02				
Farm/Ag Building		< 0.01		14.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Food Procressing Plant		< 0.01		204,000.00	S
Grapefruit		< 0.01	4	111.00	A
Herb, Spice		< 0.01	1	0.75	A
Household		< 0.01		3.00	A
Landscape Maintenance		2.02			
		0.05	18	1,004.00	A
Total Pounds On This Commodity	2.08				
Lemon		0.04	6	405.00	A
N-Grnhs Flower		< 0.01	4	13.00	A
		< 0.01	3	53,000.00	S
Total Pounds On This Commodity	0.00				
N-Grnhs Plants In Containers		0.01	48	151.33	A
		< 0.01	4	57,000.50	S
Total Pounds On This Commodity	0.01				
N-Outdr Flower		< 0.01	13	108.00	A
		< 0.01	3	35,000.00	S
Total Pounds On This Commodity	0.00				
N-Outdr Plants In Containers		0.05	87	335.08	A
		< 0.01	5	143.00	U
		< 0.01	4	96,000.00	S
Total Pounds On This Commodity	0.06				
N-Outdr Transplants		< 0.01	1	5.00	A
Olive		< 0.01	2	2.00	A
Orange		< 0.01	1	15.00	A
Poultry		0.05	22	308.00	A
		0.01		10.00	U
Total Pounds On This Commodity	0.06				
Public Health		0.57			
Regulatory Pest Control		< 0.01			
Research Commodity		< 0.01			
Rights Of Way		0.06			
		< 0.01	9	44.00	A
Total Pounds On This Commodity	0.07				
Structural Pest Control		22.02			
		< 0.01	2	40.00	A
Total Pounds On This Commodity	22.02				
Uncultivated Ag		< 0.01	1	0.50	A
Vertebrate Control		0.90			
Chemical Total		25.97	275		
BROMETHALIN					
Animal Premise		3.60		23.00	U
		0.05			
Total Pounds On This Commodity	< 0.01				
Duck		1.88	10	200.00	U
Landscape Maintenance		1.42			
		< 0.01	7	518.00	A
Total Pounds On This Commodity	1.42				
Rights Of Way		0.01			
Structural Pest Control		0.75			
Turf/Sod		< 0.01	1	1.00	A
Vertebrate Control		1.29			
Chemical Total		9.01	18		
BROMINE CHLORIDE					
Landscape Maintenance		1,763.01			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		739.11			
Unknown		106.63		29.00	U
Water (Industrlial)		3,558.84		243.00	U
		179.24		40.00	A
Total Pounds On This Commodity	3,738.08				
Water Area		39.41		24.00	A
Chemical Total		6,386.25			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN					
Landscape Maintenance		323.76			
N-Outdr Plants In Containers		7.46	1	29.25	A
Structural Pest Control		6.70			
Unknown		116.48		70.00	U
Water (Industrlial)		8,114.56		402.00	U
		7,084.58		276.00	A
Total Pounds On This Commodity	15,199.14				
Water Area		336.23		23.00	A
Chemical Total		15,989.76	1		
BROMOXYNIL BUTYRATE					
Oat (Forage - Fodder)		2.50	1	10.00	A
Chemical Total		2.50	1		
BROMOXYNIL HEPTANOATE					
Alfalfa		4,110.19	354	17,637.50	A
Barley		809.39	33	2,480.80	A
Corn (Forage - Fodder)		256.68	15	927.60	A
Cotton		21.29	1	60.10	A
Forage Hay/Silage		272.76	42	1,174.84	A
Garlic		725.10	30	2,081.30	A
Grain		14.54	5	40.00	A
Grass, Seed		5.31	2	20.00	A
Landscape Maintenance		5.03			
		2.48	1	7.00	A
Total Pounds On This Commodity	7.51				
Mint		0.44	1	10.00	A
N-Outdr Plants In Containers		85.83	17	591.70	A
Oat		1,446.35	163	5,030.20	A
		0.06	1	10,000.00	U
Total Pounds On This Commodity	1,446.40				
Oat (Forage - Fodder)		1,513.71	156	5,468.16	A
Onion, Dry		2,578.49	342	23,225.54	A
Rights Of Way		270.33			
Rye		6.02	2	17.50	A
Ryegrass		55.35	6	187.20	A
Sorghum (Forage - Fodder)		29.19	3	109.90	A
Sorghum/Milo		46.88	8	142.10	A
Sudangrass		7.72	2	43.50	A
Triticale		378.36	16	1,082.85	A
Turf/Sod		188.18	45	614.00	A
Uncultivated Ag		84.97	5	268.40	A
Uncultivated Non-Ag		1.79	1	5.00	A
Wheat		12,116.33	539	36,312.70	A
Wheat (Forage - Fodder)		2,696.11	206	9,802.00	A
Chemical Total		27,728.87	1,996		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BROMOXYNIL OCTANOATE					
Alfalfa		6,823.16	448	24,432.59	A
Barley		952.24	38	2,689.80	A
Barley (Forage - Fodder)		41.40	2	80.50	A
Bermudagrass		398.10	10	637.00	A
Broccoli		58.10	1	81.00	A
Corn (Forage - Fodder)		2,925.74	16	1,000.60	A
Cotton		22.07	1	60.10	A
Flax		38.40	2	106.00	A
Forage Hay/Silage		340.55	50	1,396.84	A
Garlic		1,120.52	45	2,886.70	A
Grain		15.08	5	40.00	A
Grass, Seed		6.23	3	23.00	A
Landscape Maintenance		5.21			
		2.57	1	7.00	A
Total Pounds On This Commodity	7.78				
Lettuce, Leaf		43.58	1	80.00	A
Mint		185.16	11	571.00	A
N-Outdr Plants In Containers		89.01	17	591.70	A
Oat		1,684.20	174	5,553.20	A
		0.06	1	10,000.00	U
Total Pounds On This Commodity	1,684.26				
Oat (Forage - Fodder)		1,669.19	170	5,925.16	A
Onion, Dry		4,515.18	438	29,009.12	A
Pastureland		3.63	1	3.00	A
Research Commodity		1.19			
Rights Of Way		282.53			
Rye		6.25	2	17.50	A
Ryegrass		57.40	6	187.20	A
Sorghum (Forage - Fodder)		30.27	3	109.90	A
Sorghum/Milo		48.61	8	142.10	A
Sudangrass		8.01	2	43.50	A
Triticale		392.37	16	1,082.85	A
Turf/Sod		435.04	57	834.50	A
Uncultivated Ag		88.11	5	268.40	A
Uncultivated Non-Ag		1.85	1	5.00	A
Wheat		24,654.58	869	57,233.09	A
Wheat (Forage - Fodder)		3,092.05	222	10,743.20	A
Chemical Total		50,037.66	2,626		
BRONOPOL					
Water (Industrlial)		< 0.01		1.00	U
Chemical Total		< 0.01			
BUFFALO GOURD ROOT POWDER					
Cucumber		0.82	5	5.50	A
Melon		0.22	2	3.00	A
Chemical Total		1.03	7		
BUPROFEZIN					
Almond		143.33	2	126.00	A
Cantaloupe		272.99	10	660.00	A
Citrus		45.36	2	27.00	A
Cotton		2,973.72	94	8,344.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape		26,465.11	1,263	51,026.59	A
Grape, Wine		29,293.80	1,065	52,850.14	A
Grapefruit		49.00	2	25.00	A
Landscape Maintenance		0.05			
Lemon		520.46	12	270.00	A
Melon		31.50	2	74.00	A
N-Grnhs Flower		123.86	103	223.59	A
		2.32	7	253,400.00	S
Total Pounds On This Commodity	126.19				
N-Grnhs Plants In Containers		40.87	26	117.75	A
		17.31	34	723,180.00	S
Total Pounds On This Commodity	58.19				
N-Grnhs Transplants		1.59	2	12,500.00	S
		0.20	2	1.25	A
Total Pounds On This Commodity	1.79				
N-Outdr Flower		1.69	3	2.75	A
N-Outdr Plants In Containers		62.94	34	76.00	A
		1.55	5	11,500.00	S
Total Pounds On This Commodity	64.49				
N-Outdr Transplants		9.32	4	17.80	A
Olive		17.70	2	10.00	A
Orange		6,807.68	129	3,416.41	A
Peach		75.33	4	42.00	A
Pistachio		6,689.32	74	4,522.70	A
Plum		105.94	6	68.00	A
Pomelo		5.25	1	3.00	A
Regulatory Pest Control		0.08			
Research Commodity		0.42			
Structural Pest Control		< 0.01			
Tangelo		110.60	3	60.00	A
Tangerine		533.85	16	290.01	A
Tomato		61.75	7	172.25	A
Vertebrate Control		415.45	10	791.33	A
Watermelon		18.19	1	55.00	A
Chemical Total		74,898.57	2,925		
BUTOPYRONOXYL					
Landscape Maintenance		2.12	3	41.30	A
Chemical Total		2.12	3		
2-BUTOXYETHANOL					
Alfalfa		1.46	7	282.00	A
Almond		21.57	101	2,484.03	A
Apple		1,116.97	94	2,153.76	A
Apricot		0.71	8	72.38	A
Cherry		153.40	87	1,752.78	A
Corn (Forage - Fodder)		0.85	4	158.00	A
Grape		21.63	81	1,914.24	A
Grape, Wine		7.91	11	956.22	A
Grapefruit		4.36	23	953.00	A
Landscape Maintenance		0.14			
Lemon		3.10	9	885.00	A
Nectarine		8.37	143	1,365.92	A
Olive		2.48	7	701.00	A
Onion, Dry		0.96	1	115.00	A
Orange		64.32	162	23,663.60	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach	15.98	237	2,079.81	A
Pear	10.16	2	50.00	A
Persimmon	< 0.01	6	3.70	A
Pistachio	< 0.01	2	0.70	A
Plum	11.67	126	1,470.64	A
Pluot	3.38	53	645.14	A
Prune	0.61	8	77.20	A
Rights Of Way	2.63			
Tangelo	0.47	4	83.60	A
Tangerine	3.30	11	906.00	A
Tomato, Processing	0.45	1	65.00	A
Turf/Sod	0.48	1	35.40	A
Uncultivated Ag	0.69	2	160.00	A
Walnut	54.34	285	6,030.87	A
Chemical Total	1,512.42	1,476		
2-(2-BUTOXY ETHOXY) ETHYL THIOCYANATE				
Landscape Maintenance	0.03	1	10.00	A
Chemical Total	0.03	1		
BUTYL ALCOHOL				
Alfalfa	2,478.71	1,056	57,892.88	A
Almond	12,055.04	2,945	188,467.01	A
Apple	1.05	7	22.00	A
Apricot	4.04	10	209.90	A
Artichoke, Globe	7.22	22	151.80	A
Asian Pear	0.23	1	5.00	A
Asparagus	231.10	40	2,341.62	A
Avocado	3.86	1	208.00	A
Barley	16.84	9	764.10	A
Barley (Forage - Fodder)	0.93	2	100.00	A
Bean, Dried	52.78	54	2,308.46	A
Bean, Succulent	0.61	3	64.90	A
Blueberry	1.45	3	39.00	A
Bok Choy	0.21	8	8.60	A
Broccoli	35.97	180	1,338.81	A
Cabbage	2.02	9	60.89	A
Cantaloupe	29.79	23	2,032.77	A
Carrot	8.59	17	313.10	A
Cauliflower	13.34	24	324.50	A
Celery	14.06	75	597.20	A
Cherry	168.02	108	1,915.07	A
Chestnut	4.73	5	27.50	A
Chinese Cabbage (Nappa)	0.34	8	14.60	A
Christmas Tree	3.80	10	42.00	A
Citrus	2.80	4	18.70	A
Corn (Forage - Fodder)	514.82	393	16,676.18	A
Corn, Grain	70.52	77	1,883.90	A
Corn, Human Consumption	144.35	257	4,926.87	A
Cotton	631.11	374	43,585.74	A
Cucumber	7.12	11	431.00	A
Ditch Bank	0.46	1	25.00	A
Eggplant	0.84	1	36.00	A
Endive (Escarole)	1.03	37	44.30	A
Fennel	0.09	3	12.00	A
Fig	1.12	1	40.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Forage Hay/Silage		11.70	21	628.30	A
Forest, Timberland		17.30	20	510.00	A
Garbanzo Bean		15.85	13	841.00	A
Garlic		9.40	8	565.00	A
Grain		0.96	5	40.00	A
Grape		588.95	336	11,126.21	A
Grape, Wine		4,962.38	5,854	162,178.16	A
Kale		0.47	2	20.46	A
Kiwi		0.93	5	36.75	A
Landscape Maintenance		96.82			
Lettuce, Head		133.82	354	4,149.84	A
Lettuce, Leaf		150.19	1,450	6,727.91	A
Melon		6.60	7	372.70	A
N-Grnhs Plants In Containers		2.47	5	112,460.00	S
N-Outdr Plants In Containers		83.89	266	1,426.94	A
		0.02	3	4,400.00	S
Total Pounds On This Commodity	83.92				
N-Outdr Transplants		1.67	7	23.30	A
Nectarine		229.54	637	6,346.77	A
Oat		40.87	48	2,112.97	A
Oat (Forage - Fodder)		114.11	116	4,516.17	A
Olive		111.93	51	1,956.68	A
Onion, Dry		75.25	57	1,728.90	A
Orange		1,684.06	199	7,296.90	A
Pastureland		48.45	53	1,492.30	A
Peach		368.15	702	8,166.18	A
Pear		1.37	5	29.50	A
Peas		0.61	2	145.00	A
Pecan		21.79	9	158.00	A
Pepper, Fruiting		36.53	57	1,025.15	A
Pistachio		1,987.88	475	32,937.08	A
Plum		166.05	378	3,923.42	A
Pomegranate		145.46	27	1,636.48	A
Potato		34.76	18	1,217.00	A
Prune		553.83	275	12,534.43	A
Public Health		90.14			
Pumpkin		6.25	9	276.00	A
Rangeland		29.44	49	2,202.80	A
Rappini		6.36	83	266.90	A
Recreation Area		0.29	1	2.00	A
Regulatory Pest Control		105.89			
		0.45		5.00	A
Total Pounds On This Commodity	106.34				
Rice		280.16	211	13,706.63	A
Rice, Wild		0.96	1	52.00	A
Rights Of Way		942.14			
		7.88	7	98.00	A
		2.78	8	800.00	U
Total Pounds On This Commodity	952.80				
Ryegrass		11.31	7	428.00	A
Safflower		14.62	18	744.00	A
Soil Fumigation/Preplant		113.29	76	2,841.00	A
Sorghum (Forage - Fodder)		6.43	5	287.00	A
Sorghum/Milo		0.86	1	31.00	A
Soybean		1.09	1	59.00	A
Spinach		0.08	1	7.00	A
Squash		6.16	11	166.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry	18.85	23	483.00	A
Structural Pest Control	4.48			
Sudangrass	12.56	23	880.49	A
Sunflower	77.22	37	1,694.84	A
Swiss Chard	0.37	3	21.50	A
Tangelo	16.32	6	163.15	A
Tangerine	347.85	150	2,949.44	A
Tomato	68.55	49	1,850.40	A
Tomato, Processing	947.47	419	32,870.67	A
Turf/Sod	1.15	4	105.00	A
Turnip	0.55	1	19.88	A
Uncultivated Ag	421.90	315	15,140.12	A
Uncultivated Non-Ag	806.87	43	1,762.43	A
Walnut	1,157.07	658	18,388.14	A
Water Area	12.89	29	188.77	A
Watermelon	15.27	29	628.18	A
Wheat	259.68	189	9,834.91	A
Wheat (Forage - Fodder)	73.07	86	3,612.58	A
Chemical Total	34,081.70	19,797		
ALPHA-(PARA-TERT-BUTYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE				
Alfalfa	3,156.58	1,173	59,602.46	A
Almond	1,299.91	75	4,929.10	A
Apple	255.85	16	293.50	A
Apricot	10.96	2	34.00	A
Asparagus	9.58	16	811.00	A
Bean, Dried	51.79	11	943.59	A
Bean, Succulent	38.00	7	509.18	A
Blackberry	8.99	6	37.20	A
Brussels Sprout	0.46	4	70.00	A
Cabbage	0.23	1	7.00	A
Cantaloupe	6.71	4	142.09	A
Carrot	38.61	14	1,195.00	A
Cauliflower	0.15	1	5.00	A
Cherry	5.42	2	2.63	A
Corn (Forage - Fodder)	213.07	118	6,441.19	A
Corn, Grain	5.85	1	90.60	A
Corn, Human Consumption	89.48	205	5,692.80	A
Cotton	493.93	169	6,707.19	A
Grape	560.14	91	2,793.40	A
Grape, Wine	106.84	20	672.30	A
Landscape Maintenance	0.06			
Melon	13.91	33	485.51	A
Mint	14.73	3	162.00	A
N-Outdr Plants In Containers	61.57	17	80.00	A
Olive	5.16	1	15.00	A
Onion, Dry	33.40	8	556.40	A
Pastureland	3.56	2	50.00	A
Pear	27.29	3	75.00	A
Pistachio	14.60	2	41.00	A
Pomegranate	41.26	2	128.00	A
Prune	64.36	4	399.00	A
Pumpkin	2.18	3	209.00	A
Radish	0.18	1	5.50	A
Rangeland	0.64		8.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Raspberry		190.83	20	772.00	A
Rights Of Way		22.18			
Sorghum (Forage - Fodder)		1.29	1	20.00	A
Sorghum/Milo		3.43	2	64.30	A
Squash		0.64	1	31.00	A
Squash, Winter		1.24	2	119.00	A
Strawberry		6,284.94	510	16,756.31	A
Sugarbeet		190.84	25	2,623.00	A
Swiss Chard		0.01	1	0.45	A
Tomato		1.53	1	95.00	A
Tomato, Processing		58.30	49	2,484.00	A
Uncultivated Ag		2.42	1	75.00	A
Walnut		88.97	12	215.00	A
Watermelon		10.29	4	131.00	A
Wheat		59.34	13	986.93	A
Chemical Total		13,551.72	2,657		
CACODYLIC ACID					
Landscape Maintenance		0.25			
Chemical Total		0.25			
CADMIUM CHLORIDE					
Landscape Maintenance		0.42			
N-Grnhs Flower		0.03	2	5.00	A
N-Grnhs Plants In Containers		0.05	4	117,144.00	S
N-Outdr Flower		0.08	1	150,000.00	S
		0.06	2	5.50	A
Total Pounds On This Commodity	0.13				
N-Outdr Plants In Containers		0.01	3	6,000.00	S
N-Outdr Transplants		< 0.01	1	1.00	A
Chemical Total		< 0.01	13		
CADMIUM SEBACATE					
Landscape Maintenance		0.40	1	1.00	A
Chemical Total		0.40	1		
CALCIUM ACID METHANEARSONATE					
Landscape Maintenance		3.73			
N-Grnhs Plants In Containers		< 0.01	1	100.00	U
Structural Pest Control		0.02			
Turf/Sod		28.59		100.00	P
Chemical Total		32.34	1		
CALCIUM CARBONATE					
Carrot		56,526.40		462,900.00	T
Landscape Maintenance		2,744.00			
Tomato, Processing		8,232.00		17,300.00	U
Chemical Total		67,502.40			
CALCIUM CHLORIDE					
Alfalfa		902.37	830	44,227.02	A
Almond		2,430.70	309	27,510.05	A
Apple		174.60	79	1,808.81	A

Department of Pesticide Regulation
2009 Annual Statewide Pesticide Use Report
Indexed by Chemical

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apricot	4.28	5	54.00	A
Artichoke, Globe	24.60	39	483.10	A
Asian Pear	0.26	1	5.00	A
Asparagus	17.00	16	732.00	A
Bean, Dried	30.18	35	2,088.70	A
Bean, Succulent	3.20	5	145.00	A
Cabbage	0.89	2	11.00	A
Cantaloupe	2.42	4	130.70	A
Cardoon	0.08	1	3.00	A
Carrot	11.97	21	358.10	A
Cherry	136.27	52	1,081.60	A
Corn (Forage - Fodder)	107.31	97	4,097.19	A
Corn, Human Consumption	364.74	662	21,261.40	A
Cotton	94.15	66	3,755.10	A
Cucumber	0.98	3	185.50	A
Garlic	18.65	9	885.00	A
Grape	208.02	63	3,362.17	A
Grape, Wine	433.74	264	7,839.04	A
Landscape Maintenance	1.62			
Lettuce, Head	1.57	3	81.00	A
Lettuce, Leaf	0.14	1	11.00	A
Melon	0.79	2	150.00	A
N-Outdr Plants In Containers	2.55	47	89.75	A
Nectarine	1.58	6	32.00	A
Oat (Forage - Fodder)	2.10	1	200.00	A
Olive	12.31	6	187.10	A
Onion, Dry	1.79	1	170.00	A
Onion, Green	1.17	7	37.50	A
Pastureland	0.14	1	17.00	A
Peach	5.98	10	77.00	A
Pear	0.31	1	2.00	A
Peas	0.91	2	145.00	A
Pepper, Fruiting	4.17	8	308.00	A
Pistachio	51.23	15	1,177.67	A
Plum	93.16	11	464.12	A
Pomegranate	18.37	1	70.00	A
Potato	13.22	5	436.50	A
Pumpkin	1.21	7	164.00	A
Rice	218.93	119	6,539.17	A
Rights Of Way	49.07			
Soil Fumigation/Preplant	0.80	1	38.00	A
Soybean	0.62	1	59.00	A
Spinach	0.09	1	7.23	A
Squash	0.01	1	1.00	A
Strawberry	2.10	1	40.00	A
Sunflower	24.26	41	2,652.30	A
Tangerine	3.15	1	15.00	A
Tomato	13.33	10	517.50	A
Tomato, Processing	419.49	417	26,306.70	A
Uncultivated Ag	27.61	18	846.00	A
Uncultivated Non-Ag	0.42	1	20.00	A
Walnut	409.89	212	5,289.10	A
Watermelon	0.32	2	15.00	A
Wheat	2.72	3	245.00	A
Chemical Total	6,353.49	3,527		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CALCIUM CYANIDE					
Strawberry		11.76	1	56.00	A
Chemical Total		11.76	1		
CALCIUM HYDROXIDE					
Almond		0.17	1	1.00	A
Avocado		322.00	2	77.96	A
Cabbage		0.06	1	11.47	A
Carrot		267.09	10	580.64	A
Cherry		6,191.08	17	282.00	A
Citrus		4,318.75	19	201.00	A
Grape		27,197.02	52	2,169.53	A
Grape, Wine		2,096.03	10	280.48	A
Grapefruit		33,063.61	102	1,173.55	A
Landscape Maintenance		5.00	1	1.00	A
Lemon		113,340.27	310	5,977.02	A
Lime		135.00	2	3.00	A
N-Grnhs Plants In Containers		0.09	2	18,000.00	S
N-Grnhs Transplants		1.15	1	1.00	A
N-Outdr Plants In Containers		126.00	7	14.00	A
N-Outdr Transplants		1.04	1	0.75	A
Nectarine		4,356.00	33	484.00	A
Olive		64,580.00	118	2,517.50	A
Orange		3,621,224.34	6,329	150,507.99	A
Peach		4,469.49	46	496.61	A
Plum		1,947.60	13	216.40	A
Pluot		48.60	1	5.40	A
Pomelo		6,912.79	30	202.20	A
Prune		2,025.00	1	45.00	A
Tangelo		97,671.40	171	2,836.21	A
Tangerine		207,507.67	279	14,805.13	A
Walnut		1,068.65	9	89.50	A
Chemical Total		4,198,875.88	7,568		
CALCIUM HYPOCHLORITE					
Alfalfa		351.56	5	91.00	U
Bean, Unspecified		39,410.35	11	4,490.00	U
Citrus		365.84		86,080.00	T
Ditch Bank		121,980.14		1,248.00	U
		1,030.20		17.18	A
Total Pounds On This Commodity	123,010.34				
Grape, Wine		0.41	1	1.00	A
Landscape Maintenance		23,476.56			
		0.05	1	1.00	A
Total Pounds On This Commodity	23,476.61				
Mushroom		373.24	1,241	327.84	A
		59.15	136	280,467.08	S
Total Pounds On This Commodity	432.39				
N-Outdr Plants In Containers		48.96	1	7.00	A
Onion, Dry		82,060.23	355	23,065.00	A
Peas		2,609.16	11	990.00	U
Potato		4,225.00		23,710.00	T
Radish		1,258.35	11	479.00	U
Rights Of Way		1,824.44			
Spinach		0.02	1	0.92	A
Structural Pest Control		833.00			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		15,446.20		42,490.00	T
Vegetable		3,491.94		344.47	T
		3,181.23		6.00	A
		1,506.18		3.00	U
Total Pounds On This Commodity	8,179.35				
Water (Industrlial)		411.40		510.00	A
		357.00		4.00	U
Total Pounds On This Commodity	768.40				
Water Area		14,544.86		137.00	U
		408.00			
Total Pounds On This Commodity	14,952.86				
Chemical Total		319,253.47	1,774		
CALF'S MILK REPLACER					
Walnut		0.11	1	24.00	A
Chemical Total		0.11	1		
CANOLA OIL					
Alfalfa		2.48	2	300.10	A
Cotton		2.56	4	620.00	A
Landscape Maintenance		1.87			
N-Outdr Plants In Containers		3.30	10	8,140.00	S
		0.13	2	388.00	U
Total Pounds On This Commodity	3.44				
Structural Pest Control		2.57			
Tomato, Processing		2.91	5	617.50	A
Water Area		1.24	1	3.00	A
Chemical Total		17.08	24		
CAPRYLIC ACID					
N-Grnhs Plants In Containers		0.01	1	0.03	A
Chemical Total		0.01	1		
CAPSICUM OLEORESIN					
Grape, Wine		0.10	1	11.18	A
Landscape Maintenance		0.84			
N-Grnhs Transplants		< 0.01	1	0.18	A
N-Outdr Plants In Containers		0.18	7	12.96	A
Pepper, Fruiting		0.02	3	2.00	A
Structural Pest Control		0.02			
Tangelo		0.15	1	12.00	A
Uncultivated Ag		0.01	4	11.00	A
Walnut		0.29	38	275.50	A
Chemical Total		1.62	55		
CAPTAN					
Almond		25,447.79	192	10,330.74	A
Apple		87.58	7	52.00	A
Bean, Dried		19.05		9,000.00	U
Blueberry		911.33	14	381.00	A
Cherry		0.02	1	2.00	U
Commodity Fumigation		25.93			
Fumigation, Other		66.74			
Grape		1,116.64	27	1,109.28	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine		64.34	2	66.30	A
Landscape Maintenance		305.47			
N-Grnhs Flower		444.06	60	453.82	A
		17.48	13	360,000.00	S
Total Pounds On This Commodity	461.55				
N-Grnhs Plants In Containers		7.84	15	3.06	A
		2.20	11	766,364.00	S
		0.06		56.00	U
Total Pounds On This Commodity	10.10				
N-Grnhs Transplants		9.05	16	4.83	A
		3.35	5	21,600.00	S
Total Pounds On This Commodity	12.41				
N-Outdr Flower		33.05	16	37.09	A
N-Outdr Plants In Containers		377.20	18	179.70	A
		34.11	49	1,181,848.00	S
Total Pounds On This Commodity	411.30				
N-Outdr Transplants		5,310.46	127	2,024.03	A
		106.08	1	2,922,473.00	U
		0.09	1	2,208.00	S
Total Pounds On This Commodity	5,416.63				
Nectarine		238.17	16	88.61	A
Peach		1,053.24	22	344.40	A
		0.22	1	10.00	U
Total Pounds On This Commodity	1,053.46				
Pear		0.01	1	5.00	U
Plum		536.66	11	197.00	A
		43.66	3	25.00	U
Total Pounds On This Commodity	580.32				
Prune		38,942.86	333	14,337.40	A
Research Commodity		0.10			
Soil Fumigation/Preplant		4.89	1	2.03	A
Strawberry		249,939.87	4,269	141,681.28	A
Sudangrass		165.22		158,901.00	C
Vertebrate Control		149.15	1	122.00	A
Chemical Total		325,463.99	5,233		
CAPTAN, OTHER RELATED					
Almond		622.76	192	10,330.74	A
Apple		1.98	7	52.00	A
Bean, Dried		0.43		9,000.00	U
Blueberry		20.72	14	381.00	A
Cherry		< 0.01	1	2.00	U
Commodity Fumigation		0.59			
Fumigation, Other		1.52			
Grape		24.95	27	1,109.28	A
Grape, Wine		1.42	2	66.30	A
Landscape Maintenance		7.03			
N-Grnhs Flower		9.99	60	453.82	A
		0.39	13	360,000.00	S
Total Pounds On This Commodity	10.38				
N-Grnhs Plants In Containers		0.18	15	3.06	A
		0.05	11	766,364.00	S
		< 0.01		56.00	U
Total Pounds On This Commodity	0.23				
N-Grnhs Transplants		0.20	16	4.83	A
		0.08	5	21,600.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	0.28				
N-Outdr Flower		0.77	16	37.09	A
N-Outdr Plants In Containers		8.50	18	179.70	A
		0.77	49	1,181,848.00	S
Total Pounds On This Commodity	9.26				
N-Outdr Transplants		120.02	127	2,024.03	A
		2.40	1	2,922,473.00	U
		< 0.01	1	2,208.00	S
Total Pounds On This Commodity	122.42				
Nectarine		5.36	16	88.61	A
Peach		23.82	22	344.40	A
		< 0.01	1	10.00	U
Total Pounds On This Commodity	23.82				
Pear		< 0.01	1	5.00	U
Plum		12.09	11	197.00	A
		0.93	3	25.00	U
Total Pounds On This Commodity	13.02				
Prune		920.73	333	14,337.40	A
Research Commodity		< 0.01			
Soil Fumigation/Preplant		0.11	1	2.03	A
Strawberry		5,609.36	4,267	141,631.28	A
Sudangrass		3.76		158,901.00	C
Vertebrate Control		3.36	1	122.00	A
Chemical Total		7,404.25	5,231		
CARBARYL					
Alfalfa		92.98	2	76.30	A
Almond		65.76	3	33.00	A
Animal Premise		16.00		4.00	U
Apple		10,308.02	204	5,522.24	A
Apricot		61.49	7	31.21	A
Asparagus		906.21	48	851.03	A
Barley		44.00	2	44.00	A
Bean, Dried		94.50	5	182.00	A
Bean, Succulent		227.75	5	182.00	A
		0.99		1.00	P
Total Pounds On This Commodity	228.74				
Bean, Unspecified		20.00	1	10.00	A
Blackberry		1.60	3	0.84	A
Blueberry		103.97	1	52.00	A
Bok Choy		12.60	2	7.00	A
Broccoli		38.19	5	61.00	A
Cabbage		44.92	8	44.51	A
Cactus Pear		1,296.44	34	634.70	A
Cantaloupe		5,113.12	132	8,567.86	A
Cauliflower		40.00	2	20.00	A
Celery		1,271.58	58	738.46	A
Cherry		5,958.30	34	1,014.77	A
Chinese Cabbage (Nappa)		37.76	20	25.33	A
Christmas Tree		18.00	1	18.00	A
Citrus		63.10	4	80,261.00	U
		1.08	3	700.00	S
Total Pounds On This Commodity	64.18				
Corn (Forage - Fodder)		1,289.74	36	2,084.50	A
Corn, Grain		20.84	1	52.10	A
Corn, Human Consumption		1,229.12	48	675.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton		92.45	2	172.00	A
Cucumber		174.06	7	184.06	A
Forage Hay/Silage		225.00	1	225.00	A
Forest, Timberland		294.59	6	514.00	A
Fumigation, Other		11.69			
Grape		68.01	42	252.73	A
Grape, Wine		173.88	12	163.60	A
Grapefruit		792.60	7	72.80	A
Landscape Maintenance		1,944.03			
		130.89	2	31.00	A
Total Pounds On This Commodity	2,074.92				
Lemon		1,249.19	4	132.50	A
Lettuce, Head		424.02	53	1,459.60	A
Lettuce, Leaf		10.80	1	27.00	A
		0.99		1.00	P
Total Pounds On This Commodity	11.79				
Melon		1,966.36	61	2,878.40	A
N-Grnhs Flower		0.04	2	0.89	A
N-Grnhs Plants In Containers		53.82	9	519,737.00	S
		20.87	43	16.27	A
Total Pounds On This Commodity	74.69				
N-Grnhs Transplants		65.25	10	33.92	A
		0.03	1	1.00	U
Total Pounds On This Commodity	65.28				
N-Outdr Flower		76.57	11	91.00	A
		0.22	2	8,000.00	S
		0.16	1	187.00	U
Total Pounds On This Commodity	76.96				
N-Outdr Plants In Containers		1,377.26	497	1,737.50	A
		5.92	88	12,409.00	U
		1.01	7	39,510.00	S
Total Pounds On This Commodity	1,384.20				
N-Outdr Transplants		164.82	54	341.79	A
		4.16	1	75,000.00	U
Total Pounds On This Commodity	168.98				
Nectarine		997.26	26	335.19	A
Olive		5,938.32	37	1,512.30	A
Orange		22,221.27	108	2,470.49	A
Pastureland		80.00	2	160.00	A
Peach		1,519.38	49	462.68	A
Pear		3,906.70	35	1,614.30	A
Pepper, Fruiting		1,022.54	39	1,433.56	A
Pistachio		5,754.33	51	4,318.35	A
Plum		1,111.50	19	420.33	A
Potato		1,057.49	30	890.80	A
Pumpkin		25.61	6	40.20	A
Radish		10.94	2	11.00	A
Rangeland		396.50	2	25.00	A
Research Commodity		80.00	2	80.00	A
		6.26			
Total Pounds On This Commodity	86.26				
Rice		477.54	7	530.50	A
Rights Of Way		235.31			
Safflower		18.75	1	7.00	A
Squash		135.45	6	143.50	A
Strawberry		2,891.46	75	2,035.94	A
Structural Pest Control		1,809.63			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sudangrass		1.28	1	17.00	A
Sugarbeet		50.00	1	50.00	A
Sunflower		38.58	1	64.30	A
Sweet Potato		45.00	3	17.00	A
Swiss Chard		< 0.01	1	4.77	A
Tangerine		651.30	7	56.40	A
Tomato		1,789.16	68	1,571.40	A
Tomato, Processing		39,851.37	628	56,426.26	A
Uncultivated Ag		3.25	2	6.00	A
Uncultivated Non-Ag		38.75	2	17.00	A
Walnut		41.96	1	24.00	A
Watermelon		1,067.02	39	1,603.54	A
Chemical Total		130,980.70	2,844		
CARBOFURAN					
Alfalfa		2,975.65	71	4,525.00	A
Grape, Wine		6,623.26	35	2,376.28	A
Chemical Total		9,598.91	106		
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT					
Almond		1.28	5	176.00	A
Apple		0.53	3	48.70	A
Apricot		< 0.01	1	0.10	A
Carrot		2.77	6	567.00	A
Cherry		1.99	27	228.31	A
Grape		10.34	25	1,528.00	A
Grape, Wine		121.71	1,494	19,439.32	A
Herb, Spice		0.27	14	69.00	A
Landscape Maintenance		0.06			
Lemon		0.27	2	10.00	A
Lettuce, Leaf		2.51	4	41.10	A
Nectarine		< 0.01	3	0.70	A
Orange		0.70	1	8.00	A
Peach		0.19	8	32.72	A
Plum		0.04	4	6.50	A
Stone Fruit		< 0.01	3	0.30	A
Strawberry		5.96	18	302.90	A
Tangelo		0.05	1	2.00	A
Tomato, Processing		14.62	3	295.00	A
Walnut		0.24	3	2.25	A
Chemical Total		163.56	1,625		
CARBON					
Almond		23.19	3	129.00	A
Avocado		0.03	1	1.00	A
Cherry		2.36	1	14.00	A
Grape		0.54	1	6.00	U
Grape, Wine		73.85	6	102.56	A
Landscape Maintenance		116.29			
		0.32	1	3.00	A
Total Pounds On This Commodity	116.60				
N-Outdr Flower		0.09	1	5.00	A
Oat (Forage - Fodder)		1.75	1	50.00	A
Pastureland			2	10,000.00	S
		1.02	9	103.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	1.02				
Pistachio		22.49	3	175.00	A
Rangeland		18.90	5	29.00	A
Regulatory Pest Control		0.67			
Rights Of Way		328.68			
Structural Pest Control		13.20			
Uncultivated Ag		6.69		25.00	A
Unknown			1	1,000.00	S
Vertebrate Control		949.40			
		11.20	2	8.00	U
Total Pounds On This Commodity	960.60				
Walnut		122.75	5	123.00	A
Chemical Total		1,693.40	42		
CARBON DIOXIDE					
Grape		7,401.00		3,046.01	T
		325.74		34,624.20	P
Total Pounds On This Commodity	< 0.01				
Chemical Total		7,726.73			
CARBON DISULFIDE					
N-Grnhs Flower		0.07	1	0.25	A
Chemical Total		0.07	1		
CARBON TETRACHLORIDE					
N-Grnhs Flower		0.34	1	0.25	A
Chemical Total		0.34	1		
CARBOPHENOTHION					
Onion, Dry		3.61	1	15.00	A
Chemical Total		3.61	1		
CARBOXIN					
Corn (Forage - Fodder)		98.91	1	97.00	A
N-Grnhs Plants In Containers		0.63	1	3,380.00	S
Onion, Dry		168.35		10,176.61	K
Wheat		296.49		974,000.00	P
Chemical Total		564.37	2		
CARFENTRAZONE-ETHYL					
Alfalfa		7.76	15	643.50	A
Almond		1,151.84	1,244	68,625.30	A
Apple		25.84	79	1,202.08	A
		0.74	1	28.00	U
Total Pounds On This Commodity	26.57				
Apricot		3.79	12	308.00	A
Avocado		0.03	1	22.00	A
Barley		82.99	57	4,189.01	A
Barley (Forage - Fodder)		18.39	20	1,053.00	A
Bean, Dried		48.89	42	2,059.30	A
Bean, Succulent		2.58	2	160.00	A
Bermudagrass		12.55	14	604.30	A
Blackberry		6.00	16	87.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Blueberry		5.89	7	256.85	A
Broccoli		0.57	1	19.60	A
Brussels Sprout		0.14	1	4.60	A
Cantaloupe		0.35	2	38.00	A
Carrot		7.14	2	244.00	A
Celery		1.76	4	60.00	A
Cherry		101.18	321	6,307.78	A
Clover		0.39	1	27.30	A
Corn (Forage - Fodder)		523.45	828	42,846.28	A
Corn, Grain		27.97	87	3,544.26	A
Corn, Human Consumption		90.70	98	4,371.60	A
Cotton		211.45	160	11,941.03	A
Fig		0.97	1	33.00	A
Forage Hay/Silage		71.13	83	5,194.70	A
Grape		174.65	284	10,549.30	A
Grape, Wine		876.09	1,421	54,220.44	A
Grapefruit		4.34	14	206.80	A
Kiwi		2.97	4	134.00	A
Landscape Maintenance		359.42			
		2.57	32	539.90	A
		0.08	4	54,000.00	S
Total Pounds On This Commodity	362.06				
Leek		0.15	1	5.00	A
Lemon		5.44	32	432.20	A
Lettuce, Head		1.91	5	65.00	A
Lettuce, Leaf		0.47	3	9.80	A
Melon		20.82	24	1,422.67	A
Mustard		0.12	1	13.00	A
N-Grnhs Flower		< 0.01		0.50	A
N-Outdr Plants In Containers		9.22	39	392.29	A
N-Outdr Transplants		0.85	4	91.00	A
Nectarine		36.03	55	1,362.35	A
Oat		194.74	285	13,281.34	A
Oat (Forage - Fodder)		1,193.98	1,674	75,213.09	A
Olive		115.47	153	5,004.89	A
Onion, Dry		4.26	2	156.00	A
Orange		90.21	277	5,368.03	A
Pastureland		58.13	32	3,156.50	A
Peach		75.05	151	3,071.95	A
Pear		45.87	55	1,631.59	A
Pecan		0.84	1	29.00	A
Pepper, Fruiting		6.20	12	276.75	A
Persimmon		1.30	5	80.00	A
Pistachio		241.03	269	12,828.39	A
Plum		37.23	94	2,129.19	A
Pluot		0.05	1	2.50	A
Pomegranate		327.55	102	11,549.46	A
Pomelo		0.22	2	10.00	A
Potato		22.25	7	465.30	A
Prune		32.02	53	1,983.19	A
Pumpkin		1.65	2	86.90	A
Quince		0.01	1	3.00	A
Rangeland		2.95	2	720.00	A
Raspberry		125.77	46	623.49	A
Recreation Area		0.10		1.00	A
Research Commodity		< 0.01			
Rice		1,303.56	163	13,225.06	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rice, Wild		127.25	14	678.20	A
Rights Of Way		212.64			
		0.83	3	56.00	A
Total Pounds On This Commodity	213.47				
Rye		1.98	5	161.00	A
Ryegrass		32.64	66	2,490.70	A
Soil Fumigation/Preplant		191.89	182	9,156.58	A
Sorghum (Forage - Fodder)		12.19	25	1,327.30	A
Sorghum/Milo		14.96	17	1,091.27	A
Structural Pest Control		3.23			
Sudangrass		2.08	5	217.00	A
Sugarcane		0.47	1	20.00	A
Sunflower		13.05	13	816.70	A
Tangelo		3.72	13	147.40	A
Tangerine		22.57	58	1,310.54	A
Timothy		1.43	1	49.00	A
Tomato		19.74	18	1,165.90	A
Tomato, Processing		332.53	227	19,151.06	A
Triticale		55.09	53	4,438.21	A
Turf/Sod		22.25	69	2,016.46	A
		1.14		4,086.00	T
		0.07	4	140,000.00	S
Total Pounds On This Commodity	23.46				
Uncultivated Ag		246.36	325	11,333.89	A
Uncultivated Non-Ag		2.32	10	124.00	A
Unknown		1.07	4	45.00	A
Vertebrate Control		1.15	2	99.01	A
Walnut		271.20	577	17,708.47	A
Watermelon		1.76	2	65.00	A
Wheat		1,095.01	899	56,921.05	A
Wheat (Forage - Fodder)		1,233.95	1,649	87,159.69	A
Chemical Total		11,704.62	12,653		
CASEIN					
Avocado		0.41	1	10.00	A
Blueberry		10.72	7	397.00	A
Broccoli		2.31	6	257.00	A
Carrot		104.40	143	7,990.70	A
Cauliflower		0.41	3	46.00	A
Cherry		1.35	2	40.00	A
Citrus		10.60	13	142.50	A
Cotton		22.80	1	152.00	A
Grape, Wine		0.39	1	12.00	A
Grapefruit		82.91	35	373.65	A
Lemon		477.02	240	5,046.94	A
Nectarine		1.88	4	72.50	A
Olive		368.93	84	3,447.00	A
Orange		5,727.69	1,978	44,007.21	A
Peach		3.21	7	57.62	A
Plum		4.81	7	73.70	A
Pomelo		8.58	9	64.00	A
Potato		65.59	20	869.95	A
Tangelo		192.44	72	1,546.95	A
Tangerine		728.74	149	10,773.10	A
Tomato, Processing		175.06	8	1,244.90	A
Chemical Total		7,990.26	2,790		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CASTOR OIL					
Landscape Maintenance		4.31			
Lettuce, Leaf		11.92	1	11.89	A
Structural Pest Control		4.59			
Chemical Total		20.82	1		
CASTOR OIL ETHOXYLATE					
Alfalfa		213.57	54	2,732.10	A
Almond		1,717.12	254	10,253.43	A
Apple		< 0.01	2	0.70	A
Bean, Dried		43.37	17	1,009.00	A
Bean, Succulent		20.27	11	524.00	A
Cantaloupe		13.83	5	335.00	A
Cherry		163.99	10	423.98	A
Chestnut		0.23	1	7.50	A
Corn (Forage - Fodder)		144.99	63	2,664.26	A
Cotton		34.01	23	675.74	A
Fig		6.15	2	90.00	A
Grape		0.73	2	77.50	A
Grape, Wine		8.86	4	122.50	A
Landscape Maintenance		0.82			
Oat (Forage - Fodder)		1.85	5	121.00	A
Olive		35.35	2	115.00	A
Peach		17.04	23	154.76	A
Pistachio		46.21	9	391.03	A
Pomegranate		5.74	2	70.00	A
Prune		94.94	15	827.00	A
Rice		528.68	196	15,220.85	A
		37.38	9	915.98	U
Total Pounds On This Commodity	566.06				
Rights Of Way		32.79			
Strawberry		16.76	1	327.00	A
Sunflower		33.04	9	653.50	A
Tomato		2.02	1	70.00	A
Tomato, Processing		11.14	5	293.00	A
Uncultivated Ag		21.82	14	709.00	A
Walnut		250.77	74	1,923.31	A
Wheat (Forage - Fodder)		0.60	2	116.20	A
Chemical Total		3,504.07	815		
CHENOPODIUM AMBROSIODES NEAR AMBROSIODES					
Almond		1,153.83	13	758.02	A
Broccoli		32.91	5	35.40	A
Cabbage		233.82	6	5.82	A
Cantaloupe		344.00	4	493.50	A
Cauliflower		64.71	10	74.60	A
Chinese Cabbage (Nappa)		349.75	4	5.42	A
Collard		184.20	2	3.27	A
Cucumber		5.84	5	6.42	A
Eggplant		1.39	1	1.50	A
Grape		1,507.24	35	1,137.69	A
Grape, Wine		1,678.10	62	1,384.39	A
Kale		22.66	5	17.99	A
Leek		12,097.45	70	121.40	A
Lemon		3.72	1	2.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Head		137.41	6	83.30	A
Lettuce, Leaf		800.82	37	121.55	A
N-Outdr Plants In Containers		16.74	1	1.50	A
Onion, Dry		19.71	2	21.00	A
Pepper, Fruiting		737.41	23	780.65	A
Pepper, Spice		1.51	7	1.34	A
Pumpkin		2.79	3	1.50	A
Research Commodity		0.61			
		0.51	8	0.80	A
Total Pounds On This Commodity	1.12				
Squash		0.17	2	0.28	A
Tangerine		3.72	1	2.00	A
Tomato		0.46	1	0.50	A
Tomato, Processing		66.01	1	71.00	A
Walnut		1,179.83	16	698.83	A
Watermelon		286.68	12	211.24	A
Chemical Total		20,934.01	343		
CHLORAMBEN, AMMONIUM SALT					
Pepper, Fruiting		< 0.01	1	31.00	A
Chemical Total		< 0.01	1		
CHLORAMBEN, AMMONIUM SALT, OTHER RELATED					
Pepper, Fruiting		< 0.01	1	31.00	A
Chemical Total		< 0.01	1		
CHLORANTRANILIPROLE					
Almond		7,032.93	1,190	84,587.57	A
Apple		341.31	146	4,002.14	A
Apricot		24.90	22	344.82	A
Bok Choy		149.71	113	161.13	A
Broccoli		837.35	1,152	13,907.16	A
Brussels Sprout		68.60	63	1,113.87	A
Cabbage		675.71	649	5,018.29	A
Cantaloupe		56.78	20	1,180.80	A
Cardoon		1.24	11	18.60	A
Cauliflower		299.39	454	4,940.70	A
Celery		1,396.46	980	12,345.87	A
Cherry		3.15	2	34.00	A
Chicory		2.33	3	35.60	A
Chinese Cabbage (Nappa)		120.49	355	1,129.78	A
Collard		290.55	205	539.28	A
Cucumber		25.53	20	260.00	A
Dandelion Green		12.32	3	2.63	A
Eggplant		7.62	9	150.00	A
Endive (Escarole)		9.63	33	24.97	A
Fennel		0.17	1	2.20	A
Gai Lon		0.05	1	1.00	A
Grape		127.77	45	2,919.20	A
Grape, Wine		26.25	1	100.00	A
Kale		159.87	131	255.01	A
Kohlrabi		39.79	30	24.95	A
Landscape Maintenance		107.77			
		0.42	1	96,000.00	S
		0.10	1	1.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	108.29				
Lettuce, Head		2,584.73	2,129	29,833.55	A
Lettuce, Leaf		847.85	1,057	10,406.05	A
Melon		17.27	12	304.50	A
Mustard		139.52	128	293.36	A
N-Outdr Transplants		1.15	1	14.00	A
Nectarine		610.99	563	8,030.17	A
Parsley		90.36	35	58.46	A
Peach		1,219.58	931	15,403.71	A
Pear		186.83	93	1,997.65	A
Pepper, Fruiting		587.21	326	9,209.94	A
Pepper, Spice		0.07	1	1.00	A
Pistachio		1,914.36	91	8,247.56	A
Plum		297.37	188	3,801.78	A
Prune		35.46	13	476.00	A
Pumpkin		2.50	5	30.00	A
Quince		2.59	5	39.00	A
Radicchio		22.76	11	130.23	A
Rappini		1.34	4	24.30	A
Rights Of Way		0.66	1	5.00	A
Spinach		120.24	231	1,447.11	A
Squash		4.29	8	50.00	A
Squash, Summer		1.05	2	14.10	A
Squash, Winter		1.68	1	24.69	A
Structural Pest Control		0.18	1	2.00	A
		0.09			
Total Pounds On This Commodity	0.26				
Swiss Chard		406.41	225	355.68	A
Tomato		733.01	280	11,798.55	A
Tomato, Processing		4,232.28	707	69,107.95	A
Turf/Sod		23.24	7	111.00	A
Walnut		643.70	232	7,645.29	A
Watermelon		119.26	29	1,840.32	A
Chemical Total		26,666.17	12,958		
CHLORDANE					
Landscape Maintenance		5.15	1	8.00	A
N-Outdr Plants In Containers		0.56	1	1,000.00	S
Chemical Total		5.71	2		
CHLORFENAPYR					
Commodity Fumigation		0.12	1	25,200.00	S
Eggplant		0.31	2	2.00	A
Household		< 0.01		3.00	A
Landscape Maintenance		13.14			
		0.92	3	60.00	A
Total Pounds On This Commodity	14.06				
N-Grnhs Flower		25.64	106	169.63	A
		6.32	63	1,508,624.00	S
Total Pounds On This Commodity	31.96				
N-Grnhs Plants In Containers		23.05	128	204.85	A
		8.82	103	3,055,817.00	S
		0.06	1	20,000.00	U
Total Pounds On This Commodity	31.94				
N-Outdr Flower		28.07	58	122.93	A
		0.20	4	66,736.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	28.27				
N-Outdr Plants In Containers		5.13	35	34.04	A
		3.12	24	1,088,720.00	S
Total Pounds On This Commodity	8.25				
N-Outdr Transplants		0.08	1	1.00	A
Pepper, Fruiting		0.16	2	1.06	A
Pepper, Spice		0.06	7	0.74	A
Regulatory Pest Control		1.29			
Research Commodity		4.18	9	27.29	A
		2.05			
Total Pounds On This Commodity	6.24				
Rights Of Way		0.18			
Structural Pest Control		5,098.87			
		0.05	1	10.00	A
Total Pounds On This Commodity	5,098.91				
Tomato		0.17	7	2.00	A
Watermelon		< 0.01	1	0.10	A
Chemical Total		< 0.01	556		
CHLORFLURENOL, METHYL ESTER					
Landscape Maintenance		97.59			
Rights Of Way		2.28			
Structural Pest Control		1.15			
Chemical Total		101.02			
CHLORINE					
Carrot		212,930.00		462,900.00	T
Lettuce, Head		5.64	1	21.75	A
Rights Of Way		10.30			
Tomato, Processing		35,820.00		115,800.00	T
		1,194.00		8,650.00	U
Total Pounds On This Commodity	37,014.00				
Water (Industrlial)		314,221.00		149,443.00	U
Water Area		17,910.00		6,139.00	U
		3,582.00		24,622.00	A
Total Pounds On This Commodity	21,492.00				
Chemical Total		585,672.93	1		
CHLORINE DIOXIDE					
Animal Premise		93.48		11.00	U
		9.35	7	175,750.00	S
Total Pounds On This Commodity	< 0.01				
Chemical Total		102.83	7		
CHLORMEQUAT CHLORIDE					
N-Grnhs Flower		48.96	93	2,197,838.00	S
		10.95	41	12.97	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		221.22	431	6,334,048.00	S
		217.12	486	435.65	A
		0.14	1	2,400.00	U
Total Pounds On This Commodity	438.48				
N-Grnhs Transplants		28.02	191	2,226,260.00	S
		14.43	4	11.60	A
Total Pounds On This Commodity	42.46				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Flower		34.52	74	566,240.00	S
		5.97	9	9.03	A
Total Pounds On This Commodity	40.49				
N-Outdr Plants In Containers		64.62	154	79.47	A
		4.70	31	169,570.00	S
		< 0.01	1	100.00	U
Total Pounds On This Commodity	69.33				
N-Outdr Transplants		12.67	32	21.02	A
		0.03	1	800.00	S
		0.03	1	1,600.00	U
Total Pounds On This Commodity	12.73				
Uncultivated Ag		0.20	1	0.25	A
Chemical Total		663.58	1,551		
1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIA ADAMANTANE CHLORIDE					
Structural Pest Control		46.67			
Chemical Total		46.67			
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE					
Landscape Maintenance		466.02			
Rights Of Way		0.86			
Structural Pest Control		139.75			
Unknown		0.94		10.00	U
Water (Industrlial)		1,967.77		400.00	U
		609.55		126.00	A
Total Pounds On This Commodity	2,577.32				
Chemical Total		3,184.89			
CHLORONEB					
Bean, Dried		1,313.11		556.65	T
		525.18		445,400.00	P
		285.15		2,018.00	C
Total Pounds On This Commodity	< 0.01				
Commodity Fumigation		88.46			
Cotton		1,221.30		200.30	T
Landscape Maintenance		5.20			
Chemical Total		3,438.41			
CHLOROPHACINONE					
Alfalfa		< 0.01	1	25.00	A
Almond		0.13	19	1,483.50	A
Animal Premise		1.96		34.00	U
Artichoke, Globe		3.73	143	4,680.50	A
Avocado		0.01	35	415.00	A
Brussels Sprout		< 0.01	9	313.14	A
Cherry		< 0.01	1	5.00	A
Corn (Forage - Fodder)		< 0.01	1	10.00	A
Corn Salad		< 0.01	1	2.70	A
Fig		< 0.01	1	40.00	A
Forage Hay/Silage		< 0.01		2.00	A
Forest, Timberland		< 0.01	1	16.00	A
Grape		< 0.01	9	241.58	A
Grape, Wine		0.51	266	4,710.09	A
Landscape Maintenance		1.17			
		< 0.01	1	78.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	1.17				
Lemon		0.07	47	879.25	A
Lime		< 0.01	1	1.00	A
N-Grnhs Plants In Containers		< 0.01	1	0.50	A
N-Outdr Flower		< 0.01	3	13.00	A
N-Outdr Plants In Containers		0.01	16	268.00	A
Orange		0.03	32	354.00	A
Pastureland		< 0.01	4	10.00	A
Peach		< 0.01	3	41.50	A
Pear		< 0.01	1	27.00	A
Pistachio		0.08	19	468.00	A
Poultry		1.86		68.00	U
Rangeland		0.03	2	650.00	A
Rights Of Way		0.50			
		< 0.01	1	10.00	A
Total Pounds On This Commodity	0.50				
Structural Pest Control		1.54			
Tangerine		< 0.01	3	81.50	A
Tomato, Processing		0.06	3	60.00	A
Turf/Sod		< 0.01		2.00	A
Uncultivated Ag		0.07	15	1,425.74	A
Uncultivated Non-Ag		< 0.01	1	160.00	A
Vertebrate Control		1.08			
Walnut		0.06	16	965.63	A
Chemical Total		12.95	656		
CHLOROPICRIN					
Almond		12,646.02	73	1,632.36	A
		648.52	36	3,204.00	U
Total Pounds On This Commodity	< 0.01				
Apricot		3.81	3	7.00	A
Asparagus		1,629.88	1	10.00	A
Blackberry		11,365.33	7	76.70	A
Blueberry		2,879.89	5	33.40	A
Broccoli		1,439.78	1	7.70	A
Cabbage		5,319.10	5	55.30	A
Carrot		5,540.61	4	143.90	A
Celery		284.14	1	1.90	A
Cherry		2,003.13	61	6,283.00	U
		1,374.31	19	143.88	A
Total Pounds On This Commodity	3,377.44				
Commodity Fumigation		817.74			
Eggplant		2,710.68	3	39.50	A
Fumigation, Other		0.09			
Grain		18,097.25	3	115.50	A
Grape, Wine		3,684.61	10	103.77	A
Grass, Seed		72.00	3	9.00	A
Kiwi		8.25	1	33.00	U
Landscape Maintenance		29.46			
Lettuce, Head		28,008.09	4	76.90	A
Lettuce, Leaf		302.28	1	1.40	A
Melon		108.79	2	2.80	A
N-Grnhs Transplants		481.38	2	3.50	A
N-Outdr Flower		13,748.98	37	148.85	A
N-Outdr Plants In Containers		51,201.12	34	477.05	A
		0.20	1	12.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	51,201.32				
N-Outdr Transplants		174,138.55	107	1,489.00	A
		214.17	4	1,080.40	U
		12.72	2	2,944.00	S
Total Pounds On This Commodity	174,365.44				
Nectarine		6,182.29	8	53.60	A
Orchard Floor		74.02	1	20.00	A
Peach		44,380.76	16	248.60	A
Pepper, Fruiting		71,181.34	40	1,066.97	A
Plum		1,666.59	3	14.00	A
Prune		260.25	4	165.00	A
Raspberry		221,588.11	122	1,536.00	A
Research Commodity		346.50	1	3.50	A
Rights Of Way		1,287.00			
Rye		6,900.94	1	43.50	A
Soil Fumigation/Preplant		843,081.03	369	7,017.22	A
		87.19	3	8,176.00	U
		51.88	2	10,761.00	S
		0.19		576.00	K
Total Pounds On This Commodity	843,220.29				
Spinach		941.46	1	6.20	A
Strawberry		3,950,176.11	1,364	27,771.42	A
Structural Pest Control		3,808.40			
Sweet Potato		3,659.00	6	33.97	A
Tomato		91,125.36	43	1,092.65	A
Turf/Sod		7,789.06	8	80.70	A
Uncultivated Ag		11,755.90	10	205.42	A
Uncultivated Non-Ag		24.37	2	24.00	A
Walnut		13,814.25	57	2,006.50	A
		5,329.76	150	10,443.00	U
Total Pounds On This Commodity	19,144.01				
Watercress		2.55	1	1.00	A
Watermelon		59,418.61	24	1,084.15	A
Wheat		2,065.80	1	17.90	A
Chemical Total		5,685,769.63	2,667		
CHLOROTHALONIL					
Almond		98,458.17	593	34,267.89	A
Apricot		1,386.07	16	533.25	A
Bean, Dried		44.55	1	30.00	A
Bean, Unspecified		150.35	4	100.00	A
Bermudagrass		130.15	3	100.00	A
Broccoli		2,429.63	244	2,302.16	A
Brussels Sprout		3,217.11	166	2,274.10	A
Cabbage		2,814.73	400	2,462.34	A
Cantaloupe		20.89	1	20.00	A
Carrot		21,335.88	309	17,357.86	A
Cauliflower		721.93	73	759.49	A
Celery		31,236.30	1,151	16,889.44	A
Cherry		433.51	7	265.00	A
Chinese Cabbage (Nappa)		424.43	75	222.33	A
Collard		20.24	1	18.00	A
Corn, Grain		97.57	1	52.10	A
Corn, Human Consumption		4.51	1	8.00	A
Cucumber		6,418.19	125	4,352.97	A
Gai Lon		258.64	65	369.98	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Garbanzo Bean		557.33	4	370.00	A
Garlic		70.26	4	69.65	A
Landscape Maintenance		77,117.75			
		870.48	30	558.30	A
		126.01	6	588,000.00	S
Total Pounds On This Commodity	78,114.24				
Leek		5,412.62	152	446.53	A
Lettuce, Leaf		8.46	1	13.50	A
Melon		103.97	6	70.00	A
Mushroom		0.62	1	5,000.00	S
N-Grnhs Flower		2,027.31	609	1,237.21	A
		88.04	91	3,002,132.00	S
		0.05		1,500.00	U
Total Pounds On This Commodity	2,115.40				
N-Grnhs Plants In Containers		571.66	422	586.72	A
		358.96	374	5,665,118.00	S
		2.13	12	162,680.00	U
Total Pounds On This Commodity	932.74				
N-Grnhs Transplants		802.54	211	710.73	A
		60.02	78	1,703,940.00	S
Total Pounds On This Commodity	862.56				
N-Outdr Flower		7,005.90	1,454	6,556.76	A
		110.91	74	2,356,860.00	S
Total Pounds On This Commodity	7,116.81				
N-Outdr Plants In Containers		4,076.30	931	2,756.92	A
		421.88	119	4,107,413.00	S
		25.92	15	105,768.00	U
Total Pounds On This Commodity	4,524.11				
N-Outdr Transplants		8,028.37	971	9,236.27	A
		1,606.20	18	6,430,090.00	U
		491.46	236	11,657,609.92	S
Total Pounds On This Commodity	10,126.02				
Nectarine		886.12	14	150.10	A
Onion, Dry		56,008.05	848	48,428.47	A
Onion, Green		411.01	22	342.61	A
Parsnip		45.05	3	39.00	A
Peach		5,430.26	109	1,984.54	A
Peas		36.17	2	24.00	A
Plum		1,888.15	40	657.70	A
Potato		43,744.45	600	41,420.87	A
Prune		15,530.77	152	5,657.90	A
Pumpkin		815.91	18	524.50	A
Research Commodity		62.84			
		12.32	6	16.73	A
Total Pounds On This Commodity	75.16				
Rights Of Way		21.82			
		14.10	1	5.00	A
Total Pounds On This Commodity	35.92				
Soil Fumigation/Preplant		86.44	2	76.51	A
Spinach		54.24	2	68.00	A
Squash		67.17	4	57.50	A
		0.09	1	150.00	S
Total Pounds On This Commodity	67.27				
Squash, Summer		26.97	4	20.80	A
Squash, Winter		200.48	4	108.00	A
Strawberry		2,726.37	47	2,315.23	A
Structural Pest Control		232.32			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		45,965.49	679	27,971.56	A
		69.68	4	88,336.00	S
Total Pounds On This Commodity	46,035.17				
Tomato, Processing		251,914.79	1,920	135,792.08	A
Turf/Sod		2,115.67	27	567.23	A
		252.85		480,000.00	U
		213.52	8	1,178,000.00	S
Total Pounds On This Commodity	2,582.04				
Unknown		380.49	18	49.00	A
Walnut		9.31	1	3.50	A
Watermelon		354.50	10	181.85	A
Chemical Total		709,125.38	13,601		
3-CHLORO-P-TOLUIDINE HYDROCHLORIDE					
Regulatory Pest Control		0.19			
Vertebrate Control		0.35			
Chemical Total		0.54			
CHLORPROPHAM					
Potato		4,058.19		127,512.71	T
		76.09		77,654.00	C
Total Pounds On This Commodity	< 0.01				
Chemical Total		4,134.28			
CHLORPYRIFOS					
Alfalfa		171,452.15	5,280	317,288.92	A
Almond		330,408.68	1,764	135,027.87	A
Animal Premise		0.88		0.25	A
Apple		5,624.43	163	3,134.23	A
Asparagus		4,268.77	107	4,591.86	A
Avocado		17.55	3	31.00	A
Bean, Dried		828.25		9,451.00	C
		762.08		705.00	T
		482.95	27	486.50	A
		187.28		346,400.00	P
Total Pounds On This Commodity	2,260.55				
Bean, Succulent		501.91	30	530.60	A
Bean, Unspecified		89.45		317,250.00	U
		9.39	1	10.00	A
Total Pounds On This Commodity	98.84				
Bok Choy		515.11	248	602.63	A
Broccoli		49,984.38	3,318	36,839.33	A
		0.38	5	7,940.00	S
Total Pounds On This Commodity	49,984.76				
Brussels Sprout		1,968.27	134	2,070.73	A
Cabbage		2,759.08	362	3,097.72	A
Cauliflower		8,354.23	779	7,523.69	A
Cherry		1,034.92	26	569.44	A
Chinese Cabbage (Nappa)		1,818.35	470	1,529.45	A
Citrus		1,387.40	33	410.61	A
		7.03	3	130,100.00	U
Total Pounds On This Commodity	1,394.42				
Collard		23.88	6	32.84	A
Commodity Fumigation		135.12			
		0.39	1	13,866.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	135.51				
Corn (Forage - Fodder)		27,106.16	653	31,340.44	A
Corn, Grain		280.69	4	299.00	A
Corn, Human Consumption		2,451.91	97	3,926.91	A
Cotton		36,589.39	302	39,931.00	A
		101.37		2,388.12	T
Total Pounds On This Commodity	36,690.76				
Cucumber		0.09	1	3,000.00	S
Fumigation, Other		56.75			
Grape		55,763.71	709	29,454.92	A
Grape, Wine		94,646.65	615	48,311.36	A
Grapefruit		3,225.03	125	1,570.02	A
Kale		50.41	19	49.75	A
Landscape Maintenance		1,144.59			
		3.37	2	4.00	A
Total Pounds On This Commodity	1,147.96				
Lemon		32,792.34	462	10,082.84	A
Lettuce, Head		7.09	2	22.50	A
Lettuce, Leaf		15.30	3	21.33	A
N-Grnhs Flower		300.76	180	422.60	A
		49.04	35	1,428,880.00	S
Total Pounds On This Commodity	349.80				
N-Grnhs Plants In Containers		242.36	251	10,153,609.00	S
		171.88	116	202.69	A
		0.70	14	32,844.00	U
Total Pounds On This Commodity	414.95				
N-Grnhs Transplants		10.43	11	12.56	A
		1.49	4	121,241.00	S
		0.01	1	1.00	U
Total Pounds On This Commodity	11.92				
N-Outdr Flower		681.49	293	1,323.35	A
		132.55	50	792,250.00	S
Total Pounds On This Commodity	814.04				
N-Outdr Plants In Containers		741.58	468	850.86	A
		61.97	112	3,243,880.00	S
		3.97	6	1,041.10	U
Total Pounds On This Commodity	807.52				
N-Outdr Transplants		1,082.35	122	2,322.94	A
		7.29	23	219,732.00	S
Total Pounds On This Commodity	1,089.64				
Nectarine		6,672.78	195	4,379.11	A
Onion, Dry		3,794.26	91	4,461.50	A
Orange		119,222.98	1,932	46,210.17	A
		5.23	3	181.00	U
Total Pounds On This Commodity	119,228.21				
Orchard Floor		53.34	3	56.00	A
Peach		11,057.55	270	6,138.51	A
Pear		553.18	22	957.32	A
Peas		129.23	16	161.20	A
Pecan		1,283.16	41	717.76	A
Pepper, Spice		19.80	1	16.50	A
Plum		4,732.77	202	2,720.87	A
Pomelo		428.83	13	80.00	A
Prune		2,575.04	31	1,481.85	A
Public Health		0.97			
Radish		277.12	139	256.35	A
Rappini		80.12	14	73.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Research Commodity		68.60	17	114.72	A
		32.70			
Total Pounds On This Commodity	101.30				
Rights Of Way		775.53			
		0.45	1	1.50	A
Total Pounds On This Commodity	775.98				
Sorghum (Forage - Fodder)		385.03	4	462.00	A
Sorghum/Milo		1,102.32	20	1,283.16	A
Soybean		115.56	7	145.00	A
Spinach		35.72	1	17.70	A
Strawberry		13,840.54	371	11,541.13	A
Structural Pest Control		1,756.44			
		16.77	1	8.30	A
Total Pounds On This Commodity	1,773.21				
Sugarbeet		19,342.10	385	28,041.60	A
Sunflower		1,233.81	24	1,428.80	A
Sweet Potato		2,358.56	40	1,169.00	A
Tangelo		2,155.91	42	871.18	A
Tangerine		15,813.67	324	10,098.96	A
Tomato		0.94	1	10.00	A
Triticale		27.76		597.80	T
Turf/Sod		237.31	12	211.75	A
		6.94	2	276,000.00	S
Total Pounds On This Commodity	244.24				
Turnip		6.52	20	8.75	A
		1.53	4	18,000.00	S
Total Pounds On This Commodity	8.05				
Uncultivated Ag		110.86	3	149.50	A
Unknown		6.91	1	6.50	A
Vertebrate Control		8.97	1	8.90	A
Walnut		177,429.68	2,849	95,226.56	A
Wheat		2,489.86	68	5,883.46	A
Wheat (Forage - Fodder)		4,888.98	178	10,702.66	A
Chemical Total		1,235,481.32	24,789		
CHLORSULFURON					
Barley		88.08	44	8,231.00	A
Farm/Ag Building		0.13	1	2.80	A
Forage Hay/Silage		45.51	76	4,786.10	A
Industrial Site		4.28		61.00	A
Landscape Maintenance		267.34			
Oat		121.26	78	5,082.90	A
Oat (Forage - Fodder)		6.55	13	442.00	A
Pastureland		3.19	14	141.70	A
Public Health		0.09			
Rangeland		50.93	13	1,177.75	A
Regulatory Pest Control		34.01			
Rights Of Way		4,223.00			
		16.53	6	1,244.00	A
Total Pounds On This Commodity	4,239.53				
Structural Pest Control		6.50			
Uncultivated Ag		1.25	2	26.50	A
Uncultivated Non-Ag		11.32	2	241.73	A
Vertebrate Control		6.82			
Water Area		2.39		25.10	A
Wheat		95.47	91	9,229.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat (Forage - Fodder)		2.67	4	563.00	A
Chemical Total		4,987.30	344		
CHLORTHAL-DIMETHYL					
Bok Choy		5,117.64	352	1,048.18	A
Broccoli		75,110.66	1,647	22,719.23	A
Brussels Sprout		536.25	17	120.25	A
Cabbage		9,319.64	492	2,708.91	A
Cauliflower		8,127.38	286	2,880.55	A
Chinese Cabbage (Nappa)		5,070.01	387	1,285.00	A
Chinese Greens		24.00	1	4.00	A
Cole Crop		10.44	1	4.60	A
Collard		484.84	69	120.73	A
Cucumber		42.00	1	7.00	A
Daikon		106.13	26	24.31	A
Endive (Escarole)		1.42	1	0.16	A
Gai Lon		3,579.66	34	734.50	A
Kale		551.13	57	160.33	A
Kohlrabi		244.71	64	61.39	A
Leek		373.50	58	67.88	A
Lettuce, Leaf		76.47	5	22.17	A
Mustard		1,115.11	46	230.47	A
N-Grnhs Flower		1.50	1	0.50	A
		0.48	1	3,200.00	S
Total Pounds On This Commodity	1.98				
N-Outdr Flower		1,683.39	64	275.31	A
N-Outdr Plants In Containers		571.09	14	70.00	A
Onion, Dry		34,110.65	216	5,733.58	A
Onion, Green		1,454.66	62	254.91	A
Pepper, Fruiting		444.28	7	73.10	A
Pepper, Spice		150.94	1	25.00	A
Radish		2,977.54	129	516.76	A
Rappini		4,605.61	107	1,426.50	A
Research Commodity		3.60			
Rights Of Way		11.25	1	1.50	A
Spinach		1.42	1	0.16	A
Squash		163.50	3	18.50	A
Turnip		828.19	70	143.13	A
Uncultivated Ag		169.35	9	121.50	A
Chemical Total		157,068.43	4,230		
CHOLECALCIFEROL					
Animal Premise		0.01		2.00	U
Landscape Maintenance		0.40			
		< 0.01	1	8.00	A
Total Pounds On This Commodity	0.40				
Structural Pest Control		4.55			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	1		
CHROMIC ACID					
Fumigation, Other		559.49			
Chemical Total		559.49			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CITRIC ACID					
Alfalfa		5,472.03	2,096	118,767.13	A
Almond		14,248.10	2,756	164,100.45	A
Apple		645.41	118	2,448.99	A
Apricot		36.90	12	112.03	A
Arrugula		0.10	1	8.00	A
Artichoke, Globe		68.34	39	483.10	A
Asian Pear		0.72	1	5.00	A
Asparagus		62.88	28	1,273.40	A
Avocado		2.78	5	39.00	A
Barley		23.60	21	1,406.77	A
Bean, Dried		221.11	123	7,291.90	A
Bean, Succulent		34.09	27	985.55	A
Beet		0.13	2	5.10	A
Blueberry		0.95	6	1.75	A
Broccoli		96.26	167	1,699.55	A
Cabbage		5.63	36	202.72	A
Cantaloupe		47.43	21	1,505.20	A
Cardoon		0.21	1	3.00	A
Carrot		71.81	30	576.60	A
Cauliflower		36.08	108	1,203.84	A
Celery		16.64	221	1,775.65	A
Cherry		645.42	209	4,879.23	A
Chestnut		< 0.01	1	0.09	A
Cilantro		2.52	2	89.00	A
Citrus		11.02	4	60.00	A
Corn (Forage - Fodder)		2,736.74	1,135	56,848.37	A
Corn, Grain		10.24	7	434.60	A
Corn, Human Consumption		1,146.26	733	22,838.70	A
Cotton		2,621.65	806	85,568.33	A
Cotton (Forage - Fodder)		2.42	6	332.10	A
Cucumber		29.10	13	371.14	A
Ditch Bank		8.99	2	250.00	A
Farm/Ag Building		0.04	2	6.80	A
Fig		65.19	10	347.60	A
Forage Hay/Silage		9.81	3	158.10	A
Forest, Timberland		3.84	15	608.00	A
Garbanzo Bean		0.88	2	25.00	A
Garlic		80.59	19	1,271.20	A
Grape		2,834.07	365	12,566.67	A
Grape, Wine		5,283.93	1,827	66,951.32	A
Grapefruit		1.39	10	82.50	A
Herb, Spice		7.84	1	20.00	A
Horseradish		1.56	1	169.00	A
Kale		0.61	7	21.00	A
Kiwi		0.30	21	131.50	A
Landscape Maintenance		103.44			
		0.19	4	18.50	A
Total Pounds On This Commodity	103.63				
Lemon		14.58	40	826.09	A
Lettuce, Head		48.79	237	3,128.44	A
Lettuce, Leaf		48.34	236	2,533.84	A
Melon		40.32	16	807.45	A
Mint		55.55	76	4,869.00	A
Mizuna		0.11	1	8.00	A
Mustard		0.83	1	9.00	A
N-Grnhs Flower		19.59	312	526.92	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.97	1	40.00	U
Total Pounds On This Commodity	20.55				
N-Grnhs Plants In Containers		2.37	92	99.79	A
		1.19	23	950,000.00	U
Total Pounds On This Commodity	3.56				
N-Grnhs Transplants		5.52	12	35.00	A
N-Outdr Flower		124.04	410	1,590.45	A
N-Outdr Plants In Containers		53.23	606	711.83	A
N-Outdr Transplants		3.25	5	35.00	A
Nectarine		32.15	161	1,862.04	A
Oat		13.08	8	367.80	A
Oat (Forage - Fodder)		26.33	17	739.70	A
Olive		603.47	152	2,778.40	A
Onion, Dry		229.17	291	13,773.89	A
Onion, Green		3.24	7	37.50	A
Orange		941.45	796	22,341.65	A
Pastureland		358.78	18	1,368.26	A
Peach		259.88	239	3,266.01	A
Pear		33.96	72	664.80	A
Peas		2.73	5	148.50	A
Pecan		0.44	1	10.00	A
Pepper, Fruiting		22.45	10	398.00	A
Persimmon		0.12	2	10.21	A
Pistachio		1,338.10	680	45,181.45	A
Plum		442.67	57	1,509.76	A
Pomegranate		192.23	88	2,469.24	A
Potato		233.34	155	9,750.50	A
Prune		209.18	76	2,262.93	A
Pumpkin		3.61	8	168.00	A
Rangeland		27.75	42	750.00	A
Raspberry		27.82	9	94.54	A
Recreation Area		0.05	1	10.00	A
Rice		2,964.79	469	37,180.35	A
Rice, Wild		2.75	5	1,000.00	A
Rights Of Way		1,181.47			
		57.98	45	2,115.00	A
Total Pounds On This Commodity	1,239.46				
Ryegrass		3.08	2	150.00	A
Safflower		8.97	4	412.00	A
Soil Fumigation/Preplant		382.19	106	8,762.24	A
Sorghum (Forage - Fodder)		21.60	9	392.00	A
Sorghum/Milo		58.65	29	1,533.96	A
Soybean		1.72	1	59.00	A
Spinach		3.73	3	51.23	A
Squash		19.26	10	244.00	A
Strawberry		458.85	77	2,403.01	A
Structural Pest Control		14.10	18	230.98	A
		0.16			
Total Pounds On This Commodity	14.26				
Sugarbeet		6.21	11	786.00	A
Sunflower		265.01	73	4,791.46	A
Swiss Chard		0.13	2	5.10	A
Tangelo		19.75	31	746.99	A
Tangerine		166.39	266	14,376.51	A
Tomato		111.03	56	2,858.70	A
Tomato, Processing		2,206.79	713	53,820.41	A
Triticale		0.23	1	42.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Turf/Sod		32.12	12	432.50	A
Uncultivated Ag		806.85	262	20,508.99	A
Uncultivated Non-Ag		163.64	27	1,093.47	A
Unknown		20.57	14	234.05	A
Vertebrate Control		2.44			
Walnut		3,666.44	965	29,286.15	A
Watermelon		11.65	9	227.90	A
Wheat		207.25	121	9,191.22	A
Wheat (Forage - Fodder)		400.11	169	9,900.89	A
Chemical Total		55,385.89	19,497		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL					
Alfalfa		474.97	20	1,049.00	A
Almond		3,793.05	20	504.00	A
Apple		33.54	6	28.00	A
Apricot		416.49	8	226.00	A
Arrugula		990.38	76	289.41	A
Artichoke, Globe		2.91	4	7.50	A
Basil, Sweet		256.34	22	81.33	A
Bean, Dried		57.24	1	28.00	A
Bean, Succulent		21.81	2	13.00	A
Bean, Unspecified		0.02	2	0.18	A
Beet		8.74	4	14.95	A
Blackberry		639.76	33	135.13	A
Blueberry		26.94	1	28.21	A
Bok Choy		9.55	1	5.00	A
Broccoli		1,900.48	48	912.38	A
Cabbage		3,636.95	147	1,230.62	A
Cantaloupe		71.09	12	111.70	A
Carrot		238.50	10	125.30	A
Cauliflower		2,381.89	94	1,148.11	A
Celery		2,445.20	54	681.20	A
Cherry		57.32	1	15.00	A
Chervil		1.91	1	0.44	A
Chicory		0.14	3	0.30	A
Chinese Cabbage (Nappa)		1.91	2	0.50	A
Chive		263.17	28	143.66	A
Cilantro		438.86	52	153.10	A
Citrus		3.82	1	1.00	A
Collard		554.07	57	229.25	A
Corn, Human Consumption		0.80	1	2.00	A
Cucumber		96.91	22	15.57	A
Dandelion Green		1.47	1	0.77	A
Dill		75.81	6	21.61	A
Edible Flowers		7.65	5	0.77	A
Eggplant		8.10	8	5.04	A
Endive (Escarole)		21.25	1	8.00	A
Garlic		2,514.48	47	638.20	A
Grape		224.50	8	115.43	A
Grape, Wine		301.94	12	128.92	A
Herb, Spice		976.70	127	318.70	A
		265.09	34	72.25	U
		14.24	23	418,100.00	S
Total Pounds On This Commodity	1,256.02				
Kale		946.93	62	397.94	A
Kohlrabi		50.05	20	39.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		147.62			
Leek		42.62	1	22.31	A
Lemon		23.88	3	8.00	A
Lettuce, Head		662.02	141	1,741.10	A
Lettuce, Leaf		13,034.06	433	6,660.49	A
Melon		96.27	4	36.64	A
Mint		236.26	25	84.70	A
		97.91	10	37.00	U
Total Pounds On This Commodity	334.17				
Mizuna		22.45	10	23.14	A
Mushroom		386.28	67	417,200.00	S
Mustard		266.89	55	124.75	A
N-Grnhs Flower		24.72	7	5.29	A
		0.10	1	3,600.00	S
Total Pounds On This Commodity	24.83				
N-Grnhs Plants In Containers		43.82	7	11.09	A
		12.99	7	39,000.00	S
		5.33	2	20,000.00	U
Total Pounds On This Commodity	62.14				
N-Grnhs Transplants		72.15	92	52.29	A
		2.00	22	263,500.00	S
Total Pounds On This Commodity	74.14				
N-Outdr Flower		123.27	10	30.50	A
		0.12	1	45,000.00	S
Total Pounds On This Commodity	123.39				
N-Outdr Plants In Containers		755.06	101	127.43	A
		150.86	81	507,862.00	S
		0.23	3	757.00	U
Total Pounds On This Commodity	906.15				
N-Outdr Transplants		88.84	45	2,232,000.00	S
		22.90	44	25.74	A
Total Pounds On This Commodity	111.74				
Nectarine		3.82	1	4.00	A
Onion, Dry		3,859.32	62	2,249.67	A
Onion, Green		2,218.71	72	865.88	A
Oregano		96.48	10	35.50	A
Parsley		37.35	14	12.38	A
Peach		99.84	14	27.60	A
Pear		2.97	3	4.40	A
Pepper, Fruiting		107.92	16	34.23	A
Pomegranate		24.84	1	17.50	A
Potato		586.07	9	412.11	A
Radicchio		21.20	1	80.00	A
Radish		0.16	6	0.60	A
Rappini		372.43	46	1,539.69	A
Raspberry		4,232.21	131	1,425.38	A
Research Commodity		15.66			
Rhubarb		0.14	3	0.30	A
Rights Of Way		0.12			
Rosemary		30.57	4	16.00	A
Rutabaga		34.56	13	14.16	A
Sage		30.93	5	13.00	A
Spinach		428.40	33	393.23	A
Squash, Summer		0.09	3	0.15	A
Squash, Winter		0.18	2	1.00	A
Strawberry		10,594.27	164	5,250.03	A
Swiss Chard		118.43	24	79.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine		279.40	3	29.25	A
Tarragon		5.73	6	16.00	A
Thyme		35.82	4	14.50	A
Tomato		37,309.22	317	14,623.51	A
		816.97	29	1,544,000.00	S
Total Pounds On This Commodity	38,126.19				
Tomato, Processing		1,626.36	17	791.02	A
Turnip		15.45	11	10.11	A
Unknown		14.99	2	1.50	A
		< 0.01		5,050.00	S
Total Pounds On This Commodity	15.00				
Walnut		19.11	1	5.00	A
Watermelon		1,006.40	21	966.26	A
Chemical Total		104,597.75	3,307		
CLETHODIM					
Alfalfa		17,161.72	1,462	87,452.20	A
Almond		533.97	84	5,909.81	A
Arrugula		0.60	2	6.60	A
Asparagus		78.21	16	665.30	A
Bean, Dried		745.44	58	1,871.58	A
Bean, Succulent		1.22	2	10.00	A
Bean, Unspecified		17.69	2	105.00	A
Beet		0.36	2	3.00	A
Bok Choy		0.13	1	1.00	A
Broccoli		153.61	31	1,422.59	A
Cabbage		4.62	2	35.00	A
Cantaloupe		56.47	17	992.00	A
Carrot		623.64	115	4,886.28	A
Cauliflower		21.59	7	193.52	A
Celery		162.56	68	1,245.78	A
Cherry		5.99	2	45.00	A
Chinese Cabbage (Nappa)		0.97	2	8.00	A
Cilantro		10.56	1	80.00	A
Corn (Forage - Fodder)		65.79	9	433.93	A
Cotton		2,803.50	304	18,244.45	A
Cucumber		70.70	11	562.00	A
Eggplant		3.55	1	33.50	A
Endive (Escarole)		0.13	1	1.31	A
Flax		4.26	1	53.00	A
Forage Hay/Silage		8.29	2	39.10	A
Garbanzo Bean		145.20	16	994.00	A
Garlic		199.67	15	1,145.00	A
Grape		12.72	6	227.57	A
Grape, Wine		15.32	8	400.88	A
Herb, Spice		0.21	4	2.75	A
		0.09	1	1.00	U
Total Pounds On This Commodity	0.30				
Horseradish		6.30	1	104.00	A
Landscape Maintenance		101.85			
Leek		7.00	16	57.00	A
Lettuce, Head		49.36	22	674.10	A
Lettuce, Leaf		115.69	36	994.72	A
Melon		41.68	20	488.99	A
Mint		197.07	25	1,409.00	A
		0.05	1	0.50	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	197.12				
Mizuna		1.46	1	11.00	A
Mustard		0.53	1	13.00	A
N-Outdr Flower		1.04	2	8.00	A
N-Outdr Transplants		5.57	4	518.00	A
Olive		16.34	4	188.00	A
Onion, Dry		1,329.04	144	7,861.83	A
Orange		29.30	1	18.38	A
Parsley		9.90	4	74.82	A
Pastureland		4.20	1	21.00	A
Pepper, Fruiting		36.38	18	326.50	A
Pistachio		49.53	4	251.58	A
Pomegranate		90.94	6	661.00	A
Potato		217.14	58	1,428.30	A
Prune		2.41	1	53.00	A
Pumpkin		327.06	6	92.00	A
Radicchio		35.83	6	269.00	A
Regulatory Pest Control		14.48			
Research Commodity		0.60			
		0.02	2	0.87	A
Total Pounds On This Commodity	0.63				
Rice		3.93	1	24.00	A
Rights Of Way		356.04			
		18.80	7	172.50	A
Total Pounds On This Commodity	374.83				
Safflower		42.07	4	420.90	A
Soil Fumigation/Preplant		49.24	4	355.82	A
Spinach		31.70	9	238.00	A
Squash		3.40	3	57.00	A
Squash, Winter		2.42	1	20.00	A
Strawberry		16.78	4	90.00	A
Structural Pest Control		0.21			
Sugarbeet		2,321.59	260	17,919.28	A
Sunflower		72.27	13	474.25	A
Sweet Potato		19.70	5	74.00	A
Swiss Chard		3.38	2	25.40	A
Tomatillo		2.95	1	30.00	A
Tomato		208.54	40	1,131.31	A
Tomato, Processing		1,664.04	224	12,691.37	A
Uncultivated Ag		1,563.20	27	1,965.30	A
Uncultivated Non-Ag		10.75	3	58.00	A
Unknown		0.21	2	2.00	A
Walnut		131.56	44	1,611.04	A
Watermelon		31.69	7	212.00	A
Wheat		6.67	2	49.00	A
Wheat (Forage - Fodder)		9.54	1	65.00	A
Chemical Total		32,170.26	3,301		
CLOFENTEZINE					
Almond		2,336.26	158	10,195.30	A
Apple		1.56	1	12.00	U
Apricot		3.70	1	19.00	A
Cherry		268.89	50	1,109.51	A
Grape		48.31	7	186.50	A
Grape, Wine		618.06	76	2,504.95	A
N-Grnhs Plants In Containers		2.68	18	14.20	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		1.35	5	7.04	A
N-Outdr Transplants		3.34	3	12.82	A
Nectarine		821.51	238	3,756.77	A
Peach		1,498.81	424	7,146.01	A
Pear		228.60	24	887.50	A
Research Commodity		0.39			
Walnut		969.97	129	5,027.47	A
Chemical Total		6,803.42	1,134		
CLOMAZONE					
Commodity Fumigation		0.11			
Rice		74,192.61	2,174	154,099.73	A
Rice, Wild		60.00	1	150.00	A
Chemical Total		74,252.72	2,175		
CLOPYRALID					
Rights Of Way		8.18			
Chemical Total		8.18			
CLOPYRALID, MONOETHANOLAMINE SALT					
Broccoli		36.90	20	229.50	A
Forage Hay/Silage		5.93	1	45.00	A
Forest, Timberland		75.89	27	493.00	A
Grape, Wine		11.87	2	20.00	A
Grass, Seed		0.31	1	3.00	A
Landscape Maintenance		708.89			
		18.07	21	58.20	A
		0.50	6	38,000.00	S
Total Pounds On This Commodity	727.46				
Mint		36.34	5	279.00	A
N-Outdr Plants In Containers		268.82	11	179.50	A
N-Outdr Transplants		0.06	1	0.50	A
Olive		0.99	1	1.00	A
Pastureland		105.30	49	1,356.40	A
Rangeland		323.94	62	7,196.00	A
Regulatory Pest Control		163.17			
		15.47		62.15	A
Total Pounds On This Commodity	178.64				
Rights Of Way		1,336.36			
		13.39	16	270.17	A
Total Pounds On This Commodity	1,349.75				
Structural Pest Control		1.75			
Sugarbeet		1,043.91	122	9,578.29	A
Turf/Sod		0.01		8.00	A
Uncultivated Ag		47.24	87	400.50	A
Uncultivated Non-Ag		20.85	15	222.60	A
		0.62			
Total Pounds On This Commodity	21.47				
Unknown		0.74		3.00	A
Vertebrate Control		0.93	1	1.00	A
Chemical Total		4,238.24	448		
CLOPYRALID,TRIETHYLAMINE SALT					
Landscape Maintenance		205.77			
N-Grnhs Plants In Containers		0.54		3.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		< 0.01	1	1.00	A
Pastureland		5.54	7	44.00	A
Rangeland		8.62		20.00	A
Regulatory Pest Control		0.04			
Rights Of Way		0.21			
Structural Pest Control		0.93			
Turf/Sod		11.49	1	54.00	A
Uncultivated Ag		8.04	1	15.00	A
Uncultivated Non-Ag		0.29		7.00	A
Chemical Total		241.47	10		
CLOTHIANIDIN					
Commodity Fumigation		0.02			
Corn, Human Consumption		0.41		146.30	P
		0.08		27.50	A
Total Pounds On This Commodity	0.48				
Grape		814.64	248	8,331.12	A
Grape, Wine		928.17	243	9,464.24	A
Landscape Maintenance		598.80			
N-Grnhs Plants In Containers		0.21	5	2.85	A
N-Outdr Plants In Containers		1.37	13	11.03	A
Potato		12.29	1	60.00	A
Structural Pest Control		1.37			
Turf/Sod		8.00	1	20.00	A
Chemical Total		2,365.35	511		
COCONUT DIETHANOLAMIDE					
Alfalfa		57.08	256	11,717.20	A
Almond		4,404.29	980	56,885.80	A
Animal Premise		2.34		34.00	U
Apple		0.52	15	100.00	A
Apricot		1.51	8	129.60	A
Arrugula		0.46	12	85.20	A
Artichoke, Globe		3.11	21	199.40	A
Asparagus		14.75	17	1,360.10	A
Avocado		6.61	138	538.00	A
		0.47	3	480,000.00	U
Total Pounds On This Commodity	7.09				
Bean, Dried		7.22	64	1,825.80	A
Bean, Succulent		0.52	4	101.50	A
Beet		0.05	2	7.00	A
Blackberry		1.40	17	87.87	A
Blueberry		1.13	7	137.50	A
Bok Choy		0.51	44	67.70	A
Broccoli		55.27	499	6,861.45	A
Brussels Sprout		1.66	12	221.00	A
Cabbage		1.66	26	163.00	A
Cantaloupe		0.97	9	276.00	A
Carrot		1.31	10	177.26	A
Cauliflower		22.85	216	2,302.29	A
Celery		14.02	287	2,068.31	A
Cherry		209.35	80	1,781.10	A
Chicory		1.65	7	107.90	A
Chinese Cabbage (Nappa)		1.62	40	209.20	A
Cilantro		0.51	15	72.70	A
Citrus		0.57	4	70.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn (Forage - Fodder)		22.57	157	5,466.74	A
Corn, Human Consumption		7.55	91	2,853.56	A
Cotton		77.84	336	11,217.52	A
Endive (Escarole)		1.27	23	139.10	A
Fennel		2.79	91	471.90	A
Forage Hay/Silage		1.44	19	699.80	A
Grape		1,327.08	1,367	60,327.57	A
Grape, Wine		495.32	700	28,692.95	A
Grapefruit		16.40	10	98.00	A
Kale		0.17	7	30.10	A
Kiwi		0.93	2	8.16	A
Landscape Maintenance		44.55			
		0.33	5	248.00	A
Total Pounds On This Commodity	44.88				
Leek		0.03	13	3.25	A
Lemon		66.49	24	422.32	A
Lettuce, Head		212.36	1,952	24,963.12	A
Lettuce, Leaf		130.15	1,451	13,373.14	A
Melon		1.17	8	278.90	A
Mint		0.25	5	153.00	A
Mustard		0.26	22	21.26	A
N-Grnhs Flower		65.98	374	1,445.89	A
		5.30	84	2,841,400.00	S
Total Pounds On This Commodity	71.28				
N-Grnhs Plants In Containers		12.17	550	1,233.21	A
		2.04	147	5,252,456.00	S
Total Pounds On This Commodity	14.21				
N-Grnhs Transplants		9.98	45	52.65	A
N-Outdr Flower		9.36	353	2,264.46	A
		0.05	5	180,000.00	S
Total Pounds On This Commodity	9.41				
N-Outdr Plants In Containers		24.22	1,147	2,309.42	A
		0.33	40	829,600.00	S
Total Pounds On This Commodity	24.55				
N-Outdr Transplants		4.70	89	292.83	A
		1.95	123	11,589,600.00	S
		0.11	1	75,000.00	U
Total Pounds On This Commodity	6.77				
Nectarine		192.78	288	4,431.02	A
Oat		0.19	2	37.00	A
Oat (Forage - Fodder)		1.67	8	334.00	A
Olive		251.48	37	928.20	A
Onion, Dry		4.87	10	238.10	A
Orange		3,111.86	489	10,427.20	A
Parsley		0.16	3	28.50	A
Pastureland		0.26	1	160.00	A
Peach		510.04	392	7,893.20	A
Pear		0.17	11	17.50	A
Peas		1.43	26	266.40	A
Pepper, Fruiting		1.14	6	202.00	A
Pepper, Spice		0.19	1	56.70	A
Persimmon		1.91	6	47.00	A
Pistachio		446.97	130	11,340.44	A
Plum		1,002.96	275	4,525.54	A
Pomegranate		4.77	27	344.30	A
Pomelo		1.65	1	5.00	A
Potato		0.56	4	290.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Poultry		0.10		14.00	U
Prune		563.00	129	3,950.60	A
Pumpkin		0.04	2	8.00	A
Quince		0.33	2	25.00	A
Radish		0.11	14	9.35	A
Rangeland		0.12	1	15.00	A
Rappini		4.48	5	100.20	A
Raspberry		84.03	118	1,255.73	A
Research Commodity		0.06			
Rice, Wild		0.40	8	294.00	A
Rights Of Way		9.72			
		0.04	2	10.00	A
Total Pounds On This Commodity	9.76				
Soil Fumigation/Preplant		0.26	1	30.00	A
Sorghum/Milo		0.60	1	85.00	A
Spinach		0.43	21	35.90	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		1,390.15	814	15,766.96	A
Structural Pest Control		438.76			
Sudangrass		0.10	2	80.00	A
Sunflower		0.91	5	278.00	A
Tangelo		147.44	29	428.75	A
Tangerine		243.36	67	2,556.80	A
Timothy		3.70	36	1,328.80	A
Tomato		120.66	131	4,615.95	A
Tomato, Processing		23.74	64	4,967.42	A
Turf/Sod		28.03	7	110.06	A
Turnip		0.10	12	8.11	A
Uncultivated Ag		0.70	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	0.70				
Uncultivated Non-Ag		0.64	3	11.25	A
Unknown		0.12	4	2.00	A
Walnut		365.19	213	5,650.03	A
Watermelon		0.44	10	91.00	A
Wheat		1.23	9	388.00	A
Chemical Total		16,322.64	15,472		
COCONUT IMIDAZOLINE SODIUM CARBOXYLATE					
Alfalfa		30.24	335	21,019.83	A
Almond		10.02	37	2,480.50	A
Apple		0.04	3	8.50	A
Asparagus		0.06	1	92.00	A
Bean, Dried		0.26	3	134.00	A
Cantaloupe		1.19	15	813.30	A
Cherry		1.85	3	158.60	A
Corn (Forage - Fodder)		2.99	18	932.23	A
Corn, Human Consumption		18.73	89	8,338.91	A
Cotton		15.32	110	12,892.80	A
Grape		18.09	111	4,138.66	A
Grape, Wine		0.20	4	80.00	A
Melon		2.11	38	1,197.00	A
Oat (Forage - Fodder)		0.12	1	33.00	A
Peach		1.18	7	91.40	A
Pistachio		28.34	46	2,829.35	A
Rice		3.99	16	842.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Safflower		2.77	10	2,452.00	A
Sorghum (Forage - Fodder)		0.12	1	172.00	A
Sorghum/Milo		0.15	2	86.40	A
Tomato, Processing		< 0.01	1	162.00	A
Walnut		10.97	43	1,196.80	A
Wheat		0.48	5	264.00	A
Wheat (Forage - Fodder)		1.98	20	2,721.71	A
Chemical Total		151.21	919		
CODLING MOTH GRANULOSIS VIRUS					
Apple		0.10	123	688.52	A
Pear		0.06	37	450.10	A
Chemical Total		0.15	160		
CONIOTHYRIUM MINITANS STRAIN CON/M/91-08					
Broccoli		10.66	7	68.70	A
Carrot		111.90	16	1,112.80	A
Cauliflower		0.64	1	3.00	A
Corn Salad		4.24	1	20.00	A
Chemical Total		127.44	25		
COPPER					
Apple		43.20	2	64.00	A
Apricot		46.05	14	69.40	A
Citrus		153.00	8	69.00	A
Corn (Forage - Fodder)		5.78	1	25.00	A
Grape		74,298.85	744	30,834.98	A
Grape, Wine		9,124.06	63	3,461.22	A
Grapefruit		571.50	19	202.50	A
Landscape Maintenance		1,094.24			
		< 0.01	1	10.00	A
Total Pounds On This Commodity	1,094.24				
Lemon		5,527.33	100	1,869.30	A
Lime		9.00	2	3.00	A
Lumber, Treated		7,992.37		4,584,873.00	U
N-Outdr Plants In Containers		4.50	1	1.00	A
Nectarine		550.95	21	250.80	A
Orange		126,703.29	2,210	43,024.85	A
Peach		18.93	7	50.70	A
Pear		0.60	1	15.00	A
Pomelo		255.00	12	85.00	A
Rights Of Way		10.86			
Structural Pest Control		1,184.53			
Tangelo		3,080.27	73	1,076.40	A
Tangerine		1,062.52	53	465.27	A
Walnut		352.63	2	177.00	A
Chemical Total		232,089.43	3,334		
COPPER AMMONIUM CARBONATE					
Fumigation, Other		14,495.20			
Grape, Wine		0.58	1	3.50	A
Landscape Maintenance		0.03			
Lumber, Treated		62,261.54		4,584,873.00	U
Structural Pest Control		12,355.95			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		89,113.29	1		
COPPER AMMONIUM COMPLEX					
Almond		445.26	1	115.00	A
Apple		0.12	2	5.00	A
Avocado		13.16	9	30.50	A
Landscape Maintenance		284.49			
		0.19	2	200.00	A
Total Pounds On This Commodity	284.68				
Lemon		36.41	49	113.07	A
N-Outdr Plants In Containers		8.13	2	16.00	A
		0.12	1	350.00	U
		0.04	3	650.00	S
Total Pounds On This Commodity	8.29				
Orange		4.68	6	20.20	A
Peach		0.09	1	0.10	A
Rights Of Way		0.02			
Structural Pest Control		0.77			
Tomato		1.55	1	4.00	A
Walnut		61.95	1	40.00	A
Chemical Total		856.98	78		
COPPER CARBONATE, BASIC					
Landscape Maintenance		3,452.38			
N-Grnhs Plants In Containers		0.02	1	0.72	A
Public Health		6.28			
Rights Of Way		11,040.17			
Structural Pest Control		< 0.01			
Water Area		1,918.65	6	357.00	A
		502.53		510.00	U
Total Pounds On This Commodity	2,421.18				
Chemical Total		16,920.02	7		
COPPER CITRATE CHELATE					
Landscape Maintenance		0.14			
Rights Of Way		86.84			
Chemical Total		86.98			
COPPER ETHANOLAMINE COMPLEXES, MIXED					
Fumigation, Other		3,519.11			
Landscape Maintenance		2,713.72			
		7.36	3	6.00	A
Total Pounds On This Commodity	2,721.09				
N-Grnhs Plants In Containers		0.06	1	3.00	A
N-Outdr Plants In Containers		11.51	6	14.06	A
Public Health		19.07			
Rights Of Way		8,016.32			
Structural Pest Control		0.23			
Unknown		86.36		134.00	A
Water (Industrlial)		39.79		63.00	A
Water Area		3,225.38	11	3,688.00	A
		284.73			
		37.30		3.00	U
		5.43		174,240.00	C
Total Pounds On This Commodity	3,552.83				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		17,966.36	21		
COPPER ETHYLENEDIAMINE COMPLEX					
Landscape Maintenance		116.41			
Regulatory Pest Control		6,544.81			
Water Area		696.03	1	97.75	A
		2.44	1	1.00	U
Total Pounds On This Commodity	698.48				
Chemical Total		7,359.70	2		
COPPER GLUCONATE CHELATE					
Landscape Maintenance		0.14			
Rights Of Way		86.84			
Chemical Total		86.98			
COPPER HYDROXIDE					
Alfalfa		521.37	3	152.80	A
Almond		205,241.28	1,568	98,229.70	A
		1.59	4	22.00	U
Total Pounds On This Commodity	205,242.87				
Apple		2,649.75	82	1,524.73	A
		6.60	10	100.00	U
Total Pounds On This Commodity	2,656.35				
Apricot		12,856.59	150	4,186.08	A
		0.34	1	1,500.00	S
		0.02	1	2.00	U
Total Pounds On This Commodity	12,856.96				
Avocado		68.46	6	33.00	A
Bean, Succulent		1.84		1.00	P
Bean, Unspecified		19.61	8	45.00	A
Beet		760.05	130	357.31	A
Blackberry		64.78	2	28.00	A
Blueberry		351.54	14	285.40	A
Broccoli		514.89	101	771.06	A
Brussels Sprout		50.55	6	105.00	A
Cabbage		1,303.19	130	647.03	A
Carrot		17,709.86	282	14,354.93	A
Cauliflower		225.56	88	656.51	A
Celeriac		2,494.78	82	135.10	A
Celery		7,603.30	1,340	12,158.67	A
		0.05	2	2,000.00	S
Total Pounds On This Commodity	7,603.36				
Cherry		39,548.02	359	8,842.28	A
		0.71	5	14.00	U
		0.37	1	1,600.00	S
Total Pounds On This Commodity	39,549.09				
Chinese Cabbage (Nappa)		79.74	25	33.27	A
Chive		1.61	2	4.00	U
Citrus		140.21	9	102.00	A
Collard		60.79	19	27.87	A
Commodity Fumigation		190.20			
		0.58	1	13,866.00	S
Total Pounds On This Commodity	190.78				
Cucumber		41.51	20	37.35	A
Dill		13.82	6	6.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Eggplant		9.76	6	11.75	A
Endive (Escarole)		16.04	7	30.50	A
Garlic		26.94	2	55.00	A
Grape		95,785.05	2,733	135,519.93	A
Grape, Wine		123,650.57	4,057	201,023.81	A
Grapefruit		2,486.04	66	862.90	A
Kale		15.01	38	45.42	A
Landscape Maintenance		7,927.02			
		1.78	1	23.00	A
Total Pounds On This Commodity	7,928.80				
Leek		11.45	17	30.18	A
Lemon		8,274.16	279	6,617.81	A
Lettuce, Head		439.56	66	752.67	A
Lettuce, Leaf		2,451.32	532	4,446.60	A
Mustard		662.98	151	222.22	A
N-Grnhs Flower		64.26	47	55.97	A
		47.21	52	260,000.00	U
Total Pounds On This Commodity	111.47				
N-Grnhs Plants In Containers		232.05	230	188.60	A
		70.49	133	1,624,840.00	S
Total Pounds On This Commodity	302.54				
N-Grnhs Transplants		1,652.28	447	930.68	A
		565.51	205	8,928,798.00	S
Total Pounds On This Commodity	2,217.79				
N-Outdr Flower		101.10	86	159.33	A
		11.27	14	323,250.00	S
Total Pounds On This Commodity	112.38				
N-Outdr Plants In Containers		5,280.78	1,004	4,455.96	A
		6.70	27	333,300.00	S
		3.95	3	24,207.50	U
Total Pounds On This Commodity	5,291.43				
N-Outdr Transplants		5,569.57	394	2,876.44	A
		471.31	251	10,815,772.80	S
Total Pounds On This Commodity	6,040.87				
Nectarine		33,703.64	783	9,888.06	A
		1.00	4	14.00	U
		0.27	1	1,200.00	S
Total Pounds On This Commodity	33,704.92				
Olive		58,224.21	429	15,365.98	A
Onion, Dry		19,364.02	571	35,576.94	A
Onion, Green		602.58	90	534.01	A
Orange		68,827.38	809	19,875.98	A
Parsley		14,690.02	366	2,300.46	A
Peach		84,146.96	1,383	21,912.25	A
		1.25	9	30.00	U
		0.86	2	3,600.00	S
Total Pounds On This Commodity	84,149.07				
Pear		6,957.57	414	13,365.66	A
		1.71	8	20.00	U
Total Pounds On This Commodity	6,959.28				
Peas		373.12	89	397.10	A
Pecan		9.82	1	2.00	A
Pepper, Fruiting		3,759.61	188	6,296.60	A
Pepper, Spice		111.27	6	55.50	A
Pistachio		2,458.49	23	799.00	A
Plum		20,177.25	364	6,490.76	A
		0.69	6	11.05	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.46	1	2,000.00	S
Total Pounds On This Commodity	20,178.41				
Pluot		181.04	5	43.16	A
Pome Fruit		0.84	2	0.20	A
Pomelo		22.36	2	14.50	A
Potato		5,219.16	83	4,862.78	A
Prune		21,113.45	115	5,669.66	A
		0.23	4	4.00	U
Total Pounds On This Commodity	21,113.68				
Pumpkin		20.40	3	17.00	A
Quince		122.72	24	182.00	A
Radish		438.94	87	452.05	A
Raspberry		77.45	11	119.40	A
Regulatory Pest Control		4.84			
Research Commodity		100.04			
		7.37	2	1.40	A
Total Pounds On This Commodity	107.41				
Rights Of Way		3,955.91			
		36.72	1	13.00	A
Total Pounds On This Commodity	3,992.63				
Spinach		30.92	2	22.00	A
Squash		44.34	8	55.00	A
Stone Fruit		480.76	11	89.00	A
Strawberry		5,963.60	116	4,795.45	A
Structural Pest Control		14.58			
Tangelo		1,141.66	28	460.45	A
Tangerine		6,801.72	129	3,411.14	A
Tomato		13,216.00	535	23,835.08	A
		0.13	2	3,045.00	S
		0.05	1	600.00	U
Total Pounds On This Commodity	13,216.18				
Tomato, Processing		27,113.13	605	35,396.77	A
Turnip		598.02	78	92.13	A
Unknown		29.89	4	81.68	A
Vertebrate Control		413.71	14	906.63	A
Walnut		472,653.41	3,979	135,340.78	A
		1.31	5	29.00	U
Total Pounds On This Commodity	472,654.71				
Water Area		8.00		4.00	A
Watermelon		132.15	3	120.75	A
Chemical Total		1,421,714.74	26,711		
COPPER NAPHTHENATE					
Landscape Maintenance		14.17	4	264.00	A
N-Outdr Plants In Containers		0.47	1	14.00	U
Rights Of Way		21,018.29			
Structural Pest Control		74.92			
Chemical Total		21,107.84	5		
COPPER OCTANOATE					
Artichoke, Globe		3.27	1	30.00	A
Blackberry		3.94	3	13.50	A
Bok Choy		6.11	1	7.65	A
Broccoli		0.01	1	8.00	A
Brussels Sprout		3.49	1	4.00	A
Celery		1,325.72	147	1,343.96	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape		0.35	2	0.46	A
Grape, Wine		29.68	4	23.00	A
Landscape Maintenance		7.43			
Lettuce, Leaf		1,077.07	182	1,667.30	A
Mustard		21.85	29	43.75	A
N-Grnhs Plants In Containers		0.01	1	2,000.00	S
		< 0.01	1	0.25	A
Total Pounds On This Commodity	0.01				
N-Grnhs Transplants		28.49	94	46.17	A
		1.78	28	260,250.00	S
Total Pounds On This Commodity	30.27				
N-Outdr Transplants		11.88	11	402,135.00	S
		4.73	26	9.25	A
Total Pounds On This Commodity	16.61				
Peach		2.57	3	2.25	A
Raspberry		16.61	2	38.00	A
Spinach		468.00	173	678.75	A
Swiss Chard		7.11	12	31.45	A
Tomato, Processing		17.49	1	20.00	A
Chemical Total		3,037.60	723		
COPPER OXIDE (IC)					
Fumigation, Other		217.91			
Structural Pest Control		14,293.92			
Chemical Total		14,511.83			
COPPER OXIDE (OUS)					
Almond		51,209.98	277	14,367.28	A
Apple		448.75	11	83.60	A
Apricot		5,559.68	86	1,175.11	A
		2.20	6	52.00	U
Total Pounds On This Commodity	5,561.88				
Beet		4.46	10	10.62	A
Blackberry		59.57	3	35.50	A
Blueberry		3,323.80	43	1,166.54	A
Broccoli		15.49	6	27.02	A
Cabbage		1.68	1	1.00	A
Carrot		5,695.62	56	3,354.52	A
Cauliflower		1.64	1	10.41	A
Celery		2,587.20	257	1,850.17	A
Cherry		2,144.75	45	394.85	A
Citrus		121.82	3	54.00	A
Cucumber		29.16	4	28.00	A
Grape		14,746.88	396	13,851.21	A
Grape, Wine		46,599.07	2,267	52,958.48	A
		10.56	1	535.00	U
Total Pounds On This Commodity	46,609.63				
Grapefruit		72.41	4	54.00	A
Landscape Maintenance		172.74			
Lemon		197.45	10	67.50	A
Lettuce, Head		126.45	19	196.85	A
Lettuce, Leaf		3,007.00	403	4,021.84	A
Melon		6.92	2	6.60	A
Mustard		52.05	20	72.74	A
N-Grnhs Plants In Containers		313.16	37	16.85	A
N-Grnhs Transplants		200.35	17	184.56	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		163.84	32	58.19	A
N-Outdr Transplants		24.37	22	1,128,000.00	S
		16.55	22	9.40	A
Total Pounds On This Commodity	40.91				
Nectarine		27,830.55	378	5,180.17	A
		7.84	2	960.00	U
Total Pounds On This Commodity	27,838.38				
Olive		3,451.84	15	479.00	A
		55.04	14	1,969.00	U
Total Pounds On This Commodity	3,506.88				
Onion, Dry		395.83	19	278.09	A
Onion, Green		133.12	13	85.29	A
Orange		28,720.57	306	12,014.77	A
Parsley		89.24	11	52.35	A
Peach		73,507.44	692	13,907.69	A
		3.64	2	50.00	U
Total Pounds On This Commodity	73,511.09				
Pear		1,063.38	53	830.95	A
Pepper, Fruiting		75.93	2	36.50	A
Plum		3,690.65	87	956.85	A
		0.29	1	15.00	U
Total Pounds On This Commodity	3,690.94				
Pluot		66.09	5	14.25	A
Potato		1,320.24	17	832.00	A
Prune		1,847.50	15	522.01	A
Quince		135.92	2	27.00	A
Raspberry		9,191.19	52	485.71	A
Spinach		1,387.20	128	977.72	A
Squash		30.02	3	28.40	A
Stone Fruit		0.85	1	1.00	A
		0.56	1	100.00	U
Total Pounds On This Commodity	1.41				
Strawberry		242.47	5	133.00	A
Structural Pest Control		75.51	1	15.00	A
Tangelo		2,205.72	29	861.70	A
Tangerine		2,034.55	22	843.03	A
Tomato		22.97	10	14.75	A
Tomato, Processing		2,433.72	46	1,640.21	A
Walnut		22,874.86	167	5,425.86	A
Watermelon		5.24	1	5.00	A
Chemical Total		319,815.57	6,161		
COPPER OXYCHLORIDE					
Apricot		29.92	2	3.00	A
Beet		521.35	69	128.54	A
Cabbage		1,109.27	75	98.14	A
Celeriac		2,660.43	66	91.27	A
Celery		14.36	1	12.00	A
Cherry		375.00	5	93.00	A
Chinese Cabbage (Nappa)		82.72	19	23.92	A
Collard		61.69	17	25.05	A
Dill		10.78	3	2.86	A
Grape		31,458.30	315	13,124.18	A
Grape, Wine		13,322.00	158	4,282.40	A
Landscape Maintenance		5.24			
Mustard		706.12	149	217.86	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Flower		0.62	3	15.50	A
N-Outdr Plants In Containers		6.38	6	2.56	A
		0.51	1	4,000.00	S
Total Pounds On This Commodity	6.89				
N-Outdr Transplants		17.95	12	12.00	A
Olive		275.84	1	35.00	A
Parsley		14,061.64	156	296.07	A
Peach		68.82	2	9.00	A
Raspberry		119.68	4	20.00	A
Structural Pest Control		5.24			
		3.37	2	2.00	A
Total Pounds On This Commodity	8.60				
Tomato		114.00	7	135.00	A
Turnip		638.91	71	83.15	A
Walnut		1,044.30	10	278.00	A
Chemical Total		66,714.45	1,154		
COPPER OXYCHLORIDE SULFATE					
Grape		47,193.56	310	18,042.43	A
Grape, Wine		4,226.68	41	1,766.57	A
Orange		7.10	1	3.00	A
Pear		189.90	11	267.00	A
Raspberry		0.02	1	5.00	A
Structural Pest Control		0.50			
Chemical Total		51,617.76	364		
COPPER 8-QUINOLINOLEATE					
Rights Of Way		69.26			
Structural Pest Control		0.01			
Uncultivated Non-Ag		0.02			
Chemical Total		69.28			
COPPER SALTS OF FATTY AND ROSIN ACIDS					
Grape, Wine		223.72	28	261.00	A
Landscape Maintenance		23.27			
Lettuce, Leaf		46.85	1	38.40	A
N-Grnhs Flower		1.24	3	27,000.00	S
		0.05	1	0.01	A
Total Pounds On This Commodity	1.29				
N-Grnhs Plants In Containers		84.76	26	16.61	A
		13.05	15	194,962.00	S
Total Pounds On This Commodity	97.81				
N-Grnhs Transplants		2.98	54	144,600.00	S
N-Outdr Flower		31.05	3	12.50	A
		4.37	9	131,250.00	S
Total Pounds On This Commodity	35.43				
N-Outdr Plants In Containers		836.36	133	367.84	A
		43.59	19	510,269.00	S
		0.53	3	280.00	U
Total Pounds On This Commodity	880.48				
N-Outdr Transplants		287.59	104	7,492,970.00	S
		0.04	2	0.50	A
Total Pounds On This Commodity	287.63				
Raspberry		2.74	1	3.00	A
Strawberry		333.65	6	183.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		62.37	3	33.60	A
Chemical Total		1,998.20	411		
COPPER SULFATE (BASIC)					
Almond		25,114.75	112	6,023.12	A
Apple		30.88	4	3.00	A
Apricot		1,412.33	11	171.10	A
Broccoli		60.83	4	74.20	A
Celery		190.58	19	249.00	A
Cherry		17,699.07	143	2,737.83	A
Citrus		367.84	7	71.00	A
Grape		18,159.93	472	16,975.52	A
Grape, Wine		7,987.36	186	7,812.48	A
Grapefruit		4,280.57	75	875.05	A
Landscape Maintenance		1,890.63			
Lemon		28,979.53	242	5,653.78	A
N-Grnhs Flower		5.05	34	48.58	A
N-Grnhs Plants In Containers		2.86	4	7.00	A
		1.03	29	1,846,400.00	S
Total Pounds On This Commodity	3.90				
N-Grnhs Transplants		2.96	3	0.90	A
		0.14	2	4,500.00	S
Total Pounds On This Commodity	3.10				
N-Outdr Flower		0.99	16	23.84	A
		0.59	6	232,338.00	S
Total Pounds On This Commodity	1.59				
N-Outdr Plants In Containers		2,049.28	55	242.34	A
		1.58	22	60,950.00	S
Total Pounds On This Commodity	2,050.86				
N-Outdr Transplants		1,006.17	31	182.50	A
		8.49	1	50,000.00	U
Total Pounds On This Commodity	1,014.66				
Nectarine		12,079.49	39	814.72	A
Olive		50,634.68	152	4,759.10	A
Onion, Dry		53.33	1	25.00	A
Orange		420,892.04	3,843	98,184.85	A
Peach		123,812.48	329	7,590.73	A
Pear		98.00	1	16.00	A
Pepper, Fruiting		63.28	3	89.00	A
Plum		6,097.29	59	1,088.05	A
Pluot		11.75	1	5.00	A
Pomelo		855.48	23	204.20	A
Prune		5,420.56	11	738.00	A
Raspberry		22.72	4	20.00	A
Strawberry		164.64	1	56.00	A
Structural Pest Control		312.07			
		0.64	2	2.00	A
Total Pounds On This Commodity	312.71				
Tangelo		6,031.87	68	1,123.81	A
Tangerine		54,592.86	258	16,187.21	A
Tomato		113.34	8	245.80	A
Tomato, Processing		4,387.53	42	2,241.30	A
Unknown		0.16	1	1.00	A
Walnut		12,551.10	73	1,976.18	A
Water Area		31.23		33.00	A
Chemical Total		807,479.97	6,397		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
COPPER SULFATE (PENTAHYDRATE)					
Almond		148.50	2	21.50	A
Apricot		89.10	2	9.00	A
Cherry		11,947.32	32	475.00	A
Ditch Bank		6,491.33		35.00	U
		3,291.75	9	112.50	A
Total Pounds On This Commodity	9,783.08				
Grape, Wine		3,185.64	10	956.84	A
Grapefruit		50.00	2	2.50	A
Landscape Maintenance		33,628.49			
		299.05	3	11.00	A
Total Pounds On This Commodity	33,927.54				
Lemon		129.20	2	14.00	A
N-Grnhs Flower		18.56	71	43.76	A
		18.38	52	1,565,878.60	S
Total Pounds On This Commodity	36.94				
N-Grnhs Plants In Containers		157.92	189	241.12	A
		86.01	164	3,772,110.00	S
		0.07	4	401.00	U
Total Pounds On This Commodity	244.00				
N-Grnhs Transplants		11.36	33	321,405.00	S
		6.99	6	12.20	A
Total Pounds On This Commodity	18.35				
N-Outdr Flower		82.77	65	260.08	A
		13.45	29	970,390.00	S
Total Pounds On This Commodity	96.21				
N-Outdr Plants In Containers		579.18	369	672.85	A
		24.03	83	846,941.00	S
Total Pounds On This Commodity	603.21				
N-Outdr Transplants		21.71	49	114.63	A
		0.11	2	16,000.00	S
Total Pounds On This Commodity	21.82				
Nectarine		2,336.40	16	236.00	A
Orange		10,669.97	34	1,457.55	A
Peach		2,441.64	28	246.58	A
Rice		1,381,948.79	1,442	97,757.53	A
Rice, Wild		40,249.03	58	3,418.30	A
Rights Of Way		241,051.71			
		0.95	2	35.00	A
Total Pounds On This Commodity	241,052.66				
Structural Pest Control		12,719.03			
Uncultivated Ag		5,544.00	9	872.97	A
Unknown		6,836.21	4	1,198.00	A
Walnut		1,291.46	13	244.50	A
Water (Industrlial)		792.00		4.00	U
		133.65		27.00	A
Total Pounds On This Commodity	925.65				
Water Area		73,429.49	38	8,760.04	A
		65,696.25		82,055.00	U
		4,692.60		28,655.70	K
		3,911.49	1	89,974.75	C
Total Pounds On This Commodity	147,729.83				
Chemical Total		1,914,025.55	2,823		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
COPPER-ZINC SULFATE COMPLEX					
Grape, Wine		< 0.01	2	95.00	A
Chemical Total		< 0.01	2		
CORN PRODUCT, HYDROLYZED					
Almond		83.25	3	57.00	A
Avocado		191.76	71	712.00	A
Blackberry		1.05	2	1.25	A
Blueberry		1.05	2	1.50	A
Cherry		806.68	33	606.00	A
Citrus		2.34	8	88.00	U
Fig		189.67	1	120.00	A
Grape		1.90	1	1.20	A
Grape, Wine		5.01	2	64.00	A
Kumquat		7.59	3	22.50	A
Lemon		8.09	6	25.50	A
N-Outdr Flower		9.11	4	28.11	A
Orange		2.53	2	8.00	A
Peach		10.54	1	10.00	A
Prune		5.27	1	5.00	A
Raspberry		1.05	2	1.25	A
Uncultivated Ag		68.49	2	32.50	A
Walnut		60,324.03	1,810	45,682.99	A
		19.76	1	8.00	U
Total Pounds On This Commodity	60,343.79				
Chemical Total		61,739.17	1,955		
CORN STEEP LIQUOR					
Almond		72.52	1	50.00	A
Cherry		1,412.84	13	322.00	A
Nectarine		4.83	1	1.00	A
Peach		9.67	1	2.00	A
Plum		4.83	1	1.00	A
Walnut		8,449.56	89	3,036.99	A
Chemical Total		9,954.25	106		
CORN SYRUP					
Alfalfa		1,872.16	119	7,595.87	A
Almond		9.32	1	48.00	A
Bermudagrass		3.11	2	20.00	A
Broccoli		6.22	1	34.00	A
Cabbage		< 0.01	1	11.50	A
Cotton		3.11	1	40.00	A
Lettuce, Leaf		11.66	1	50.00	A
Melon		9.32	1	36.00	A
Onion, Dry		12.43	2	47.00	A
Orange		102.70	151	1,315.00	A
Pistachio		7.46	6	420.00	A
Rights Of Way		39.66			
Spinach		35.91	1	154.00	A
Tomato, Processing		27.97	1	30.00	A
Uncultivated Ag		602.68	47	2,727.00	A
Uncultivated Non-Ag		6.02	8	132.00	A
Wheat		141.73	27	1,656.00	A
Chemical Total		2,891.48	370		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
COTTONSEED FLOUR				
Apricot	247.18	14	1,454.00	A
Grape	0.33	1	11.81	A
Lemon	0.03	1	18.00	A
Peach	364.82	19	2,146.00	A
Sweet Potato	107.10	5	315.00	A
Chemical Total	719.46	40		
COTTONSEED OIL				
Alfalfa	15,070.28	297	17,856.81	A
Almond	16,940.50	63	2,965.84	A
Apple	0.73	1	2.50	A
Apricot	146.34	21	1,779.00	A
Avocado	0.58	1	6.00	A
Bean, Dried	22.22	1	20.00	A
Blackberry	21.49	2	6.00	A
Blueberry	141.38	2	159.00	A
Cabbage	1.43	1	7.48	A
Cantaloupe	350.69	6	348.00	A
Celery	24.56	6	126.19	A
Cherry	1,157.86	16	164.07	A
Chinese Cabbage (Nappa)	5.26	3	9.00	A
Citrus	35.56	1	5.00	A
Corn (Forage - Fodder)	1,844.30	25	1,356.39	A
Cotton	23,699.72	248	21,644.99	A
Fig	72.34	12	185.00	A
Grape	402.05	74	1,528.49	A
Grape, Wine	2,877.71	119	10,887.72	A
Grapefruit	2,150.56	3	33.60	A
Greenhouse Fumigation	0.10	1	1.00	A
Landscape Maintenance	8.99			
Lemon	135.77	8	173.00	A
Lettuce, Head	0.07	1	2.00	A
Lettuce, Leaf	390.13	58	492.34	A
Melon	44.45	3	100.00	A
N-Grnhs Plants In Containers	3.30	4	9.50	A
N-Grnhs Transplants	1.11	2	2.00	A
N-Outdr Plants In Containers	27.16	29	58.01	A
Nectarine	331.12	73	893.03	A
Oat	1.78	1	100.00	A
Olive	6.24	1	9.00	A
Onion, Dry	341.30	5	192.49	A
Orange	7,504.82	43	1,393.20	A
Peach	159.18	49	2,423.70	A
Pear	7.28	5	19.30	A
Pepper, Fruiting	165.39	12	542.55	A
Pistachio	155.02	13	723.30	A
Plum	170.91	38	512.02	A
Pomegranate	15.47	4	42.56	A
Prune	31.73	3	98.00	A
Pumpkin	45.44	4	256.00	A
Quince	3.50	1	9.00	A
Rice	81.03	4	45.25	A
Rights Of Way	21.33			
Squash	1.88	2	8.48	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry	32.01	2	33.00	A
Sweet Potato	4.73	5	315.00	A
Tangelo	196.40	7	179.10	A
Tangerine	15.41	7	67.80	A
Tomato	1.97	2	95.00	A
Tomato, Processing	555.29	23	585.88	A
Turf/Sod	92.63	6	104.20	A
Uncultivated Ag	1,310.21	7	1,299.42	A
Walnut	482.49	23	1,093.00	A
Watermelon	177.46	14	557.70	A
Wheat	18.56	9	116.00	A
Chemical Total	77,507.24	1,371		
COUMAFURYL				
Beet	< 0.01	2	2.82	A
Broccoli	< 0.01	1	31.00	A
Grape, Wine	0.03	1	70.00	A
Landscape Maintenance	0.27			
Orange	0.15	1	29.00	A
Rights Of Way	0.29			
Spinach	< 0.01	1	0.92	A
Strawberry	< 0.01	1	10.00	A
Structural Pest Control	< 0.01			
Vertebrate Control	0.25			
Walnut	< 0.01	1	137.00	A
Chemical Total	< 0.01	8		
COUMAFURYL, SODIUM SALT				
Cabbage	< 0.01	1	23.69	A
Celery	< 0.01	2	45.60	A
Lettuce, Leaf	< 0.01	2	26.01	A
Mustard	< 0.01	1	2.88	A
Chemical Total	< 0.01	6		
CREOSOTE				
N-Outdr Flower	0.27	1	1.50	A
Chemical Total	0.27	1		
CRYOLITE				
Apple	25.92	1	9.00	A
Carrot	34.56	1	4.00	A
Grape	387,746.02	1,670	69,713.20	A
Grape, Wine	7,551.47	60	1,433.33	A
Grapefruit	210.24	2	22.00	A
Kiwi	6,518.40	5	679.00	A
Lemon	816.00	2	85.00	A
Melon	61.44	3	6.00	A
N-Grnhs Flower	0.12	1	2.00	A
N-Grnhs Plants In Containers	54.72		120.00	A
N-Outdr Plants In Containers	1,718.77	26	274.87	A
Orange	42,715.36	64	3,234.85	A
Peach	187.20	2	21.00	A
Pepper, Fruiting	17,864.11	68	2,144.15	A
Pumpkin	195.84	3	17.00	A
Rights Of Way	668.16	1	5.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine		2,837.86	11	251.60	A
Unknown		420.48	1	36.50	A
Watermelon		2,082.00	5	257.00	A
Chemical Total		471,708.67	1,926		
CUBE EXTRACTS					
Structural Pest Control		0.25			
Chemical Total		0.25			
CYANURIC ACID					
Landscape Maintenance		78.88	3	87.00	A
Lemon		12.60	1	21.00	A
N-Grnhs Flower		0.74	1	3.00	A
		0.37	1	28,800.00	S
Total Pounds On This Commodity	1.10				
N-Grnhs Plants In Containers		1.96	1	3.00	A
N-Outdr Plants In Containers		16.42	4	4.00	A
Rights Of Way		4.96	3	12.00	A
Chemical Total		115.92	14		
CYAZOFAMID					
Carrot		502.99	49	3,199.12	A
Cucumber		52.35	16	737.00	A
Landscape Maintenance		1.73			
N-Grnhs Flower		0.04	9	2.27	A
N-Grnhs Plants In Containers		1.18	14	2.88	A
N-Outdr Flower		1.33	38	135.97	A
N-Outdr Plants In Containers		2.66	15	118.85	A
Tomato		0.21	2	3.00	A
Unknown		0.16		3.00	A
Chemical Total		562.64	143		
CYCLANILIDE					
Cotton		939.74	242	13,512.04	A
Uncultivated Ag		4.16	1	44.20	A
Chemical Total		943.89	243		
CYCLOATE					
Beet		3,175.47	278	738.69	A
Carrot		0.38	1	0.10	A
Lettuce, Leaf		227.30	2	60.85	A
Research Commodity		2.46			
Soil Fumigation/Preplant		29.56	2	7.50	A
Spinach		20,780.35	1,856	10,830.64	A
Swiss Chard		24.18	2	8.09	A
Chemical Total		24,239.69	2,141		
N-CYCLOPROPYL-N'-(1,1-DIMETHYLETHYL)-6-(METHYLTHIO)-1,3,5-TRIAZINE-2,4-DIAMINE					
Walnut		1.14	1	3.50	A
Chemical Total		1.14	1		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CYFLUTHRIN					
Alfalfa		159.87	61	4,188.30	A
Almond		23.18	11	536.50	A
Animal Premise		5.92	5	685,600.00	S
		0.07		16.00	U
Total Pounds On This Commodity	5.99				
Apple		8.26	8	192.65	A
Apricot		1.39	2	80.00	A
Arrugula		1.21	4	31.00	A
Bean, Dried		24.08	16	718.80	A
Beet		1.33	18	31.84	A
Bok Choy		8.16	67	176.60	A
Broccoli		143.60	353	4,387.90	A
Brussels Sprout		1.56	7	34.50	A
Cantaloupe		9.75	6	242.80	A
Carrot		4.17	4	123.00	A
Cauliflower		21.39	32	476.58	A
Celery		14.35	33	287.40	A
Cherry		7.81	12	230.00	A
Chinese Cabbage (Nappa)		5.96	37	136.54	A
Citrus		2.54	7	57.20	A
Collard		2.73	7	54.69	A
Commodity Fumigation		0.88			
Corn, Human Consumption		147.94	60	3,487.75	A
Cotton		640.95	165	15,578.50	A
Endive (Escarole)		2.25	2	69.00	A
Fumigation, Other		4.18			
Grape		94.07	47	2,059.92	A
Grape, Wine		112.13	77	2,234.86	A
Grapefruit		16.01	18	216.40	A
Household		< 0.01		3.00	A
Industrial Site		3.13	7	63.00	A
Kale		12.01	18	171.43	A
Landscape Maintenance		155.91			
		0.26	5	198.50	A
Total Pounds On This Commodity	156.16				
Lemon		21.33	17	292.51	A
Lettuce, Head		228.39	279	5,318.75	A
Lettuce, Leaf		175.75	301	3,780.51	A
Mustard		4.33	38	86.44	A
N-Grnhs Flower		8.82	185	267.36	A
		1.22	46	1,498,724.00	S
Total Pounds On This Commodity	10.05				
N-Grnhs Plants In Containers		11.88	168	344.90	A
		3.52	101	1,803,923.00	S
		0.32	14	125,400.00	U
Total Pounds On This Commodity	15.73				
N-Grnhs Transplants		1.88	75	906,749.00	S
		0.50	18	13.11	A
Total Pounds On This Commodity	2.38				
N-Outdr Flower		8.12	172	355.04	A
		0.78	14	9,300.00	U
		0.09	16	206,648.00	S
Total Pounds On This Commodity	8.98				
N-Outdr Plants In Containers		222.64	1,434	6,785.94	A
		1.95	5	249.00	U
		0.69	22	660,852.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	225.28				
N-Outdr Transplants		5.71	60	159.50	A
		0.07	4	90,000.00	S
Total Pounds On This Commodity	5.78				
Nectarine		0.21	2	7.25	A
Olive		0.07	2	4.50	A
Orange		1,472.09	893	25,326.61	A
Peach		5.34	15	199.00	A
Pecan		7.73	2	170.00	A
Pepper, Fruiting		31.50	28	749.70	A
Pepper, Spice		1.97	2	45.90	A
Pistachio		20.95	6	545.40	A
Plum		0.21	2	5.50	A
Pomelo		0.80	3	16.00	A
Potato		569.50	161	12,348.48	A
Poultry		1.85	1	5.39	A
Prune		4.38	1	100.00	A
Public Health		0.46			
Radish		1.31	2	43.00	A
Regulatory Pest Control		0.07			
Research Commodity		1.22			
Rights Of Way		9.12			
		0.01	1	2.00	A
Total Pounds On This Commodity	9.13				
Soil Fumigation/Preplant		0.01	1	7.00	A
Sorghum (Forage - Fodder)		265.40	9	444.50	A
Sorghum/Milo		3.98	1	80.00	A
Spinach		69.28	299	1,388.82	A
Strawberry		10.00	2	250.00	A
Structural Pest Control		12,688.06			
Swiss Chard		3.41	38	70.67	A
Tangelo		38.70	38	564.87	A
Tangerine		282.17	83	5,636.84	A
Tomato		99.41	59	2,461.17	A
Tomato, Processing		205.08	92	5,091.91	A
Turf/Sod		0.31	1	142,000.00	S
Turnip		1.84	12	40.50	A
Unknown		0.33	6	6.45	A
Vertebrate Control		4.93			
Walnut		149.19	104	3,463.45	A
Watermelon		15.15	7	323.30	A
Chemical Total		18,301.07	5,931		
BETA-CYFLUTHRIN					
Alfalfa		1,792.47	1,708	97,273.90	A
Almond		37.69	29	1,951.66	A
Animal Premise		14.56		19.00	U
		6.99		396,000.00	C
		1.97		150.00	K
		0.74			
Total Pounds On This Commodity	24.26				
Apple		11.41	19	490.90	A
Apricot		2.26	6	59.10	A
Arrugula		3.38	16	105.39	A
Bean, Dried		23.92	18	980.00	A
Beet		1.23	8	57.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bok Choy		8.76	121	350.27	A
Broccoli		34.05	79	1,325.70	A
Brussels Sprout		0.34	1	12.80	A
Cabbage		32.01	142	1,228.30	A
		0.25	1	10.00	U
Total Pounds On This Commodity	32.26				
Carrot		6.04	3	255.99	A
Cauliflower		7.38	21	317.44	A
Celery		22.47	83	848.85	A
Cherry		1.81	4	71.00	A
Chinese Cabbage (Nappa)		10.69	51	378.30	A
Citrus		3.57	10	85.50	A
Collard		2.75	14	121.92	A
Commodity Fumigation		< 0.01			
Corn (Forage - Fodder)		27.21	17	1,169.00	A
Corn, Human Consumption		827.45	489	35,854.14	A
Cotton		175.80	43	6,549.60	A
Cucumber		4.20	11	178.00	A
Endive (Escarole)		4.04	8	150.00	A
Forage Hay/Silage		13.45	25	1,088.50	A
Fumigation, Other		1.14			
Grape		525.80	476	20,837.02	A
Grape, Wine		101.48	85	4,008.46	A
Grapefruit		21.29	63	819.60	A
Herb, Spice		0.05	1	3.00	A
Horseradish		3.23	1	169.00	A
Household		0.06		20.00	U
		0.02		3.00	A
Total Pounds On This Commodity	0.08				
Kale		0.53	8	21.27	A
Kohlrabi		0.14	6	4.75	A
Landscape Maintenance		240.86			
		0.15	3	150.00	A
Total Pounds On This Commodity	241.02				
Lemon		33.14	47	1,068.00	A
Lettuce, Head		50.11	147	2,016.23	A
Lettuce, Leaf		138.80	227	5,627.69	A
Melon		4.06	4	214.80	A
Mizuna		2.86	12	112.55	A
Mustard		9.87	71	446.01	A
N-Grnhs Flower		0.07	1	1.00	A
N-Grnhs Plants In Containers		2.54	3	1.10	A
N-Outdr Flower		0.02	1	2.00	A
N-Outdr Plants In Containers		80.58	41	221.69	A
		0.09	18	5,425.00	U
		< 0.01	1	750.00	S
Total Pounds On This Commodity	80.67				
Nectarine		25.68	88	1,194.35	A
Orange		1,589.17	1,637	48,797.48	A
Pastureland		16.11	27	918.00	A
Peach		45.27	142	2,149.13	A
Pear		0.08	1	4.00	A
Pepper, Fruiting		49.83	63	2,283.39	A
Pistachio		678.46	351	32,704.49	A
Plum		11.06	20	521.57	A
Pomelo		1.75	7	65.00	A
Potato		59.42	46	2,688.33	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Prune		3.36	1	142.40	A
Public Health		1.80			
Pumpkin		0.95	5	38.50	A
Radicchio		12.07	8	478.00	A
Radish		9.50	66	407.80	A
Regulatory Pest Control		8.18			
Research Commodity		0.40	1	20.00	A
Rights Of Way		9.80			
		1.29	1	13.00	A
Total Pounds On This Commodity	11.09				
Sorghum (Forage - Fodder)		9.89	7	419.00	A
Spinach		118.57	213	4,374.66	A
Squash		0.29	3	12.00	A
Structural Pest Control		6,255.01			
Sudangrass		1.11	2	47.00	A
Swiss Chard		2.64	13	102.10	A
Tangelo		35.64	69	1,249.91	A
Tangerine		131.87	171	4,999.41	A
Timothy		27.04	40	1,530.80	A
Tomato		2.99	6	95.00	A
Tomato, Processing		137.97	72	6,081.00	A
Turf/Sod		0.26		120,000.00	U
Turnip		2.75	28	121.25	A
Uncultivated Non-Ag		0.20	1	2.00	A
Unknown		1.87	2	78.90	A
Vertebrate Control		8.11			
Walnut		33.34	47	1,275.76	A
Wheat		4.24	2	221.00	A
Chemical Total		13,593.76	7,283		
CYHALOFOP BUTYL					
Rice		24,402.11	1,072	76,145.06	A
Wheat		17.13	1	57.00	A
Chemical Total		24,419.24	1,073		
CYMOXANIL					
Lettuce, Head		4,480.45	1,696	20,138.82	A
Lettuce, Leaf		114.32	16	867.60	A
N-Grnhs Transplants		16.20	25	142.24	A
N-Outdr Transplants		0.29	2	2.33	A
Pepper, Fruiting		17.08	5	121.00	A
Potato		1,516.53	248	12,498.23	A
Spinach		20.00	7	147.00	A
Squash		1.25	1	10.00	A
Tomato		933.40	206	7,846.33	A
Tomato, Processing		981.44	94	7,198.57	A
Uncultivated Ag			2	111.50	A
Chemical Total		< 0.01	2,302		
CYPERMETHRIN					
Alfalfa		47.42	21	979.00	A
Animal Premise		162.59		485.00	U
		34.78		281.07	A
Total Pounds On This Commodity	197.37				
Bean, Succulent		0.17	1	5.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bean, Unspecified		7.33	4	158.62	A
Bok Choy		6.94	59	124.85	A
Broccoli		32.05	50	471.40	A
Buildings/Non-Ag Outdroor		18.60		6.00	U
Cabbage		63.40	114	823.69	A
Cauliflower		3.39	7	73.50	A
Celery		13.90	26	296.20	A
Chinese Cabbage (Nappa)		10.75	83	136.78	A
Collard		2.22	3	14.82	A
Cotton		0.23	5	210.00	A
Endive (Escarole)		4.00	10	86.20	A
Fennel		0.18	1	3.50	A
Fumigation, Other		0.03			
Garlic		106.32	8	1,099.00	A
Kale		41.95	59	297.84	A
Landscape Maintenance		2,496.80			
		30.13	6	362.50	A
Total Pounds On This Commodity	2,526.93				
Leek		9.86	15	102.50	A
Lettuce, Head		183.80	162	2,588.24	A
Lettuce, Leaf		47.42	55	1,063.25	A
Mustard		1.76	14	25.95	A
N-Grnhs Flower		5.04	2	1.00	A
N-Grnhs Plants In Containers		0.30	5	6.25	A
N-Grnhs Transplants		0.33	10	3.00	A
N-Outdr Flower		0.02	1	2.00	A
N-Outdr Plants In Containers		0.99	4	5.00	A
N-Outdr Transplants		2.02	29	39.80	A
Onion, Dry		551.16	114	5,721.50	A
Onion, Green		2.11	2	21.80	A
Peas		0.13	1	3.00	A
Pepper, Fruiting		8.18	5	176.90	A
Public Health		5.38			
Rappini		3.74	2	49.60	A
Regulatory Pest Control		0.13			
Research Commodity		0.89			
Rice		16.01	1	368.80	A
Rights Of Way		66.70			
Spinach		1.86	6	38.95	A
Structural Pest Control		65,391.70			
Swiss Chard		1.33	2	13.20	A
Tomato		11.95	7	258.70	A
Tomato, Processing		13.23	6	271.00	A
Chemical Total		69,409.26	900		
(S)-CYPERMETHRIN					
Alfalfa		1,324.82	687	40,664.53	A
Almond		12.64	4	402.00	A
Apple		0.92	1	36.00	A
Arrugula		5.95	41	175.66	A
Artichoke, Globe		6.43	2	11.48	A
Bean, Dried		60.23	38	1,684.50	A
Bean, Succulent		20.16	39	294.20	A
Bean, Unspecified		7.63	31	194.50	A
Beet		0.24	1	4.82	A
Blackberry		11.72	92	434.55	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Blueberry		8.84	5	348.50	A
Bok Choy		93.12	628	2,209.13	A
Broccoli		364.07	588	10,062.83	A
Brussels Sprout		6.40	11	141.99	A
Cabbage		161.42	312	3,962.12	A
Canola (Rape)		2.91	1	60.00	A
Cantaloupe		20.82	12	850.10	A
Carrot		17.11	17	723.70	A
Cauliflower		84.08	163	2,142.52	A
Celery		508.10	1,110	12,736.03	A
Chicory		3.78	5	79.50	A
Chinese Cabbage (Nappa)		83.85	552	2,054.12	A
Cilantro		17.76	62	397.66	A
Collard		7.01	33	223.79	A
Corn (Forage - Fodder)		32.74	47	2,203.80	A
Corn Salad		4.66	40	99.28	A
Corn, Human Consumption		562.57	381	16,793.35	A
Cotton		601.03	125	15,092.69	A
Cucumber		0.73	8	17.50	A
Endive (Escarole)		55.75	322	1,469.63	A
Fava Bean		0.27	2	6.00	A
Fennel		3.22	14	71.80	A
Gai Lon		19.23	150	569.66	A
Garlic		43.84	34	1,250.40	A
Grape, Wine		0.05	1	2.00	A
Kale		28.37	88	750.20	A
Kohlrabi		0.11	3	2.29	A
Leek		7.84	33	189.05	A
Lemon		0.38	2	19.00	A
Lettuce, Head		2,300.28	4,036	65,006.23	A
Lettuce, Leaf		2,802.43	6,864	74,343.65	A
		< 0.01	3	3,000.00	S
Total Pounds On This Commodity	2,802.44				
Melon		385.51	10	239.30	A
Mizuna		4.45	15	102.89	A
Mustard		58.83	433	1,611.02	A
N-Grnhs Flower		1.14	12	24.75	A
N-Grnhs Transplants		0.83	6	28.50	A
N-Outdr Plants In Containers		0.13	1	5.00	A
N-Outdr Transplants		0.14	2	3.00	A
Onion, Dry		2,393.27	443	21,898.49	A
Onion, Green		17.84	69	432.15	A
Orange		83.76	147	4,955.00	A
Parsley		29.38	25	1,147.41	A
Peas		123.79	293	2,792.70	A
Pepper, Fruiting		218.72	264	6,706.89	A
Pimento		1.51	2	42.00	A
Plum		1.08	3	49.00	A
Pomelo		0.04	1	3.00	A
Potato		48.66	25	1,393.50	A
Prune		0.66	1	26.00	A
Pumpkin		0.30	2	12.00	A
Radicchio		3.95	2	80.00	A
Radish		0.06	2	1.16	A
Rappini		303.39	274	7,068.98	A
Raspberry		107.47	218	2,830.72	A
Research Commodity		0.38			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.09	4	3.30	A
Total Pounds On This Commodity	0.47				
Rice		1,051.22	875	35,287.25	A
Rice, Wild		2.34	1	52.00	A
Rights Of Way		0.50	1	5.00	A
Safflower		1,309.66	76	27,707.00	A
Sorghum (Forage - Fodder)		2.86	2	113.00	A
Sorghum/Milo		2.95	1	75.00	A
Spinach		286.85	1,052	6,979.02	A
Squash		0.71	4	28.00	A
Squash, Summer		2.58	6	67.00	A
Squash, Winter		1.23	3	53.00	A
Structural Pest Control		0.02			
Sugarbeet		306.10	187	12,185.84	A
Sunflower		9.91	9	341.25	A
Swiss Chard		17.20	100	487.48	A
Tangelo		4.20	8	213.00	A
Tangerine		4.95	19	220.73	A
Tomatillo		0.81	1	30.00	A
Tomato		183.92	139	5,214.39	A
Tomato, Processing		462.54	173	13,831.64	A
Turnip		4.97	13	190.23	A
Unknown		5.86	65	183.21	A
Vertebrate Control		0.37	1	8.00	A
Walnut		1.40	1	55.00	A
Watermelon		11.00	13	424.70	A
Wheat		39.79	28	1,031.30	A
Chemical Total		16,792.80	21,620		
CYPRODINIL					
Almond		46,878.09	3,034	190,913.23	A
Apple		14.11	5	78.50	A
Apricot		370.96	77	1,590.75	A
Arrugula		10.26	5	34.10	A
Basil, Sweet		8.12	11	27.50	A
Bean, Succulent		8.56	11	33.20	A
Blackberry		25.02	11	82.04	A
Blueberry		24.82	8	91.00	A
Broccoli		14.33	10	46.25	A
Brussels Sprout		49.45	19	167.90	A
Cabbage		0.82	5	2.50	A
Cauliflower		28.62	14	101.55	A
Celery		18.35	2	57.40	A
Chive		1.13	1	4.00	A
Endive (Escarole)		38.81	4	138.00	A
Fava Bean		4.08	4	24.00	A
Grape		23,195.26	1,099	53,476.94	A
Grape, Wine		28,640.32	1,737	62,668.03	A
Herb, Spice		11.84	14	16.75	U
		8.63	24	47.25	A
Total Pounds On This Commodity	20.46				
Kale		1.87	1	7.25	A
Landscape Maintenance		1.50			
Leek		1.48	2	4.50	A
Lettuce, Head		790.88	219	2,607.81	A
Lettuce, Leaf		738.42	278	2,492.99	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Transplants		5.29	16	18.64	A
		0.08	4	19,810.00	S
Total Pounds On This Commodity	5.37				
N-Outdr Flower		1.83	2	5.20	A
N-Outdr Plants In Containers		77.68	39	281.88	A
N-Outdr Transplants		276.82	75	716.69	A
Nectarine		600.77	202	2,529.64	A
Onion, Dry		63.40	11	193.20	A
Oregano		1.03	1	4.50	A
Parsley		67.89	37	226.69	A
Peach		3,194.95	681	13,349.29	A
Pear		18.98	7	166.00	A
Pistachio		1,378.30	58	4,260.49	A
Plum		286.94	84	1,107.77	A
Prune		1,285.27	123	6,627.44	A
Radicchio		14.77	1	45.00	A
Raspberry		51.20	19	184.56	A
Research Commodity		0.13			
Rights Of Way		4.20			
Strawberry		12,770.29	1,064	39,877.60	A
Structural Pest Control		66.68	12	452.20	A
Swiss Chard		3.30	8	10.47	A
Tarragon		0.08	1	0.25	A
Watercress		6.19	12	24.00	A
Chemical Total		121,061.78	9,052		
CYROMAZINE					
Animal Premise		3.54		31.00	U
		0.22		2.50	A
Total Pounds On This Commodity	< 0.01				
Bean, Dried		90.85	13	728.59	A
Bean, Succulent		6.23	2	50.00	A
Bok Choy		4.62	29	36.91	A
Broccoli		8.22	10	65.90	A
Cabbage		14.41	8	115.49	A
Cauliflower		2.26	2	18.10	A
Celery		2,342.77	1,466	18,896.05	A
Chinese Cabbage (Nappa)		30.48	90	243.88	A
Collard		4.65	7	37.26	A
Endive (Escarole)		0.12	2	1.00	A
Kale		0.82	3	8.04	A
Landscape Maintenance		0.84			
Leek		7.19	27	57.51	A
Lettuce, Head		1,185.16	829	9,590.24	A
Lettuce, Leaf		1,197.40	1,135	9,532.22	A
Mushroom		170.11	219	1,816,620.00	S
		17.67	4	13.20	A
Total Pounds On This Commodity	187.78				
Mushroom Soil		0.80	2	20,000.00	S
Mustard		3.20	20	25.62	A
N-Grnhs Flower		360.39	800	2,082.00	A
		16.50	61	2,755,995.00	S
Total Pounds On This Commodity	376.89				
N-Grnhs Plants In Containers		198.29	404	471.86	A
		10.75	82	1,781,122.00	S
Total Pounds On This Commodity	209.04				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Transplants		20.72	30	18.33	A
		1.27	36	1,229,061.00	S
Total Pounds On This Commodity	21.99				
N-Outdr Flower		35.66	89	201.76	A
		1.14	10	101,904.00	S
Total Pounds On This Commodity	36.80				
N-Outdr Plants In Containers		27.55	97	164.02	A
		2.03	10	325,000.00	S
Total Pounds On This Commodity	29.57				
N-Outdr Transplants		3.03	10	434,839.40	S
		1.24	5	7.45	A
Total Pounds On This Commodity	4.27				
Onion, Dry		295.43		2,618.32	K
		184.74	75	1,481.38	A
Total Pounds On This Commodity	480.17				
Onion, Green		74.81	104	563.26	A
Pepper, Fruiting		136.28	37	1,086.44	A
Research Commodity		1.24	2	9.93	A
Rights Of Way		0.49	2	2.50	A
Spinach		411.58	562	3,295.30	A
Structural Pest Control		15.65			
Swiss Chard		14.21	31	121.42	A
Tomato		130.64	17	1,104.00	A
Chemical Total		7,035.17	6,332		
2,4-D					
Almond		5,174.17	233	10,142.62	A
Barley		19.84	3	201.00	A
Cherry		17.23	3	40.00	A
Corn (Forage - Fodder)		38.70	2	214.00	A
Forage Hay/Silage		719.21	11	1,408.00	A
Landscape Maintenance		460.48			
		9.80	4	18.00	A
Total Pounds On This Commodity	470.28				
N-Grnhs Transplants		0.04	1	1.00	A
		< 0.01	1	10,000.00	S
Total Pounds On This Commodity	0.04				
N-Outdr Plants In Containers		< 0.01	1	0.01	A
Oat		223.23	2	429.00	A
Oat (Forage - Fodder)		43.39	1	80.00	A
Pastureland		9.15	2	25.00	A
Peach		40.44	7	150.19	A
Pecan		11.71	1	9.00	A
Pistachio		406.76	13	499.20	A
Plum		10.85	1	12.50	A
Prune		433.04	23	974.30	A
Regulatory Pest Control		11.20			
Research Commodity		6.10			
Rice		< 0.01		0.03	A
Rights Of Way		655.74			
		0.81	2	2.00	A
Total Pounds On This Commodity	656.55				
Structural Pest Control		1.91			
Turf/Sod		9.60	2	7.00	A
		0.32	1	6,000.00	S
Total Pounds On This Commodity	9.92				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Uncultivated Ag		1.08	1	1.00	A
Uncultivated Non-Ag		25.98	4	152.50	A
Unknown		1.73	1	15.00	A
Walnut		575.85	67	3,334.90	A
Wheat		1,035.92	89	5,502.50	A
Wheat (Forage - Fodder)		650.16	40	1,589.60	A
Chemical Total		10,594.46	516		
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL AMINES)					
Asparagus		100.67	3	46.00	A
Landscape Maintenance		1.82	1	100.00	A
Pastureland		5.84	2	8.00	A
Strawberry		3.28	3	12.00	A
Uncultivated Ag		18.91	1	103.70	A
Chemical Total		130.53	10		
2,4-D, BUTOXYETHANOL ESTER					
Barley		484.31	6	706.00	A
Landscape Maintenance		2.99			
Oat		226.74	1	331.00	A
Pastureland		16.24	2	25.00	A
Rangeland		99.98	6	86.50	A
Regulatory Pest Control		19.89			
Research Commodity		10.83			
Rights Of Way		1,096.68			
		4.19	3	4.00	A
Total Pounds On This Commodity	1,100.87				
Structural Pest Control		3.39			
Uncultivated Non-Ag		46.12	4	152.50	A
Wheat		735.32	66	3,798.50	A
Chemical Total		2,746.67	88		
2,4-D, BUTYL ESTER					
N-Outdr Flower		1.71	2	6.00	A
Structural Pest Control		0.46			
Chemical Total		2.17	2		
2,4-D, DIETHANOLAMINE SALT					
Almond		3,940.27	297	14,506.38	A
Cherry		160.68	27	530.86	A
Landscape Maintenance		2.61			
Peach		146.03	21	508.99	A
Pear		0.40	2	60.00	A
Plum		5.76	2	23.67	A
Prune		81.84	7	462.00	A
Rights Of Way		1.29			
Walnut		574.51	87	2,838.65	A
Chemical Total		4,913.38	443		
2,4-D, DIMETHYLAMINE SALT					
Alfalfa		251.48	4	123.00	A
Almond		101,969.13	2,470	126,860.41	A
		74.28	2	221.00	U
Total Pounds On This Commodity	102,043.41				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple		16.97	6	32.00	A
Apricot		897.06	51	922.53	A
Asparagus		596.20	13	540.75	A
Barley		6,274.69	110	8,361.87	A
Barley (Forage - Fodder)		606.82	20	838.50	A
Bermudagrass		12,321.07	118	9,984.50	A
Cherry		1,638.10	99	1,859.82	A
Citrus		75.84	12	52.02	A
Clover		363.95	13	374.29	A
Corn (Forage - Fodder)		6,432.19	110	10,646.45	A
Corn, Grain		197.15	6	241.10	A
Corn, Human Consumption		245.10	10	293.53	A
Ditch Bank		4.53	1	2.00	A
Farm/Ag Building		4.52	2	4.00	A
Forage Hay/Silage		7,852.48	207	9,596.65	A
Forest, Timberland		31.15	3	29.00	A
Grain		682.12	12	822.92	A
Grape		13,445.43	667	24,917.37	A
		10.90	1	27.00	U
Total Pounds On This Commodity	13,456.33				
Grape, Wine		8,637.51	307	18,334.15	A
Grapefruit		613.56	33	501.45	A
Grass, Seed		376.00	24	307.30	A
Landscape Maintenance		7,260.59			
		31.98	14	306.00	A
		0.12	1	1.00	U
		0.02	2	6,000.00	S
Total Pounds On This Commodity	7,292.71				
Lemon		796.85	54	1,225.50	A
N-Grnhs Plants In Containers		0.02	1	2.00	A
N-Grnhs Transplants		8.20		22.60	A
		0.55	2	40,000.00	S
Total Pounds On This Commodity	8.75				
N-Outdr Flower		1.13	1	1.00	A
N-Outdr Plants In Containers		327.12	33	357.17	A
N-Outdr Transplants		390.10	12	296.50	A
Nectarine		7,547.78	831	8,645.68	A
Oat		9,251.34	270	10,238.72	A
Oat (Forage - Fodder)		8,359.49	279	9,760.11	A
Olive		19.35	3	37.00	A
Orange		7,360.17	529	11,933.28	A
Pastureland		8,377.26	257	9,443.97	A
Peach		12,074.53	1,075	12,496.99	A
Pear		1,068.26	31	1,085.00	A
Pecan		199.23	9	200.00	A
Pistachio		3,859.02	128	5,193.50	A
Plum		6,212.19	505	6,381.39	A
Pluot		277.75	14	169.86	A
Prune		6,432.90	309	8,207.26	A
Rangeland		2,765.41	61	7,997.90	A
Regulatory Pest Control		2,595.25			
		94.52		21.00	A
Total Pounds On This Commodity	2,689.77				
Research Commodity		44.66			
Rice		4,224.11	235	22,584.49	A
		34.50	2	227.69	U
Total Pounds On This Commodity	4,258.61				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way		19,465.09			
		206.59	15	184.40	A
Total Pounds On This Commodity	19,671.67				
Rye		552.27	17	554.50	A
Ryegrass		4,565.75	136	5,212.00	A
Safflower		72.22	3	132.50	A
Soil Fumigation/Preplant		3,068.27	38	4,025.60	A
Sorghum (Forage - Fodder)		1,529.48	45	2,472.90	A
Sorghum/Milo		29.56	2	44.00	A
Structural Pest Control		93.31			
		40.88	2	29.16	A
Total Pounds On This Commodity	134.20				
Sudangrass		1,159.19	17	1,307.00	A
Tangelo		156.25	14	369.00	A
Tangerine		1,136.19	117	4,338.52	A
Timothy		604.69	32	1,176.20	A
Triticale		3,395.00	91	5,340.80	A
Turf/Sod		2,090.21	99	2,179.67	A
		1.02	1	74,000.00	S
Total Pounds On This Commodity	2,091.23				
Uncultivated Ag		36,239.57	311	38,497.34	A
		18.11	2	116.25	U
Total Pounds On This Commodity	36,257.68				
Uncultivated Non-Ag		1,590.74	35	1,358.47	A
Unknown		577.38	7	553.00	A
Vertebrate Control		12.39			
Walnut		16,184.02	718	17,302.74	A
Water (Industrlial)		11.25	1	5.00	A
Water Area		374.51		92.81	A
Wheat		87,346.50	1,442	88,903.04	A
Wheat (Forage - Fodder)		6,982.80	150	8,881.92	A
Chemical Total		440,735.88	12,254		
2,4-D, 2-ETHYLHEXYL ESTER					
Corn (Forage - Fodder)		16.83	1	31.00	A
Corn, Human Consumption		13.03	1	18.00	A
Forage Hay/Silage		130.31	1	60.00	A
Forest, Timberland		466.91	33	759.10	A
Landscape Maintenance		8,361.18			
		82.60	24	523.90	A
		0.11	1	4,000.00	S
Total Pounds On This Commodity	8,443.89				
N-Grnhs Flower		0.12		0.50	A
N-Outdr Plants In Containers		29.19	6	23.69	A
Oat		25.34	2	45.00	A
Oat (Forage - Fodder)		110.73	7	119.00	A
Pastureland		240.03	22	271.50	A
Potato		34.29	3	379.00	A
Rangeland		15.93	1	17.00	A
Regulatory Pest Control		269.21			
Rights Of Way		867.32			
		314.61	7	219.50	A
Total Pounds On This Commodity	1,181.93				
Soil Fumigation/Preplant		90.49	1	100.00	A
Sorghum/Milo		61.10	1	80.00	A
Structural Pest Control		29.10			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Turf/Sod		594.42	63	1,786.76	A
		22.11		4,086.00	T
		1.28	4	140,000.00	S
Total Pounds On This Commodity	617.81				
Uncultivated Ag		298.39	3	174.00	A
Uncultivated Non-Ag		250.47	8	435.90	A
Unknown		13.59	3	41.00	A
Walnut		4.34	1	15.10	A
Wheat		2,565.05	73	3,754.00	A
Wheat (Forage - Fodder)		22.37	2	45.00	A
Chemical Total		14,930.46	268		
2,4-D, ISOOCTYL ESTER					
Forest, Timberland		2,813.37	55	1,852.60	A
Landscape Maintenance		739.61			
		54.02	26	146.00	A
		0.20	1	20,000.00	S
Total Pounds On This Commodity	793.83				
N-Grnhs Transplants		8.47		2.00	A
Oat		64.29	1	128.00	A
Pastureland		241.07	1	120.00	A
Rights Of Way		77.18			
Structural Pest Control		0.35			
Chemical Total		3,998.55	84		
2,4-D, ISOPROPYL ESTER					
Citrus		26.67		9,445.26	T
		15.85	7	185.50	A
		5.13		22,935.00	U
Total Pounds On This Commodity	< 0.01				
Grapefruit		195.99	113	1,834.30	A
Lemon		156.48	152	3,869.16	A
		31.78		50,698.36	T
Total Pounds On This Commodity	188.26				
N-Outdr Plants In Containers		0.53	4	28.00	A
Orange		9,745.55	4,793	114,877.38	A
		1,814.75		15,114.15	T
		20.00		5,081.20	U
Total Pounds On This Commodity	11,580.30				
Tangelo		279.01	261	4,464.93	A
Tangerine		727.17	124	5,951.08	A
Chemical Total		13,018.92	5,454		
2,4-D, PROPYL ESTER					
Orange		97.85	77	1,741.50	A
Tangelo		1.03	1	9.00	A
Chemical Total		98.87	78		
2,4-D, TRIETHYLAMINE SALT					
Almond		450.33	5	715.00	A
Cherry		21.57	2	25.00	A
Chemical Total		471.90	7		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2,4-D, TRIISOPROPANOLAMINE SALT					
Asparagus		924.01	13	540.75	A
Landscape Maintenance		102.55			
Regulatory Pest Control		640.54			
Rights Of Way		263.21			
Chemical Total		1,930.32	13		
2,4-D, TRIISOPROPYLAMINE SALT					
Landscape Maintenance		1,928.63			
Structural Pest Control		0.07			
Chemical Total		1,928.70			
DALAPON, MAGNESIUM SALT					
N-Outdr Flower		0.31	2	16.00	A
Chemical Total		0.31	2		
DALAPON, SODIUM SALT					
N-Outdr Flower		1.87	2	16.00	A
Chemical Total		1.87	2		
DAMINOZIDE					
Landscape Maintenance		0.19			
N-Grnhs Flower		464.10	210	105.09	A
		271.45	206	4,643,796.00	S
Total Pounds On This Commodity	735.55				
N-Grnhs Plants In Containers		1,961.48	830	964.64	A
		1,192.23	698	12,319,833.00	S
		2.04	4	28,400.00	U
Total Pounds On This Commodity	3,155.75				
N-Grnhs Transplants		295.66	419	5,074,648.40	S
		22.30	13	15.02	A
Total Pounds On This Commodity	317.97				
N-Outdr Flower		112.56	37	33.93	A
		102.40	153	1,110,861.00	S
Total Pounds On This Commodity	214.97				
N-Outdr Plants In Containers		1,375.36	354	226.95	A
		335.26	244	2,326,520.80	S
		0.21	1	100.00	U
Total Pounds On This Commodity	1,710.83				
N-Outdr Transplants		187.36	190	125.80	A
		0.11	1	800.00	S
Total Pounds On This Commodity	187.46				
Research Commodity		0.08			
Rights Of Way		10.47	5	4.90	A
		8.75			
Total Pounds On This Commodity	19.21				
Chemical Total		6,341.99	3,365		
DAZOMET					
Almond		21.66	1	35.00	A
Dill		0.09	1	1.00	A
Grape, Wine		31.68	1	4.00	A
Landscape Maintenance		1,374.14			
N-Outdr Flower		297.00	8	46,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach		0.77	1	1.00	A
Prune		816.75	3	161.00	A
Rights Of Way		51,935.32			
Soil Fumigation/Preplant		1,831.50	1	5.25	A
		12.09		704.56	S
Total Pounds On This Commodity	1,843.59				
Turf/Sod		792.00	1	2.00	A
Walnut		71.16	1	1.00	A
Wheat		98.95	2	90.00	A
Chemical Total		57,283.11	20		
2,4-DB ACID					
Alfalfa		13,449.55	309	21,553.76	A
Chemical Total		13,449.55	309		
4-(2,4-DB), DIMETHYLAMINE SALT					
Alfalfa		29,309.48	799	41,605.11	A
Clover		265.57	6	174.60	A
N-Outdr Plants In Containers		15.33	2	15.30	A
Nuts		0.52	1	7.00	A
Oat		26.43	1	60.00	A
Rights Of Way		2.94			
Uncultivated Ag		116.77	2	73.80	A
Chemical Total		29,737.04	811		
DDVP					
Animal Premise		716.55		2,602.07	A
		636.70		2,734.00	U
Total Pounds On This Commodity	< 0.01				
Chicken		7.26		52.00	U
Commodity Fumigation		385.27			
		0.79		300,000.00	C
		0.53		300,000.00	S
		0.53		15,000.00	K
Total Pounds On This Commodity	387.12				
Food Procressing Plant		44.41		300,000.00	S
		28.02		300,000.00	U
Total Pounds On This Commodity	72.43				
Fumigation, Other		186.72			
Industrial Site		1.32	1	15.00	A
Landscape Maintenance		282.20			
		< 0.01	1	36.50	A
Total Pounds On This Commodity	282.21				
Lettuce, Leaf		0.98	1	7.00	A
N-Outdr Flower		0.35	1	8.00	A
Poultry		6.79		26.00	U
Public Health		37.13			
Research Commodity		12.04			
Rice, Wild		7.27		750,000.00	C
Rights Of Way		46.34			
Storage Area/Box		6.61		120,000.00	S
		2.64		640.00	K
		0.82		320,000.00	C
		0.53		1.00	U
Total Pounds On This Commodity	10.60				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		1,727.75			
Chemical Total		4,139.57	4		
DDVP, OTHER RELATED					
Animal Premise		53.64		2,602.07	A
		47.82		2,734.00	U
Total Pounds On This Commodity	< 0.01				
Chicken		0.55		52.00	U
Commodity Fumigation		21.33			
		0.02		300,000.00	C
		0.01		300,000.00	S
		0.01		15,000.00	K
Total Pounds On This Commodity	21.37				
Food Procressing Plant		1.14		300,000.00	S
		0.72		300,000.00	U
Total Pounds On This Commodity	1.86				
Fumigation, Other		7.05			
Industrial Site		0.03	1	15.00	A
Landscape Maintenance		18.34			
		< 0.01	1	36.50	A
Total Pounds On This Commodity	18.34				
Lettuce, Leaf		0.07	1	7.00	A
N-Outdr Flower		0.03	1	8.00	A
Poultry		0.51		26.00	U
Public Health		2.80			
Research Commodity		0.90			
Rice, Wild		0.19		750,000.00	C
Rights Of Way		3.03			
Storage Area/Box		0.17		120,000.00	S
		0.07		640.00	K
		0.02		320,000.00	C
		0.01		1.00	U
Total Pounds On This Commodity	0.27				
Structural Pest Control		101.56			
Chemical Total		260.01	4		
(E)-5-DECENOL					
Peach		0.97	5	117.60	A
Chemical Total		0.97	5		
(E)-5-DECENYL ACETATE					
Peach		3.91	5	117.60	A
Chemical Total		3.91	5		
ALPHA-DECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Plum		33.32	2	116.50	A
Chemical Total		33.32	2		
ALPHA-DECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE					
Alfalfa		52.72	60	4,031.90	A
Almond		359.61	20	1,352.70	A
Bermudagrass		7.71	2	265.00	A
Carrot		21.23	8	318.00	A
Corn (Forage - Fodder)		45.29	14	907.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton		2.97	1	53.00	A
Grape, Wine		1.04	1	155.00	A
Nectarine		68.48	19	338.68	A
Oat (Forage - Fodder)		2.00	1	27.00	A
Onion, Dry		14.37	20	220.50	A
Orange		5.04	2	25.00	A
Peach		91.35	29	459.75	A
Pepper, Fruiting		0.96	1	52.00	A
Plum		98.31	32	458.80	A
Prune		34.35	5	107.44	A
Rights Of Way		26.69			
Sugarbeet		1.33	3	148.00	A
Tomato		5.55	3	362.00	A
Walnut		23.40	10	560.98	A
Chemical Total		862.42	231		
DEET					
Landscape Maintenance		48.84	3	41.30	A
N-Grnhs Plants In Containers		0.22	2	5.00	A
N-Outdr Flower		0.38	10	14.00	A
Structural Pest Control		10.73			
Chemical Total		60.17	15		
DEET, OTHER RELATED					
Landscape Maintenance		2.57	3	41.30	A
Structural Pest Control		0.56			
Chemical Total		3.13	3		
DELTAMETHRIN					
Almond		18.00	12	590.00	A
Artichoke, Globe		443.55	441	14,903.98	A
Beet		3.49	34	121.56	A
Broccoli		0.45	1	15.00	A
Carrot		0.93	1	31.00	A
Cauliflower		0.30	1	10.00	A
Commodity Fumigation		< 0.01			
Corn, Human Consumption		24.82	16	971.80	A
Food Procressing Plant		0.20		561,000.00	S
Landscape Maintenance		552.42	16	712.50	A
		53.10			
Total Pounds On This Commodity	605.52				
N-Grnhs Flower		< 0.01	1	0.10	A
N-Grnhs Plants In Containers		0.16	4	8.10	A
		< 0.01	1	1,750.00	S
Total Pounds On This Commodity	0.16				
N-Grnhs Transplants		0.12	6	0.12	A
N-Outdr Flower		0.30	21	5.25	A
N-Outdr Plants In Containers		6.23	116	178.74	A
		0.01	2	6,000.00	U
		< 0.01	1	3,750.00	S
Total Pounds On This Commodity	6.25				
Public Health		344.97			
Radish		0.69	40	25.55	A
Regulatory Pest Control		1.16			
Rights Of Way		0.36			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		4,009.93			
		< 0.01		1,000.00	S
Total Pounds On This Commodity	4,009.94				
Tomato, Processing		5.21	4	309.00	A
Vertebrate Control		0.02			
Walnut		0.21	1	10.00	A
Chemical Total		5,466.67	719		
DELTAMETHRIN, OTHER RELATED					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
DEMETON					
Grape, Wine		< 0.01	1	3,660.00	S
Lemon		2.46	1	10.00	A
Chemical Total		2.46	2		
DERIVATED NATURAL POLYMERS					
Alfalfa		13.70	82	5,626.50	A
Almond		4.34	32	1,870.85	A
Barley		2.61	21	1,230.60	A
Bean, Dried		0.40	6	203.00	A
Cantaloupe		0.06	2	38.00	A
Cherry		0.01	1	24.00	A
Corn (Forage - Fodder)		14.91	101	5,826.39	A
Corn, Grain		9.31	22	897.00	A
Corn, Human Consumption		2.18	9	588.00	A
Cotton		19.91	141	9,125.41	A
Ditch Bank		0.06	1	2.00	A
Forage Hay/Silage		0.32	6	125.00	A
Grape, Wine		1.98	22	3,066.00	A
Mustard		0.02	1	13.00	A
Oat		2.60	7	637.40	A
Oat (Forage - Fodder)		4.76	52	2,773.72	A
Onion, Dry		2.00	13	742.40	A
Orange		1.41	2	120.00	A
Pistachio		0.80	6	267.37	A
Pomegranate		0.18	3	198.30	A
Rice		0.63	22	313.95	A
Rights Of Way		6.52			
		0.13	1	44.00	A
Total Pounds On This Commodity	6.65				
Ryegrass		4.18	3	235.40	A
Sorghum/Milo		0.02	2	20.00	A
Structural Pest Control		1.08			
Sudangrass		0.04	1	15.00	A
Tangerine		0.37	2	32.00	A
Tomato		0.59	4	136.00	A
Tomato, Processing		3.28	16	774.29	A
Triticale		1.30	16	1,492.60	A
Uncultivated Ag		0.87	1	35.00	A
Walnut		0.76	7	390.00	A
Wheat		11.20	69	5,705.09	A
Wheat (Forage - Fodder)		15.76	199	9,708.40	A
Chemical Total		128.29	873		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DESMEDIPHAM					
Sugarbeet		1,248.28	240	15,969.29	A
Chemical Total		1,248.28	240		
DEXTRIN					
Landscape Maintenance		0.30			
		0.08	1	3.00	A
Total Pounds On This Commodity	< 0.01				
N-Outdr Flower		0.02	1	5.00	A
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	2		
N-DIALKYL (60%C14, 30%C16, 5%C12, 5%C18) METHYL BENZYL AMMONIUM CHLORIDE					
N-Grnhs Plants In Containers		< 0.01	1	0.50	A
N-Outdr Plants In Containers		< 0.01	1	1.00	A
Water (Industrlial)		20.86		9.00	U
		8.27		2.00	A
Total Pounds On This Commodity	< 0.01				
Chemical Total		29.14	2		
DIALKYL PHTHALATE					
Grape, Wine		0.13	1	2.50	A
Chemical Total		0.13	1		
DIAMMONIUM PHOSPHATE					
Alfalfa		7.59	5	343.00	A
Almond		2.53	3	49.00	A
Corn (Forage - Fodder)		1.26	1	16.00	A
Grape		541.98	55	1,614.00	A
Grape, Wine		2.21	2	7.00	A
Onion, Dry		3.79	3	175.00	A
Sugarbeet		1.26	2	16.00	A
Chemical Total		560.64	71		
DIATOMACEOUS EARTH					
Animal Premise		30,824.80		27.00	U
		98.94	9	194,500.00	S
		32.98		1.70	A
Total Pounds On This Commodity	< 0.01				
Blackberry		15.84	1	6.00	A
Chicken		32.98	2	60,000.00	S
Commodity Fumigation		34.20			
Endive (Escarole)		83.84	6	22.90	A
Farm/Ag Building		1,878.48		65.82	A
		115.43		14.00	U
Total Pounds On This Commodity	1,993.91				
Grape		2,915.02	8	589.25	A
Herb, Spice		1.24	1	3.00	A
Landscape Maintenance		31.65			
Lettuce, Leaf		319.37	6	143.94	A
N-Grnhs Flower		191.28	21	42.91	A
		4.17	2	217,800.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	195.45				
N-Grnhs Transplants		3.09	2	0.34	A
N-Outdr Flower		48.30	11	13.05	A
N-Outdr Transplants		1.86	8	1.51	A
Onion, Dry		122.54	3	148.62	A
Spinach		112.71	4	27.70	A
Squash, Winter		79.15	6	120.00	A
Strawberry		9,496.98	136	2,462.20	A
Structural Pest Control		59.56			
Chemical Total		46,504.40	226		
DIATOMACEOUS EARTH, OTHER RELATED					
Structural Pest Control		0.06			
Chemical Total		0.06			
DIAZINON					
Alfalfa		29.77	1	50.00	A
Almond		6,472.66	74	3,365.86	A
Apple		5,934.60	216	3,432.15	A
		0.25	2	8.00	U
Total Pounds On This Commodity	5,934.85				
Apricot		222.44	23	145.23	A
Bean, Dried		35.72	1	18.00	A
Bean, Succulent		621.20	16	306.00	A
Bean, Unspecified		149.10	19	77.40	A
Beet		200.41	34	119.44	A
Blackberry		399.66	53	337.38	A
Blueberry		54.25	5	108.50	A
Bok Choy		37.54	38	84.50	A
Broccoli		6,440.38	314	4,048.27	A
Brussels Sprout		118.14	11	62.00	A
Cabbage		527.23	75	618.02	A
Cantaloupe		914.36	42	4,190.40	A
Carrot		3,366.01	56	2,435.70	A
Cauliflower		1,199.22	75	833.95	A
Cherry		4,372.27	139	3,003.21	A
		0.03	1	1.00	U
Total Pounds On This Commodity	4,372.31				
Chinese Cabbage (Nappa)		220.94	162	443.20	A
Christmas Tree		10.50	2	12.00	A
Collard		26.01	9	69.38	A
Corn, Human Consumption		2,000.25	75	2,440.14	A
Cucumber		3.06	2	1.25	A
Daikon		11.41	5	20.00	A
Endive (Escarole)		133.36	77	218.34	A
Gai Choy		2.03	2	4.00	A
Gai Lon		0.25	1	0.75	A
Grape		194.34	11	184.88	A
Grape, Wine		317.80	14	328.30	A
Kale		36.62	44	73.31	A
Landscape Maintenance		159.04			
		0.20	2	163.00	A
Total Pounds On This Commodity	159.24				
Lettuce, Head		20,891.77	2,728	35,538.21	A
Lettuce, Leaf		22,293.19	3,289	32,840.32	A
Melon		2,047.78	65	4,177.71	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Mushroom		60.00	3	133,134.00	S
Mushroom House		150.50		731,390.00	S
Mustard		237.99	13	63.43	A
N-Grnhs Flower		120.94	73	145.31	A
		39.46	23	1,128,400.00	S
Total Pounds On This Commodity	160.39				
N-Grnhs Plants In Containers		4.70	10	7.07	A
		4.65	11	122,079.00	S
Total Pounds On This Commodity	9.34				
N-Grnhs Transplants		10.23	16	722,200.00	S
		3.95	16	19.42	A
Total Pounds On This Commodity	14.19				
N-Outdr Flower		46.64	17	102.24	A
N-Outdr Plants In Containers		487.46	150	449.44	A
		2.45	5	35,100.00	S
		1.24		220,000.00	U
Total Pounds On This Commodity	491.15				
N-Outdr Transplants		50.72	154	6,325,782.00	S
		17.69	4	11.33	A
		0.19	1	900.00	U
Total Pounds On This Commodity	68.60				
Nectarine		433.27	48	243.04	A
Onion, Dry		5,747.13	67	3,234.91	A
Onion, Green		281.05	40	130.00	A
Peach		9,306.57	261	4,448.25	A
		0.03	1	4.00	U
Total Pounds On This Commodity	9,306.60				
Pear		2,264.41	44	1,665.36	A
		0.13	2	6.00	U
Total Pounds On This Commodity	2,264.53				
Peas		119.06	6	100.00	A
Pepper, Fruiting		1,231.47	26	745.70	A
Plum		2,057.67	74	1,075.82	A
Pluot		24.47	4	14.50	A
Prune		8,412.67	127	5,115.40	A
Radish		42.89	33	101.00	A
Raspberry		285.74	20	293.51	A
Research Commodity		7.46			
		2.23	6	13.30	A
Total Pounds On This Commodity	9.69				
Rights Of Way		5.46			
Spinach		10,467.23	934	4,957.80	A
Squash		11.16	2	23.00	A
Squash, Summer		0.12	2	0.50	A
Strawberry		1,151.93	57	1,263.23	A
Structural Pest Control		183.79			
Sugarbeet		1,856.68	78	4,316.80	A
Tomato		1,205.35	34	1,632.20	A
Tomato, Processing		12,235.41	182	7,780.45	A
Turnip		20.46	22	44.00	A
Uncultivated Ag		47.30	2	24.80	A
Walnut		576.51	11	299.30	A
Watermelon		2,629.07	38	1,509.52	A
Wheat		76.20	1	64.00	A
Chemical Total		141,365.52	10,301		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2,2-DIBROMO-3-NITRILOPROPIONAMIDE					
Structural Pest Control		101.82			
Unknown		671.45		1.00	A
		0.95		2.00	U
Total Pounds On This Commodity	672.40				
Water (Industrlial)		12,863.67		16.00	U
		3,628.12		30.00	A
Total Pounds On This Commodity	16,491.80				
Chemical Total		17,266.01			
3,5-DIBROMOSALICYLANILIDE					
Almond		< 0.01		117.00	
Rights Of Way		< 0.01			
		< 0.01	4	16,012.00	S
Chemical Total		< 0.01	4		
DICAMBA					
Landscape Maintenance		749.17			
		6.62	30	563.90	A
		0.02	2	24,000.00	S
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		< 0.01		0.50	A
N-Grnhs Transplants		1.41	1	3.00	A
		< 0.01	1	10,000.00	S
Total Pounds On This Commodity	1.41				
N-Outdr Plants In Containers		0.24	8	5.10	A
Rights Of Way		28.88			
Structural Pest Control		2.84			
Turf/Sod		31.12	70	1,735.76	A
		1.41		4,086.00	T
		0.11	5	146,000.00	S
Total Pounds On This Commodity	32.65				
Uncultivated Non-Ag		1.29	4	64.00	A
Unknown		4.30	8	121.00	A
Chemical Total		827.41	129		
DICAMBA, DIMETHYLAMINE SALT					
Alfalfa		2.75	1	38.50	A
Barley		599.78	84	7,355.99	A
Barley (Forage - Fodder)		12.53	3	122.20	A
Corn (Forage - Fodder)		1,651.77	113	6,285.08	A
Corn, Grain		20.90	2	116.10	A
Corn, Human Consumption		27.20	4	238.20	A
Forage Hay/Silage		742.86	117	6,736.80	A
Grass, Seed		23.79	1	157.00	A
Landscape Maintenance		831.23			
		4.46	10	285.00	A
		0.04	2	2.00	U
		< 0.01	2	6,000.00	S
Total Pounds On This Commodity	835.74				
N-Grnhs Transplants		0.74		22.60	A
N-Outdr Plants In Containers		12.62	5	28.67	A
N-Outdr Transplants		23.83	10	183.50	A
Oat		488.07	77	3,802.88	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat (Forage - Fodder)		4,450.95	234	10,870.79	A
Pastureland		303.99	33	2,857.35	A
Rangeland		48.29	9	202.00	A
Regulatory Pest Control		74.18			
Research Commodity		3.19			
Rights Of Way		709.58			
Rye		51.00	8	298.76	A
Sorghum (Forage - Fodder)		31.34	2	210.00	A
Sorghum/Milo		8.58	1	30.00	A
Structural Pest Control		1.62			
Sudangrass		22.74	3	56.00	A
Timothy		21.08	21	813.20	A
Turf/Sod		137.15	72	1,380.67	A
		0.26	1	74,000.00	S
Total Pounds On This Commodity	137.41				
Uncultivated Ag		93.53	6	293.00	A
Unknown		3.57		33.00	A
Vertebrate Control		< 0.01			
Wheat		3,951.45	477	30,860.47	A
Wheat (Forage - Fodder)		4,088.63	449	29,816.40	A
Chemical Total		18,443.74	1,747		
DICAMBA, DIMETHYLAMINE SALT, OTHER RELATED					
Corn (Forage - Fodder)		17.79	4	235.00	A
Forage Hay/Silage		18.10	6	527.50	A
Landscape Maintenance		1.90			
Oat (Forage - Fodder)		12.10	7	349.00	A
Pastureland		0.61	1	0.50	A
Wheat		6.48	5	206.70	A
Wheat (Forage - Fodder)		93.96	25	3,074.77	A
Chemical Total		150.93	48		
DICAMBA, SODIUM SALT					
Corn (Forage - Fodder)		6,452.08	873	39,046.59	A
Corn, Grain		8.36	2	30.40	A
Corn, Human Consumption		77.86	11	389.87	A
Soil Fumigation/Preplant		86.99	12	561.40	A
Sorghum/Milo		107.15	10	623.42	A
Structural Pest Control		0.73			
Uncultivated Ag		335.19	20	730.40	A
Chemical Total		7,068.36	928		
DICHLOBENIL					
Landscape Maintenance		6,173.74			
N-Outdr Flower		1.00	1	1.00	A
Public Health		4.83			
Regulatory Pest Control		2,165.59			
Rights Of Way		6,341.52			
Sewage System		10,562.90		244,564.00	U
		1,300.32		13,187.88	C
Total Pounds On This Commodity	11,863.22				
Structural Pest Control		0.01			
Chemical Total		26,549.91	1		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PARA-DICHLOROBENZENE					
Structural Pest Control		16.80			
Chemical Total		16.80			
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN					
Landscape Maintenance		147.85			
Structural Pest Control		3.06			
Water (Industrlial)		2,900.60		200.00	A
		2,539.28		311.00	U
Total Pounds On This Commodity	5,439.88				
Water Area		153.54		23.00	A
Chemical Total		5,744.33			
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN					
Landscape Maintenance		57.20			
Structural Pest Control		1.18			
Water (Industrlial)		1,122.13		200.00	A
		982.35		311.00	U
Total Pounds On This Commodity	2,104.48				
Water Area		59.40		23.00	A
Chemical Total		2,222.26			
DICHLOROISOCYANURIC ACID, POTASSIUM SALT					
Structural Pest Control		0.37			
Chemical Total		0.37			
1,3-DICHLOROPROPENE					
Almond		595,307.98	139	1,948.15	A
		15.04	1	32.00	U
Total Pounds On This Commodity	< 0.01				
Apple		501.02	1	1.51	A
Apricot		708.16	2	2.21	A
Blackberry		202.91	1	1.90	A
Blueberry		22,894.51	5	97.60	A
Broccoli		4,182.68	4	43.10	A
Brussels Sprout		11,956.98	17	167.50	A
Cabbage		7,922.15	7	86.90	A
Cantaloupe		6,867.02	1	155.00	A
Carrot		392,442.58	70	3,424.41	A
Celery		0.03	1	5.70	A
Cherry		76,254.64	17	215.83	A
Corn (Forage - Fodder)		21,117.92	1	65.00	A
Cucumber		2,362.84	1	20.00	A
Eggplant		2,524.94	2	32.50	A
Grape		333,853.34	27	1,051.38	A
Grape, Wine		298,130.40	50	1,136.39	A
Kale		2,325.33	1	19.80	A
Landscape Maintenance		21.56			
Lemon		10,790.72	2	33.20	A
Lettuce, Head		5,399.69	2	48.50	A
Lettuce, Leaf		189.43	1	1.40	A
Melon		26,217.31	10	476.80	A
Mustard		2,048.59	1	17.00	A
N-Outdr Plants In Containers		191,123.61	29	651.24	A
N-Outdr Transplants		23,184.50	12	119.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Nectarine		73,016.42	42	231.73	A
Onion, Dry		9,451.38	1	80.00	A
Orange		178,520.65	26	543.25	A
Peach		164,974.09	67	507.62	A
Pepper, Fruiting		84,180.67	33	1,094.97	A
Plum		24,232.52	14	113.65	A
Pomegranate		1,758.45	1	5.30	A
Potato		176,755.04	30	1,855.10	A
Prune		23,254.23	5	70.10	A
Raspberry		12,839.93	7	127.60	A
Research Commodity		4.22	3	0.18	A
Rye		1,594.92	1	27.00	A
Soil Fumigation/Preplant		757,563.30	171	3,004.23	A
Squash		1,299.56	1	11.00	A
Squash, Summer		796.97	1	5.00	A
Strawberry		1,129,540.10	325	10,336.17	A
Sweet Potato		428,862.12	185	4,374.45	A
Tangerine		265,420.22	13	442.15	A
Tomato		85,960.26	15	748.90	A
Tomato, Processing		220,026.11	27	1,861.77	A
Uncultivated Ag		71,952.16	13	321.63	A
Unknown		12,360.63	10	139.50	A
Walnut		399,322.31	74	1,218.62	A
Watermelon		63,209.58	20	841.15	A
Wheat		11,114.72	1	33.50	A
Chemical Total		6,236,556.43	1,491		
DICLOFOP-METHYL					
Barley		15.30	1	30.00	A
Chemical Total		15.30	1		
DICLORAN					
Bean, Succulent		500.16	26	283.50	A
Broccoli		464.58	4	51.50	A
Celery		32,270.96	733	11,777.27	A
Endive (Escarole)		98.73	40	66.00	A
Fennel		17.50	3	7.00	A
Grape		1,227.09	38	1,179.40	A
Grape, Wine		1,439.98	26	926.84	A
Lettuce, Head		8,445.30	620	6,671.31	A
Lettuce, Leaf		8,939.52	890	7,988.42	A
N-Grnhs Plants In Containers		0.49	3	0.56	A
N-Grnhs Transplants		26.16	10	14.00	A
N-Outdr Flower		0.68	4	0.90	A
N-Outdr Transplants		11.20	23	10.31	A
		8.12	9	258,310.68	S
Total Pounds On This Commodity	19.32				
Onion, Dry		94.98	3	38.00	A
Regulatory Pest Control		0.75			
Research Commodity		0.67			
		0.09	2	0.30	A
Total Pounds On This Commodity	0.77				
Soil Fumigation/Preplant		191.25	2	76.51	A
Structural Pest Control		1.13			
Sweet Potato		18.75		230,503.00	U
		3.00		29,604.00	K

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		2.63		26,120.00	C
		2.63		24,450.00	S
Total Pounds On This Commodity	27.00				
Chemical Total		53,766.31	2,436		
DICOFOL					
Bean, Dried		2,746.14	55	2,147.90	A
Bean, Succulent		782.09	27	681.75	A
Bean, Unspecified		55.65	3	38.50	A
Cantaloupe		21.19	1	33.90	A
Cherry		256.50	8	193.50	A
Cotton		5,984.74	97	5,603.59	A
Cucumber		76.72	6	161.00	A
Grape, Wine		88.75	3	71.00	A
Landscape Maintenance		1.47			
Lemon		3.36	1	2.00	A
N-Grnhs Flower		0.78	2	25,000.00	S
N-Grnhs Plants In Containers		1.00	2	1.50	A
N-Grnhs Transplants		< 0.01	1	1.00	U
N-Outdr Flower		3.01	3	120,000.00	S
N-Outdr Plants In Containers		21.00	10	44.00	A
		9.65	5	638,150.00	S
Total Pounds On This Commodity	30.65				
N-Outdr Transplants		0.11	1	0.08	A
Orange		101.89	3	36.00	A
Research Commodity		0.26			
Rights Of Way		0.75			
Squash		56.70	3	94.00	A
Strawberry		283.29	17	640.50	A
Tangerine		60.28	2	23.00	A
Tomato		16.04	3	32.00	A
Walnut		306.20	7	176.00	A
Chemical Total		10,877.57	260		
DIDECYL DIMETHYL AMMONIUM BICARBONATE					
Fumigation, Other		3,492.86			
Lumber, Treated		15,076.05		4,999,939.00	U
Chemical Total		18,568.90			
DIDECYL DIMETHYL AMMONIUM CARBONATE					
Fumigation, Other		3,492.86			
Lumber, Treated		15,076.05		4,999,939.00	U
Chemical Total		18,568.90			
DIDECYL DIMETHYL AMMONIUM CHLORIDE					
Animal Premise		322.80		37.00	U
Fumigation, Other		0.14			
Landscape Maintenance		394.63			
Lumber, Treated		190.32		1,877,024.00	C
N-Grnhs Flower		0.77	3	52,500.00	S
N-Grnhs Plants In Containers		21.04	16	78.00	A
		11.21		7.00	U
		0.31	27	808,170.00	S
Total Pounds On This Commodity	32.56				
N-Grnhs Transplants		5.47	5	30,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Flower		0.11	3	79,500.00	S
N-Outdr Plants In Containers		0.58	5	4.50	A
Rights Of Way		10.27			
Structural Pest Control		410.31			
Vertebrate Control		394.91			
Chemical Total		1,762.86	59		
DIENOCHLOR					
N-Grnhs Flower		17.03	20	446,243.00	S
N-Grnhs Plants In Containers		4.95	8	6.74	A
		0.21	3	9,000.00	S
Total Pounds On This Commodity	5.16				
N-Grnhs Transplants		15.61	29	41.39	A
N-Outdr Plants In Containers		1.26	3	2.50	A
		0.19	1	8,140.00	S
Total Pounds On This Commodity	1.44				
Chemical Total		39.23	64		
DIETHYLENE GLYCOL					
Alfalfa		8,962.48	1,579	88,317.82	A
Almond		16,873.92	2,247	170,897.33	A
		0.14	1	0.75	U
Total Pounds On This Commodity	16,874.05				
Apple		12.33	4	105.20	A
Apricot		130.60	37	856.80	A
Asparagus		142.20	21	1,184.90	A
Avocado		18.43	54	648.00	A
Barley		12.98	15	461.00	A
Barley (Forage - Fodder)		2.12	3	106.00	A
Bean, Dried		350.88	64	3,673.00	A
Bean, Succulent		138.83	21	766.10	A
Bean, Unspecified		0.15	1	10.00	A
Bermudagrass		1.49	3	30.00	A
Blackberry		0.29	1	5.00	A
Blueberry		0.23	1	20.00	A
Bok Choy		< 0.01	1	1.00	A
Broccoli		125.27	266	4,352.52	A
Cabbage		27.28	45	749.50	A
Cantaloupe		71.97	23	1,683.14	A
Carrot		15.65	17	772.21	A
Cauliflower		3.65	4	223.00	A
Celery		4.50	31	278.10	A
Cherry		850.57	177	4,085.96	A
Chinese Cabbage (Nappa)		0.57	3	19.50	A
Christmas Tree		0.03	1	1.00	A
Citrus		1.76	1	10.00	A
Corn (Forage - Fodder)		2,962.44	544	25,209.78	A
Corn, Grain		49.92	43	1,344.88	A
Corn, Human Consumption		437.14	295	9,485.70	A
Cotton		1,517.82	473	69,967.81	A
Cucumber		30.52	21	1,111.00	A
Eggplant		2.76	11	195.00	A
Endive (Escarole)		0.82	1	55.00	A
Fig		11.08	9	337.00	A
Forage Hay/Silage		5.74	6	236.00	A
Forest, Timberland		45.28	22	963.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Garbanzo Bean		0.75	1	72.00	A
Garlic		30.63	12	542.00	A
Grain		1.88	2	75.00	A
Grape		1,862.55	272	15,936.42	A
Grape, Wine		4,636.74	1,138	59,111.39	A
Grapefruit		6.18	14	140.70	A
Kiwi		5.85	2	14.00	A
Landscape Maintenance		535.86			
		0.10	1	57.00	A
Total Pounds On This Commodity	535.96				
Leek		4.99	16	57.00	A
Lemon		263.91	123	4,705.00	A
Lettuce, Head		112.56	175	5,621.68	A
Lettuce, Leaf		39.93	65	1,519.77	A
Melon		608.57	60	3,340.67	A
N-Grnhs Flower		7.01	299	314.81	A
N-Grnhs Transplants		0.01	3	0.54	A
N-Outdr Flower		34.50	198	521.51	A
N-Outdr Plants In Containers		201.74	163	2,211.00	A
N-Outdr Transplants		77.86	28	420.00	A
Nectarine		1,579.22	234	5,413.30	A
Oat		52.26	27	1,269.00	A
Oat (Forage - Fodder)		571.08	128	4,216.75	A
Olive		48.41	19	527.40	A
Onion, Dry		90.27	70	2,792.50	A
Onion, Green		0.04	1	20.00	A
Orange		1,214.47	333	9,250.32	A
Pastureland		16.87	23	640.00	A
Peach		2,647.41	449	10,164.37	A
Pear		50.48	25	606.60	A
Pepper, Fruiting		75.10	95	3,024.44	A
Persimmon		0.31	2	9.50	A
Pistachio		14,057.29	677	92,762.30	A
Plum		1,408.48	242	4,521.63	A
Pluot		85.06	7	272.37	A
Pomegranate		2,710.25	252	37,570.91	A
Pomelo		0.73	1	5.00	A
Potato		35.55	34	2,103.20	A
Prune		37.57	25	417.75	A
Pumpkin		0.56	5	24.00	A
Radicchio		8.91	31	2,083.00	A
Rangeland		100.66	27	937.00	A
Regulatory Pest Control		0.99			
Rice		166.93	23	2,231.97	A
Rights Of Way		5,710.43			
		0.05	5	41.00	A
Total Pounds On This Commodity	5,710.48				
Rye		7.33	7	148.00	A
Ryegrass		2.34	1	20.00	A
Safflower		40.20	21	6,067.00	A
Soil Fumigation/Preplant		224.75	59	2,557.19	A
Sorghum (Forage - Fodder)		6.09	3	457.00	A
Soybean		22.08	9	127.00	A
Spinach		8.44	3	158.00	A
Squash		13.78	13	423.00	A
Squash, Winter		0.58	2	43.00	A
Strawberry		154.16	57	2,089.15	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		25.50			
		5.04	5	92.00	A
Total Pounds On This Commodity	30.54				
Sudangrass		4.75	5	176.00	A
Sugarbeet		79.62	61	3,001.60	A
Sunflower		0.87	2	185.40	A
Sweet Potato		0.30	2	40.00	A
Swiss Chard		< 0.01	2	25.40	A
Tangelo		34.11	12	159.00	A
Tangerine		34.45	30	580.49	A
Tomatillo		0.79	3	25.50	A
Tomato		959.68	267	10,948.65	A
Tomato, Processing		7,456.60	859	63,858.18	A
Triticale		17.51	3	220.00	A
Turf/Sod		3.98	5	30.60	A
Turnip		0.08	2	56.00	A
Uncultivated Ag		644.05	143	28,059.54	A
Uncultivated Non-Ag		168.17	20	1,605.50	A
Unknown		1.20	2	25.30	A
Walnut		2,424.54	370	10,666.27	A
Water Area		1.41		15.60	A
Watermelon		243.88	67	3,033.76	A
Wheat		424.31	166	7,077.86	A
Wheat (Forage - Fodder)		198.17	91	5,280.00	A
Chemical Total		85,121.65	13,645		
DIETHYLENE GLYCOL ABIETATE					
Celery		211.12	3	45.65	A
Chicory		0.80	1	28.00	A
Chemical Total		211.92	4		
DIETHYLENE GLYCOL MONOETHYL ETHER					
Alfalfa		4.91	21	996.00	A
Almond		5.95	5	532.70	A
Apricot		0.57	5	34.80	A
Asparagus		0.23	2	117.00	A
Cantaloupe		0.13	2	111.00	A
Cotton		60.24	71	17,112.50	A
Grape, Wine		1.22	10	280.83	A
Melon		1.02	2	187.50	A
Nectarine		3.93	10	244.40	A
Peach		9.95	22	598.22	A
Pepper, Fruiting		5.36	11	551.74	A
Prune		1.96	1	98.00	A
Safflower		2.10	2	262.00	A
Tomato, Processing		26.44	32	3,717.44	A
Watermelon		25.68	19	1,012.26	A
Chemical Total		149.67	215		
DIFENACOUM					
Animal Premise		< 0.01		2.00	U
Landscape Maintenance		< 0.01			
Chemical Total		< 0.01			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIFENOCONAZOLE					
Almond		2,928.06	216	25,536.90	A
Pear		0.59	1	18.00	A
Structural Pest Control		0.94			
Tomato		19.14	6	243.20	A
Tomato, Processing		1,568.78	298	20,401.45	A
Wheat		323.31		1,328.69	T
		27.70		364,453.00	U
Total Pounds On This Commodity	351.02				
Chemical Total		4,868.53	521		
DIFETHIALONE					
Almond		< 0.01	1	540.00	A
Animal Premise		0.04		146.00	U
		< 0.01			
Total Pounds On This Commodity	< 0.01				
Commodity Fumigation		0.02			
Fumigation, Other		< 0.01			
Landscape Maintenance		0.11			
		< 0.01	6	378.00	A
Total Pounds On This Commodity	0.12				
Regulatory Pest Control		< 0.01		99,999.00	C
Rights Of Way		< 0.01			
Structural Pest Control		2.32			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	7		
DIFLUBENZURON					
Almond		22,231.89	1,754	106,015.20	A
Apricot		276.42	38	1,390.67	A
Artichoke, Globe		8,179.50	984	40,533.59	A
Grapefruit		145.48	45	651.35	A
Landscape Maintenance		7.93			
Mushroom		0.50	1	5,000.00	S
N-Grnhs Flower		7.03	46	18.03	A
		0.93	5	302,120.00	S
Total Pounds On This Commodity	7.96				
N-Grnhs Plants In Containers		18.81	73	77.15	A
		8.66	108	1,079,441.00	S
		0.06	2	15,020.00	U
Total Pounds On This Commodity	27.54				
N-Grnhs Transplants		0.02	1	3,000.00	S
		0.01	1	0.20	A
Total Pounds On This Commodity	0.03				
N-Outdr Flower		1.18	11	3.48	A
		0.02	1	8,316.00	S
Total Pounds On This Commodity	1.19				
N-Outdr Plants In Containers		6.10	16	34.80	A
		0.56	2	120,000.00	S
Total Pounds On This Commodity	6.67				
N-Outdr Transplants		1.03	7	3.81	A
Nectarine		979.68	234	4,007.91	A
Orange		2,333.09	369	12,538.44	A
Pastureland		6.26	7	198.00	A
Peach		977.39	297	4,892.14	A
Pear		58.40	19	285.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Fruiting		258.04	62	1,711.30	A
Pepper, Spice		0.01	1	0.10	A
Plum		698.56	146	3,368.42	A
Pluot		32.98	7	162.98	A
Pomelo		39.27	15	198.00	A
Prune		60.95	10	333.30	A
Public Health		26.15			
Research Commodity		0.02			
Rice		157.89	33	870.96	A
Structural Pest Control		88.32			
Tangelo		26.60	9	149.50	A
Tangerine		80.70	25	437.37	A
Tomato		0.07	2	0.50	A
Uncultivated Non-Ag		5.00	2	80.00	A
Unknown		4.61	1	36.50	A
Walnut		918.74	97	3,655.00	A
Chemical Total		37,638.88	4,431		
DIFLUFENZOPYR, SODIUM SALT					
Corn (Forage - Fodder)		478.09	250	12,986.71	A
Corn, Grain		3.25	2	30.40	A
Corn, Human Consumption		2.67	2	43.00	A
Soil Fumigation/Preplant		13.18	5	246.40	A
Uncultivated Ag		8.57	2	141.00	A
Chemical Total		505.77	261		
DIGLYCOLAMINE SALT OF 3,6-DICHLORO-O-ANISIC ACID					
Alfalfa		17.38	2	100.00	A
Almond		45.10	1	122.00	A
Asparagus		505.41	11	905.75	A
Barley		335.20	40	1,842.60	A
Barley (Forage - Fodder)		58.20	11	434.00	A
Bermudagrass		2,695.28	104	8,937.90	A
Corn (Forage - Fodder)		12,130.36	693	33,902.76	A
Corn, Grain		655.73	67	2,483.98	A
Corn, Human Consumption		124.75	8	407.50	A
Forage Hay/Silage		552.90	25	1,404.90	A
Grain		6.65	1	36.00	A
Grass, Seed		5.91	4	6.00	A
Landscape Maintenance		1,415.75			
		11.83	2	120.00	A
Total Pounds On This Commodity	1,427.57				
N-Outdr Plants In Containers		140.55	16	226.70	A
Oat		824.57	102	4,744.20	A
Oat (Forage - Fodder)		1,553.23	194	9,014.66	A
Pastureland		230.95	9	609.60	A
Regulatory Pest Control		213.89			
Rights Of Way		2,538.21			
		249.48	2	225.00	A
Total Pounds On This Commodity	2,787.69				
Ryegrass		255.73	5	398.76	A
Soil Fumigation/Preplant		225.39	7	450.20	A
Sorghum (Forage - Fodder)		860.19	43	2,477.51	A
Sorghum/Milo		929.05	52	2,900.81	A
Structural Pest Control		65.06			
Sudangrass		1,016.92	34	2,080.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sugarcane		59.14	1	60.00	A
Timothy		36.20	1	49.00	A
Triticale		408.11	31	2,316.64	A
Turf/Sod		435.88	10	301.50	A
Uncultivated Ag		974.85	31	1,930.87	A
Uncultivated Non-Ag		45.84	5	85.00	A
Wheat		8,965.79	670	49,096.23	A
Wheat (Forage - Fodder)		4,947.85	572	29,854.60	A
Chemical Total		43,537.33	2,754		
DIHYDRO-5-HEPTYL-2(3H)-FURANONE					
Animal Premise		< 0.01		2.00	U
Landscape Maintenance		< 0.01			
Structural Pest Control		0.03			
Chemical Total		0.04			
DIHYDRO-5-PENTYL-2(3H)-FURANONE					
Animal Premise		< 0.01		2.00	U
Landscape Maintenance		< 0.01			
Chemical Total		< 0.01			
N,N-DI (HYDROXY ETHYL) ALKYL AMINE, ALKYL DERIVED FROM SOYBEAN FATTY ACIDS					
Walnut		0.10	1	3.00	A
Chemical Total		0.10	1		
2-(2-(P-(DIISOBUTYL) PHENOXY) ETHOXY) ETHYL DIMETHYLBENZYL AMMONIUM CHLORIDE					
N-Outdr Transplants		0.01	1	7,500.00	S
Chemical Total		0.01	1		
DIKEGULAC SODIUM					
Landscape Maintenance		2,425.37			
		9.32	7	382.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		0.33	1	10,890.00	S
N-Grnhs Plants In Containers		1.59	9	41,700.00	S
N-Outdr Plants In Containers		38.93	15	15.86	A
		0.73	2	5,450.00	S
Total Pounds On This Commodity	39.67				
Rights Of Way		24.29			
Structural Pest Control		0.29			
Chemical Total		2,500.85	34		
DIMETHENAMID-P					
Corn (Forage - Fodder)		23.60	5	217.50	A
Garlic		51.71	12	812.00	A
Grass, Seed		0.89	1	15.00	A
Landscape Maintenance		39.79			
N-Grnhs Plants In Containers		1.08	5	1.21	A
N-Outdr Flower		0.90	1	0.80	A
N-Outdr Plants In Containers		372.51	174	537.40	A
Onion, Dry		690.44	249	11,660.01	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		260.48	52	2,824.11	A
Research Commodity		0.10			
Rights Of Way		5.29			
Sugarbeet		74.88	6	678.00	A
Uncultivated Ag		7.20	1	70.00	A
Chemical Total		1,528.86	506		
DIMETHOATE					
Alfalfa		59,023.49	2,325	150,367.82	A
Almond		11.96	1	30.00	A
Bean, Dried		21,100.06	747	43,246.68	A
Bean, Succulent		4,681.67	193	8,827.50	A
Bean, Unspecified		879.84	61	1,830.27	A
Bok Choy		166.79	13	26.45	A
Broccoli		11,661.12	1,938	24,518.05	A
Brussels Sprout		2,315.95	129	2,999.00	A
Cabbage		337.43	109	901.50	A
Cantaloupe		148.88	7	545.30	A
Cauliflower		2,820.72	590	6,068.04	A
Celery		2,892.03	430	5,735.50	A
Chinese Cabbage (Nappa)		155.13	10	35.40	A
Chinese Greens		81.30	1	3.30	A
Christmas Tree		64.13	9	69.30	A
Citrus		26.32	3	20.00	A
Corn (Forage - Fodder)		13,401.24	638	27,855.14	A
Corn, Grain		346.21	16	792.80	A
Corn, Human Consumption		92.25	7	216.30	A
Cotton		3,158.66	129	7,530.15	A
Endive (Escarole)		34.98	56	146.00	A
Grape		4,002.97	62	4,367.89	A
Grape, Wine		3.68	7	4.28	A
Grapefruit		435.36	15	320.60	A
Kale		82.66	66	333.11	A
Landscape Maintenance		121.67			
Lemon		294.17	20	414.10	A
Lettuce, Head		767.04	304	3,192.36	A
Lettuce, Leaf		3,172.80	1,729	12,679.72	A
Melon		748.94	33	1,928.70	A
Mustard		4.79	7	7.62	A
N-Grnhs Flower		4.05	10	10.00	A
		2.41	2	108,466.00	S
Total Pounds On This Commodity	6.46				
N-Grnhs Plants In Containers		28.12	49	26.13	A
		0.74	1	25,000.00	S
Total Pounds On This Commodity	28.87				
N-Grnhs Transplants		25.31	23	51.25	A
N-Outdr Flower		4.32	8	11.12	A
N-Outdr Plants In Containers		199.14	33	466.50	A
N-Outdr Transplants		1.77	9	5.20	A
		0.23	4	43,955.00	S
Total Pounds On This Commodity	2.00				
Oat		19.63	1	75.00	A
Onion, Dry		22.44	1	90.00	A
Orange		29,486.72	765	17,471.05	A
Peas		856.44	233	2,322.85	A
Pecan		22.86	8	138.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Fruiting		976.51	138	3,305.72	A
Pimento		13.78	2	42.20	A
Potato		277.82	17	605.82	A
Research Commodity		102.98			
		0.08	3	2.30	A
Total Pounds On This Commodity	103.06				
Rights Of Way		39.86			
Safflower		24,643.87	114	38,919.00	A
Sorghum (Forage - Fodder)		22.29	1	45.00	A
Sorghum/Milo		74.56	4	151.00	A
Soybean		71.86	7	145.00	A
Spinach		21.22	26	83.70	A
Structural Pest Control		14.34			
Sudangrass		23.55	1	75.00	A
Swiss Chard		4.14	4	12.04	A
Tangelo		433.85	24	256.00	A
Tangerine		3,771.20	98	4,600.68	A
Tomato		4,408.60	238	10,655.87	A
Tomato, Processing		46,048.32	1,359	95,602.53	A
Turnip		6.54	2	24.17	A
Unknown		74.37	3	155.00	A
Vertebrate Control		3.21	1	6.50	A
Watermelon		12.00	1	25.00	A
Wheat		4,769.52	208	13,577.64	A
Wheat (Forage - Fodder)		1,455.77	79	3,966.80	A
Chemical Total		250,978.64	13,132		
DIMETHOMORPH					
Bok Choy		0.08	4	3.32	A
Broccoli		11.39	31	492.78	A
Cabbage		13.61	54	599.11	A
Cauliflower		0.44	3	18.88	A
Chinese Cabbage (Nappa)		0.19	7	8.12	A
Collard		38.61	112	360.75	A
Cucumber		21.44	25	907.61	A
Kale		20.92	27	58.44	A
Kohlrabi		0.06	3	2.50	A
Landscape Maintenance		0.82			
Leek		0.35	4	14.90	A
Lettuce, Head		1,479.71	4,953	61,172.25	A
Lettuce, Leaf		1,161.31	5,349	48,820.70	A
Mustard		1.50	29	64.66	A
N-Grnhs Flower		76.63	121	275.65	A
		12.72	32	1,209,246.00	S
Total Pounds On This Commodity	89.35				
N-Grnhs Plants In Containers		30.06	60	82.09	A
		19.47	66	2,085,488.00	S
Total Pounds On This Commodity	49.53				
N-Grnhs Transplants		12.25	47	41.49	A
		2.68	88	1,454,268.54	S
Total Pounds On This Commodity	14.94				
N-Outdr Flower		292.94	195	1,138.38	A
		6.02	18	456,048.00	S
Total Pounds On This Commodity	298.96				
N-Outdr Plants In Containers		192.87	214	490.79	A
		23.76	84	2,017,363.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	216.63				
N-Outdr Transplants		15.82	87	62.97	A
		4.12	44	5,034,000.00	S
Total Pounds On This Commodity	19.94				
Onion, Dry		286.94	202	9,699.59	A
Onion, Green		28.74	75	615.43	A
Potato		5.29	15	258.80	A
Structural Pest Control		1.77			
Tomato		135.28	158	5,710.35	A
Tomato, Processing		275.18	174	9,164.03	A
Vertebrate Control		0.07	1	3.08	A
Watermelon		2.83	3	120.00	A
Chemical Total		4,175.89	12,285		
DIMETHYL ALKYL TERTIARY AMINES					
Alfalfa		307.68	566	36,024.33	A
Almond		369.98	713	36,138.91	A
Apple		2.66	6	128.15	A
Apricot		0.62	4	131.00	A
Artichoke, Globe		100.22	197	9,408.70	A
Asparagus		45.44	53	2,916.25	A
Barley		3.64	4	368.00	A
Barley (Forage - Fodder)		2.43	2	199.00	A
Bean, Dried		10.50	30	1,391.24	A
Bean, Succulent		2.72	31	275.00	A
Bean, Unspecified		0.79	1	45.00	A
Bermudagrass		6.22	8	528.80	A
Bok Choy		< 0.01	1	0.80	A
Broccoli		28.21	236	2,557.76	A
Cantaloupe		3.90	9	641.70	A
Carrot		5.81	70	1,312.60	A
Cauliflower		5.37	110	1,275.28	A
Celery		14.79	194	1,371.79	A
Cherry		25.88	64	1,395.30	A
Chinese Cabbage (Nappa)		< 0.01	1	1.50	A
Cilantro		0.31	4	6.50	A
Corn (Forage - Fodder)		225.35	158	9,805.13	A
Corn, Grain		5.78	14	633.50	A
Corn, Human Consumption		11.46	54	1,182.00	A
Cotton		104.33	177	11,683.47	A
Cucumber		0.81	2	138.00	A
Fennel		0.24	16	51.40	A
Forage Hay/Silage		6.16	24	796.60	A
Garlic		18.58	32	2,752.20	A
Grain		0.24	5	40.00	A
Grape		7.59	32	757.10	A
Grape, Wine		87.69	522	14,672.91	A
Grapefruit		2.65	15	109.05	A
Landscape Maintenance		15.90			
Lemon		0.24	2	20.00	A
Lettuce, Head		12.98	107	1,409.40	A
Lettuce, Leaf		16.03	119	1,123.30	A
N-Outdr Plants In Containers		1.40	15	460.45	A
N-Outdr Transplants		0.04	1	3.00	A
Nectarine		13.97	22	240.43	A
Oat		21.69	66	2,909.48	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat (Forage - Fodder)		43.57	92	4,786.37	A
Olive		5.52	18	549.09	A
Onion, Dry		5.70	28	817.56	A
Orange		24.13	106	1,243.40	A
Parsley		2.61	9	114.30	A
Pastureland		55.64	44	2,815.70	A
Peach		1.53	15	225.10	A
Pear		0.22	9	73.18	A
Peas		1.20	29	382.20	A
Pecan		1.07	2	39.00	A
Pepper, Fruiting		2.85	30	451.01	A
Pepper, Spice		0.29	2	50.00	A
Pistachio		21.73	43	2,125.49	A
Plum		0.38	10	67.80	A
Pomegranate		0.84	9	111.70	A
Potato		18.75	15	1,253.50	A
Prune		10.91	34	985.23	A
Public Health		28.90			
Pumpkin		6.81	6	271.00	A
Rangeland		3.22	1	1,440.00	A
Rappini		0.23	3	13.00	A
Regulatory Pest Control		0.12		15.30	A
Rice		794.77	1,217	67,071.61	A
Rights Of Way		213.55			
		3.27	5	215.00	A
Total Pounds On This Commodity	216.82				
Ryegrass		2.38	4	331.00	A
Safflower		8.33	13	1,036.00	A
Soil Fumigation/Preplant		60.92	81	3,912.50	A
Sorghum/Milo		8.06	19	1,295.06	A
Spinach		6.34	87	557.60	A
Squash, Winter		0.14	1	18.00	A
Sunflower		16.89	23	2,156.30	A
Swiss Chard		0.03	2	10.75	A
Tangelo		3.19	9	130.80	A
Tangerine		0.37	4	13.75	A
Tomato		0.61	6	170.70	A
Tomato, Processing		58.11	57	5,445.89	A
Triticale		0.47	1	40.00	A
Uncultivated Ag		155.61	409	7,447.06	A
Uncultivated Non-Ag		6.48	13	791.00	A
Unknown		1,191.81	12	1,214.00	A
Walnut		14.65	92	1,861.17	A
Water Area		23.21		493.00	A
Watermelon		3.09	4	132.00	A
Wheat		184.22	414	24,535.91	A
Wheat (Forage - Fodder)		32.13	89	4,543.50	A
Chemical Total		4,515.15	6,754		
DIMETHYL DICOCOALKYL AMMONIUM SALT WITH NAPHTHALENESULFONIC ACID, FORMALDEHYDE CONDENSATE					
Alfalfa		85.05	52	2,380.00	A
Cherry		3.46	2	16.00	A
Corn (Forage - Fodder)		46.31	29	1,241.00	A
Cotton		16.44	6	355.00	A
Forage Hay/Silage		0.51	1	135.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		5.89			
		2.32	5	5.00	A
Total Pounds On This Commodity	8.21				
Mint		24.58	22	775.00	A
N-Outdr Plants In Containers		1.01	4	8.00	A
Rights Of Way		1.04			
Strawberry		185.10	50	1,175.40	A
Timothy		7.54	1	130.00	A
Walnut		17.08	2	77.10	A
Chemical Total		396.33	174		
1,4-DIMETHYLNAPHTHALENE					
Potato		1,225.13		84,790.00	T
		88.47		7,500.00	U
Total Pounds On This Commodity	< 0.01				
Chemical Total		1,313.60			
3,7-DIMETHYL-6-OCTEN-1-OL					
Grape		4.01	6	232.50	A
Grape, Wine		1.34	12	95.04	A
Walnut		0.05	1	21.00	A
Chemical Total		5.40	19		
DIMETHYL PHTHALATE					
Landscape Maintenance		2.55	3	41.30	A
Chemical Total		2.55	3		
DIMETHYLPOLYSILOXANE					
Alfalfa		343.21	4,593	264,098.20	A
Almond		14,114.72	11,208	650,304.29	A
		< 0.01	1	0.75	U
Total Pounds On This Commodity	14,114.72				
Animal Premise		0.47		60.00	U
		0.07		73.00	A
Total Pounds On This Commodity	0.54				
Apple		58.65	115	1,548.14	A
Apricot		70.98	175	2,787.87	A
Arrugula		1.29	5	17.15	A
Artichoke, Globe		1,185.50	529	9,273.02	A
Asian Pear		< 0.01	1	5.00	A
Asparagus		294.66	216	6,445.71	A
Avocado		523.77	258	6,184.43	A
Barley		1.34	40	2,489.10	A
Barley (Forage - Fodder)		0.77	29	1,147.00	A
Bean, Dried		51.77	307	16,405.03	A
Bean, Succulent		28.52	103	2,882.60	A
Bean, Unspecified		0.05	3	120.00	A
Bermudagrass		1.11	9	489.00	A
Blackberry		11.28	37	334.00	A
Blueberry		193.58	45	1,537.40	A
Bok Choy		425.52	112	317.80	A
Broccoli		3,195.72	2,285	28,082.08	A
Brussels Sprout		231.55	190	2,352.59	A
Buildings/Non-Ag Outdroor		< 0.01	1	2.50	A
Cabbage		302.40	239	2,676.21	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cactus Pear		40.67	21	409.60	A
Canola (Rape)		0.13	2	120.00	A
Cantaloupe		25.00	90	7,655.91	A
Carrot		87.13	130	4,620.98	A
Cauliflower		613.28	471	4,547.16	A
Celeriac		4.90	6	30.60	A
Celery		2,136.97	898	10,179.27	A
Cherry		1,312.58	1,028	23,918.67	A
Chestnut		0.05	5	27.50	A
Chicory		13.73	6	139.70	A
Chinese Cabbage (Nappa)		60.18	90	620.53	A
Christmas Tree		1.09	14	56.00	A
Cilantro		9.61	59	340.81	A
Citrus		0.22	15	87.87	A
Clover		0.65	26	704.40	A
Collard		0.02	2	31.00	A
Corn (Forage - Fodder)		891.43	3,220	146,502.53	A
Corn, Grain		25.35	442	12,499.91	A
Corn, Human Consumption		206.06	854	21,820.06	A
Cotton		132.17	1,360	131,424.61	A
Cucumber		21.68	87	2,158.04	A
Date		7.20	10	326.60	A
Ditch Bank		3.08	34	115.10	A
Eggplant		0.10	6	141.50	A
Endive (Escarole)		16.98	101	272.99	A
Fava Bean		7.12	16	76.00	A
Fennel		20.55	21	192.70	A
Fig		0.69	13	453.00	A
Forage Hay/Silage		5.61	48	1,950.20	A
Forest, Timberland		0.32	25	1,040.00	A
Garbanzo Bean		4.50	33	2,464.00	A
Garlic		182.57	142	5,939.60	A
Gourd		0.01	2	16.00	A
Grain		0.05	7	115.00	A
Grape		2,438.14	3,525	124,902.29	A
Grape, Wine		17,834.03	11,889	415,003.15	A
Grapefruit		10.60	81	952.80	A
Greenhouse Fumigation		1.63	8	15.00	A
		< 0.01	1	768.00	S
Total Pounds On This Commodity	1.64				
Herb, Spice		0.11	3	20.75	A
Horseradish		0.05	1	70.00	A
Industrial Site		0.08	6	25.50	A
Kale		5.05	18	293.96	A
Kiwi		6.79	37	1,582.75	A
Landscape Maintenance		296.52			
Leek		6.36	31	120.29	A
Lemon		539.52	339	11,237.74	A
Lettuce, Head		4,003.07	4,314	53,696.37	A
Lettuce, Leaf		4,378.61	5,762	60,671.51	A
Melon		12.57	134	6,779.95	A
Mint		79.28	48	2,970.00	A
Mizuna		3.79	7	58.69	A
Mustard		< 0.01	2	7.40	A
N-Grnhs Flower		355.99	1,772	2,401.08	A
		5.31	10	695,000.00	S
Total Pounds On This Commodity	361.29				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Plants In Containers		55.21	242	437.84	A
		33.31	40	934,577.00	S
		16.14	20	895,000.00	U
Total Pounds On This Commodity	104.66				
N-Grnhs Transplants		10.50	47	62.41	A
		0.39	65	2,723,391.00	S
Total Pounds On This Commodity	10.89				
N-Outdr Flower		132.96	1,558	5,421.03	A
N-Outdr Plants In Containers		887.65	1,771	13,338.06	A
		15.02	8	117.00	U
		0.39	1	30,000.00	S
Total Pounds On This Commodity	903.07				
N-Outdr Transplants		129.76	225	2,664.64	A
		0.69	279	10,884,815.00	S
Total Pounds On This Commodity	130.45				
Nectarine		81.63	1,194	13,594.86	A
Oat		25.85	118	5,690.97	A
Oat (Forage - Fodder)		23.04	574	21,555.64	A
Olive		30.55	273	8,707.19	A
Onion, Dry		761.11	651	29,034.69	A
Onion, Green		68.11	98	692.39	A
Orange		3,678.90	2,359	59,632.86	A
Parsley		20.54	44	982.89	A
Pastureland		17.68	112	6,187.80	A
Peach		1,000.14	2,415	35,162.68	A
Pear		105.15	232	6,476.22	A
Peas		131.80	200	2,206.15	A
Pecan		0.56	22	309.50	A
Pepper, Fruiting		1,275.16	547	13,097.64	A
Pepper, Spice		15.87	9	147.06	A
Persimmon		0.44	49	414.00	A
Pimento		0.69	1	14.00	A
Pistachio		1,592.75	1,472	139,771.34	A
Plum		114.28	896	13,780.91	A
Pluot		2.23	57	659.14	A
Pomegranate		94.18	333	41,746.03	A
Pomelo		3.50	17	162.00	A
Potato		92.97	124	7,249.80	A
Prune		154.87	711	26,451.79	A
Public Health		1.01			
Pumpkin		23.31	80	2,345.10	A
Quince		< 0.01	4	0.20	A
Radicchio		7.53	39	2,367.40	A
Radish		2.61	3	33.60	A
Rangeland		36.22	81	3,657.80	A
Rappini		295.60	249	3,361.13	A
Raspberry		697.66	115	2,924.66	A
Recreation Area		< 0.01	1	2.00	A
Regulatory Pest Control		1.29			
		< 0.01		5.00	A
Total Pounds On This Commodity	1.30				
Research Commodity		2.06	10	108.19	A
Rice		1,101.56	811	61,406.49	A
Rice, Wild		0.15	2	82.00	A
Rights Of Way		207.58			
		14.19	116	2,073.62	A
		0.03	8	800.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	221.80				
Rye		0.62	8	153.00	A
Ryegrass		1.18	37	1,835.00	A
Safflower		3.42	60	8,225.40	A
Soil Fumigation/Preplant		157.12	174	8,528.49	A
Sorghum (Forage - Fodder)		0.32	13	1,209.00	A
Sorghum/Milo		0.35	10	359.00	A
Soybean		0.56	13	231.00	A
Spinach		3,317.53	272	2,620.33	A
Squash		5.24	45	971.00	A
Squash, Summer		17.13	19	140.30	A
Squash, Winter		0.70	6	207.00	A
Strawberry		122,078.68	4,508	142,967.49	A
Structural Pest Control		7.99			
		0.63	10	335.50	A
Total Pounds On This Commodity	8.62				
Sudangrass		0.76	49	1,845.09	A
Sugarbeet		7.50	124	8,231.46	A
Sunflower		7.70	176	10,019.50	A
Sweet Potato		0.95	13	341.00	A
Swiss Chard		6.30	25	264.25	A
Tangelo		65.15	90	1,350.41	A
Tangerine		218.59	419	9,740.74	A
Tomatillo		1.26	5	85.50	A
Tomato		508.15	689	30,384.69	A
		0.08	1	26,136.00	S
Total Pounds On This Commodity	508.23				
Tomato, Processing		2,037.05	2,551	198,532.81	A
Triticale		0.44	11	981.10	A
Turf/Sod		140.50	17	263.60	A
Turnip		0.03	3	55.88	A
Uncultivated Ag		96.13	901	60,201.97	A
Uncultivated Non-Ag		23.46	105	3,824.00	A
Unknown		0.08	6	31.30	A
Vegetable		0.41	2	80.00	A
Vertebrate Control		196.01	44	1,554.98	A
Walnut		3,604.86	4,240	118,567.33	A
Water Area		0.16	29	204.37	A
Watermelon		326.74	165	6,778.44	A
Wheat		33.32	797	43,031.78	A
Wheat (Forage - Fodder)		12.83	544	28,569.46	A
Chemical Total		202,690.95	92,237		
DIMETHYL SILICONE FLUID EMULSION					
Alfalfa		0.07	3	89.00	A
Almond		9.68	121	2,242.83	A
Apricot		0.55	3	261.00	A
Bean, Dried		0.15	1	78.00	A
Blackberry		0.24	3	10.00	A
Broccoli		< 0.01	1	10.25	A
Cotton		1.47	3	227.00	A
Forage Hay/Silage		0.17	4	45.75	A
Grape		1.08	10	166.00	A
Grape, Wine		39.58	574	22,211.48	A
Grapefruit		0.30	5	48.00	A
Landscape Maintenance		5.64			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.02	1	5.00	A
Total Pounds On This Commodity	5.66				
Lemon		2.04	10	135.00	A
Lettuce, Head		0.53	23	250.99	A
Lettuce, Leaf		4.94	18	182.32	A
N-Outdr Flower		13.42	46	151.75	A
Olive		10.66	54	1,060.00	A
Orange		63.21	217	4,822.81	A
Peach		0.13	4	40.00	A
Persimmon		0.21	1	15.00	A
Pomegranate		0.78	2	120.00	A
Potato		0.21	2	64.97	A
Prune		0.61	3	140.00	A
Raspberry		0.96	5	117.00	A
Rights Of Way		51.56			
Strawberry		45.93	88	2,107.00	A
Structural Pest Control		0.16			
Tangelo		0.66	2	33.00	A
Tangerine		2.85	11	144.00	A
Walnut		2.92	19	529.30	A
Chemical Total		260.76	1,234		
DIMETHYL SOYA AMINE					
Cotton		5.26	2	160.00	A
Grape, Wine		0.54	7	29.36	A
Lettuce, Leaf		0.06	1	9.00	A
Rice		10.82	18	1,129.70	A
Spinach		0.24	1	5.10	A
Walnut		1.58	1	30.00	A
Chemical Total		18.49	30		
DINOCAP					
N-Grnhs Flower		2.02	11	300,106.00	S
Chemical Total		2.02	11		
ALPHA-(ORTHO,PARA-DINONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)					
Lettuce, Leaf		0.44	1	12.77	A
Strawberry		0.98	2	33.00	A
Chemical Total		1.42	3		
ALPHA-(ORTHO,PARA-DINONYLPHENYL)-OMEGA-HYDROXYPOLYOXY (ETHYLENE) PHOSPHATE					
Alfalfa		5.29	2	156.90	A
Almond		57.12	32	1,542.21	A
Barley		3.79	3	168.00	A
Bean, Dried		31.07	2	210.00	A
Cherry		3.60	1	16.00	A
Corn (Forage - Fodder)		35.17	13	730.20	A
Cotton		27.86	8	1,766.00	A
Grape		9.94	7	78.30	A
Grape, Wine		6.62	10	160.70	A
Landscape Maintenance		0.06	1	5.00	A
N-Grnhs Plants In Containers		0.02	1	0.06	A
Olive		1.32	3	63.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange		1.08	1	8.00	A
Pistachio		49.65	31	1,678.12	A
Plum		0.70	1	12.50	A
Sorghum/Milo		6.72	5	208.90	A
Uncultivated Ag		2.53	1	40.00	A
Uncultivated Non-Ag		6.19	1	55.00	A
Walnut		15.32	10	417.00	A
Wheat		71.82	17	1,471.10	A
Wheat (Forage - Fodder)		3.38	3	100.00	A
Chemical Total		339.25	153		
DINOSEB					
Almond		2.92	1	7.71	A
Grape, Wine		803.97	4	223.00	A
Landscape Maintenance		0.07			
N-Outdr Flower		4.56	2	8,000.00	S
N-Outdr Plants In Containers		1.75	13	19.00	A
Structural Pest Control		0.06			
Walnut		2.33	1	54.00	A
Chemical Total		815.65	21		
DINOSEB, AMINE SALT					
Cucumber		0.42	2	4.00	A
Chemical Total		0.42	2		
DINOTEFURAN					
Animal Premise		0.35		3.00	U
Bok Choy		2.79	4	44.96	A
Broccoli		402.23	170	1,984.41	A
Brussels Sprout		23.76	24	185.40	A
Cabbage		34.49	19	221.70	A
Cantaloupe		382.73	43	2,672.50	A
Cauliflower		78.32	23	543.80	A
Celery		13.70	7	111.56	A
Chinese Cabbage (Nappa)		30.84	74	227.80	A
Corn, Human Consumption		19.81	1	150.91	A
Cotton		293.36	23	2,286.60	A
Cucumber		18.44	8	105.66	A
Eggplant		0.88	1	5.00	A
Grape		226.81	25	1,060.26	A
Grape, Wine		3,682.66	578	24,376.59	A
Landscape Maintenance		43.15			
Lettuce, Head		31.28	35	242.45	A
Lettuce, Leaf		63.58	51	507.10	A
Melon		147.27	26	961.52	A
Mustard		0.63	8	5.26	A
N-Grnhs Flower		59.96	290	390.84	A
		48.71	85	2,207,962.00	S
		0.09	2	41,256.00	U
Total Pounds On This Commodity	108.76				
N-Grnhs Plants In Containers		320.71	690	1,127.11	A
		137.74	368	5,797,540.50	S
		11.45	53	178,380.00	U
Total Pounds On This Commodity	469.89				
N-Grnhs Transplants		20.02	56	400,600.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		14.44	43	24.45	A
Total Pounds On This Commodity	34.46				
N-Outdr Flower		73.74	127	543.52	A
		1.78	16	367,788.00	S
Total Pounds On This Commodity	75.51				
N-Outdr Plants In Containers		155.28	562	1,196.11	A
		82.84	247	1,864,880.00	S
		7.56	21	46,132.00	U
Total Pounds On This Commodity	245.69				
N-Outdr Transplants		9.39	45	60.40	A
		0.20	2	60,000.00	S
Total Pounds On This Commodity	9.59				
Olive		0.25	1	37,000.00	S
Pepper, Fruiting		87.12	7	576.60	A
Pepper, Spice		0.04	3	0.38	A
Pumpkin		26.66	7	180.60	A
Regulatory Pest Control		0.02			
Research Commodity		0.84			
		0.06	5	0.50	A
Total Pounds On This Commodity	0.90				
Rights Of Way		0.16	2	3.00	A
		< 0.01			
Total Pounds On This Commodity	0.17				
Spinach		8.00	13	60.70	A
Squash		17.38	8	99.56	A
Squash, Summer		0.79	1	4.50	A
Structural Pest Control		10.18			
Tomatillo		24.38	5	195.00	A
Tomato		32.05	7	202.10	A
Tomato, Processing		1,499.33	50	6,582.94	A
Unknown		5.36	2	2.00	A
Vertebrate Control		0.28			
		0.22	1	10.10	A
Total Pounds On This Commodity	0.50				
Watermelon		134.89	27	727.84	A
Chemical Total		8,288.96	3,866		
DIOCTYL DIMETHYL AMMONIUM CHLORIDE					
Fumigation, Other		0.14			
Landscape Maintenance		38.76			
N-Grnhs Flower		0.77	3	52,500.00	S
N-Grnhs Plants In Containers		21.04	16	78.00	A
		11.21		7.00	U
		0.31	27	808,170.00	S
Total Pounds On This Commodity	32.56				
N-Grnhs Transplants		5.47	5	30,000.00	S
N-Outdr Flower		0.11	3	79,500.00	S
N-Outdr Plants In Containers		0.56	4	3.50	A
Structural Pest Control		2,882.38			
Water (Industrlial)		8,103.22		31.00	U
		5,441.17		87.00	A
Total Pounds On This Commodity	13,544.39				
Chemical Total		16,505.13	58		
DIOCTYL PHTHALATE					
Alfalfa		30.72	8	622.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bean, Dried		8.13	3	234.00	A
Carrot		1.39	1	40.00	A
Corn (Forage - Fodder)		5.15	1	148.00	A
Cotton		1.04	1	20.00	A
Lettuce, Leaf		1.17	1	9.00	A
Melon		9.29	3	260.00	A
Peach		4.32	3	31.00	A
Rice		78.11	19	2,246.30	A
Squash		0.78	1	15.00	A
Storage Area/Box		2.75		1.00	K
Sunflower		3.49	1	100.50	A
Tomato, Processing		30.06	10	1,052.50	A
Uncultivated Ag		3.83	1	110.00	A
Walnut		5.22	1	25.00	A
Watermelon		0.52	1	15.00	A
Chemical Total		185.97	55		
1,7-DIOXASPIRO-(5,5)-UNDECANE					
Olive		< 0.01	2	6.00	A
Regulatory Pest Control		< 0.01			
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	2		
DIOXATHION					
Landscape Maintenance		0.11	1	36.50	A
Chemical Total		0.11	1		
DIOXATHION, OTHER RELATED					
Landscape Maintenance		0.05	1	36.50	A
Chemical Total		0.05	1		
DIPHACINONE					
Airport		< 0.01		245.00	A
Alfalfa		0.02	5	376.00	A
Almond		0.41	105	4,271.94	A
		< 0.01	1	70.00	U
Total Pounds On This Commodity	0.41				
Animal Premise		0.14		160.00	U
		< 0.01			
		< 0.01		10.00	A
Total Pounds On This Commodity	0.15				
Apple		0.01	13	267.50	A
Avocado		0.87	667	9,915.67	A
		< 0.01	5	2,400.00	S
Total Pounds On This Commodity	0.88				
Barley		0.29	1	289.00	A
Bean, Succulent		< 0.01	8	84.80	A
Blueberry		0.03	4	228.30	A
Christmas Tree		< 0.01		30.00	A
Citrus		< 0.01	4	193.00	A
Corn, Human Consumption		< 0.01	1	1.50	A
Ditch Bank		0.01	1	2.00	A
Eggplant		< 0.01	6	36.00	A
Farm/Ag Building		< 0.01		5.00	U
Forage Hay/Silage		< 0.01	2	4.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape		0.11	47	3,162.52	A
Grape, Wine		0.97	169	9,796.23	A
		< 0.01	1	5.00	U
		< 0.01	1	10.00	S
Total Pounds On This Commodity	0.97				
Grapefruit		0.21	51	469.07	A
Industrial Site		0.01		609.00	A
		< 0.01		87.00	S
Total Pounds On This Commodity	0.01				
Kumquat		< 0.01	1	7.50	A
Landscape Maintenance		11.69			
		0.12	54	1,567.10	A
		< 0.01	1	20,000.00	S
Total Pounds On This Commodity	11.81				
Lemon		0.15	125	2,630.10	A
N-Grnhs Plants In Containers		0.03	36	136.50	A
		< 0.01	2	57,000.00	S
Total Pounds On This Commodity	0.03				
N-Grnhs Transplants		< 0.01	12	14.28	A
N-Outdr Flower		< 0.01	6	11.50	A
		< 0.01	11	8,960.00	S
Total Pounds On This Commodity	0.01				
N-Outdr Plants In Containers		0.23	182	818.48	A
		0.01	195	21,100.00	S
		< 0.01	2	12.12	U
Total Pounds On This Commodity	0.24				
N-Outdr Transplants		< 0.01	10	30.96	A
Nectarine		< 0.01	2	3.00	A
Nuts		< 0.01	3	4.17	A
Oat (Forage - Fodder)		0.01	2	95.00	A
Olive		0.11	32	1,171.80	A
Orange		0.81	362	12,766.91	A
		< 0.01	8	3,100.00	S
Total Pounds On This Commodity	0.81				
Pastureland		0.08	35	389.77	A
Peach		< 0.01	2	14.50	A
Pear		< 0.01	2	16.00	A
Pecan		< 0.01	1	10.00	A
Pepper, Fruiting		< 0.01	2	3.50	A
Persimmon		< 0.01	1	2.00	A
Pistachio		0.20	72	7,058.00	A
Plum		< 0.01	2	15.00	A
Pomelo		< 0.01	1	1.00	A
Poultry		< 0.01	1	14.00	A
Prune		0.06	5	237.00	A
Public Health		0.12			
Rangeland		0.17	28	3,694.30	A
Recreation Area		< 0.01	2	245.00	A
Regulatory Pest Control		2.81			
Research Commodity		0.02			
Rights Of Way		4.25			
		0.08	44	385.80	A
		< 0.01	1	20.00	U
Total Pounds On This Commodity	4.34				
Stone Fruit		< 0.01	6	27.00	A
Strawberry		0.05	10	151.50	A
Structural Pest Control		5.26			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		< 0.01	1	30.00	A
Total Pounds On This Commodity	5.26				
Tangelo		< 0.01	13	508.50	A
Tangerine		0.05	21	1,648.00	A
Turf/Sod		< 0.01	11	1,334.00	A
Uncultivated Ag		0.27	59	1,309.35	A
		< 0.01	2	58,000.00	S
Total Pounds On This Commodity	0.27				
Uncultivated Non-Ag		0.06	3	1,200.00	U
		0.02	9	1,301.00	A
Total Pounds On This Commodity	0.08				
Unknown		0.03	6	300.00	A
Vertebrate Control		13.12			
		0.18	19	3,903.00	A
		< 0.01	1	4.00	U
Total Pounds On This Commodity	13.30				
Walnut		0.16	97	2,076.13	A
Water Area		< 0.01	1	20.00	A
Watermelon		< 0.01	1	0.33	A
Wheat		1.53	12	1,791.00	A
Chemical Total		44.91	2,609		
DIPHACINONE, SODIUM SALT					
Animal Premise		0.45		188.00	U
		0.02			
Total Pounds On This Commodity	< 0.01				
Farm/Ag Building		0.11		36.00	U
Landscape Maintenance		0.28			
Poultry		1.37	13	182.00	A
Rights Of Way		< 0.01			
Structural Pest Control		1.09			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	13		
DIPHENYLAMINE					
Apple		333.47		5,371.80	T
Chemical Total		333.47			
DIPROPYLENE GLYCOL METHYL ETHER					
Alfalfa		38.45	182	7,812.80	A
Almond		12.48	5	390.00	A
Broccoli		25.65	216	1,526.20	A
Cabbage		1.46	19	91.00	A
Chinese Cabbage (Nappa)		0.22	2	13.50	A
Forage Hay/Silage		0.13	1	20.00	A
Pastureland		1.30	8	203.00	A
Wheat		0.51	3	260.00	A
Chemical Total		80.19	436		
DIPROPYL ISOCINCHOMERONATE					
Structural Pest Control		0.01			
Chemical Total		0.01			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIQUAT DIBROMIDE					
Alfalfa		11,956.09	206	16,108.19	A
Almond		35.43	3	100.00	A
Ditch Bank		27.04	16	24.50	A
Grape, Wine		188.88	37	193.05	A
Industrial Site		7.46	1	13.00	A
Landscape Maintenance		9,021.59			
		25.00	24	373.30	A
Total Pounds On This Commodity	9,046.58				
N-Grnhs Flower		207.31	58	138.59	A
		33.71	47	3,069,792.00	S
Total Pounds On This Commodity	241.02				
N-Grnhs Plants In Containers		472.62	234	283.48	A
		398.03	125	4,333,414.00	S
		1.40	3	67,360.00	U
Total Pounds On This Commodity	872.05				
N-Grnhs Transplants		2.98	3	1.41	A
		2.30	18	49,600.00	S
Total Pounds On This Commodity	5.28				
N-Outdr Flower		584.92	163	514.24	A
		55.42	54	893,978.00	S
Total Pounds On This Commodity	640.34				
N-Outdr Plants In Containers		2,727.07	1,038	2,686.82	A
		349.95	370	11,745,235.50	S
		0.74	4	3.00	U
Total Pounds On This Commodity	3,077.76				
N-Outdr Transplants		613.16	68	670.14	A
Olive		43.03	2	23.08	A
Pistachio		30.07	4	502.00	A
Pomegranate		70.85	5	143.00	A
Potato		4,362.69	99	5,895.94	A
Public Health		22.12			
Recreation Area		0.47	1	2.00	A
Regulatory Pest Control		340.15			
		110.01		39.31	A
Total Pounds On This Commodity	450.16				
Research Commodity		19.76			
Rights Of Way		20,377.12			
		71.08	45	47.62	A
Total Pounds On This Commodity	20,448.20				
Structural Pest Control		48.51			
		0.93	1	3.00	A
Total Pounds On This Commodity	49.44				
Turf/Sod		4.79	5	52.12	A
Uncultivated Ag		2,330.75	323	614.34	A
		55.25	59	910,000.00	S
Total Pounds On This Commodity	2,386.00				
Uncultivated Non-Ag		95.22	21	262.10	A
		< 0.01	1	500.00	S
Total Pounds On This Commodity	95.22				
Unknown		536.51	5	88.50	A
		0.26	3	46,800.00	S
Total Pounds On This Commodity	536.77				
Vertebrate Control		28.97			
Water (Industrlial)		22.37		10.00	A
Water Area		2,528.78	33	741.16	A
		604.12			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		15.10		130,680.00	C
		6.53	1	1.00	U
		4.37		18,100.00	S
Total Pounds On This Commodity	3,158.89				
Chemical Total		58,440.92	3,080		
DISODIUM OCTABORATE ANHYDROUS					
Rights Of Way		27.01			
Chemical Total		27.01			
DISODIUM OCTABORATE TETRAHYDRATE					
Avocado		0.45	16	10.60	A
Forest, Timberland		1.23	1	13.00	A
Fumigation, Other		8,072.46			
Grape		3.16	4	31.01	A
Grape, Wine		30.83	63	894.32	A
Grapefruit		1.56	12	19.00	A
Landscape Maintenance		291.17			
		1.10	1	10.00	A
Total Pounds On This Commodity	292.27				
Lemon		5.41	35	117.42	A
Lumber, Treated		6,810.02		475,855.00	U
Orange		17.13	56	391.46	A
Regulatory Pest Control		0.78			
Rights Of Way		12,090.70			
Structural Pest Control		166,018.48			
Tangelo		0.62	22	9.80	A
Tangerine		0.89	5	10.20	A
Chemical Total		193,346.00	215		
DISULFOTON					
Asparagus		5,326.63	121	5,348.50	A
Bean, Dried		43.94	3	22.00	A
Bean, Succulent		25.96	1	13.00	A
Bean, Unspecified		39.94	2	20.00	A
Broccoli		420.94	41	403.00	A
Cabbage		840.76	36	420.99	A
Cauliflower		33.55	4	33.50	A
Landscape Maintenance		13.12			
		0.66	1	100.00	A
Total Pounds On This Commodity	13.78				
Lettuce, Head		631.45	39	530.20	A
Lettuce, Leaf		486.51	28	297.50	A
N-Grnhs Plants In Containers		0.02	1	4,000.00	S
N-Outdr Transplants		345.85	16	43.30	A
Rights Of Way		0.33			
Structural Pest Control		< 0.01			
Tomato, Processing		120.66	2	95.00	A
Chemical Total		8,330.33	295		
DITHIOPYR					
Almond		0.02	2	50.50	A
Blackberry		7.97	8	42.50	A
Landscape Maintenance		7,529.83			
		19.44	13	411.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	7,549.28				
N-Grnhs Plants In Containers		1.75	1	1.50	A
N-Grnhs Transplants		1.12	1	0.04	A
N-Outdr Flower		17.50	3	34.00	A
N-Outdr Plants In Containers		55.55	30	65.56	A
		0.94	6	54,550.00	S
Total Pounds On This Commodity	56.50				
Pastureland		2.98	2	15.00	A
Recreation Area		89.96	1	190.00	A
Rights Of Way		7,784.94			
Structural Pest Control		276.95			
Turf/Sod		77.79	6	263.95	A
		0.10	1	6,000.00	S
Total Pounds On This Commodity	77.88				
Unknown		49.81	3	95.00	A
Chemical Total		15,916.65	77		
DIURON					
Alfalfa		92,428.28	1,585	92,557.94	A
Almond		63.15	3	45.38	A
Apple		359.98	21	350.96	A
Artichoke, Globe		2,151.86	83	2,970.70	A
Asparagus		4,230.85	57	3,366.80	A
Citrus		115.37	10	61.70	A
Cotton		6,515.02	1,770	150,988.01	A
Ditch Bank		119.98	1	150.00	A
Grape		6,411.11	354	8,966.29	A
Grape, Wine		12,879.59	526	17,391.01	A
Grapefruit		2,671.26	117	1,717.23	A
Industrial Site		155.47		48.00	A
Landscape Maintenance		48,351.80			
		51.19	2	110.00	A
Total Pounds On This Commodity	48,402.99				
Lemon		9,799.12	226	5,223.13	A
Mint		967.63	25	1,004.50	A
N-Grnhs Flower		32.90	18	24.00	A
N-Grnhs Plants In Containers		3.20	2	22,000.00	S
N-Grnhs Transplants		189.69	10	250.00	A
N-Outdr Flower		37.60	19	19.00	A
N-Outdr Plants In Containers		57.70	18	56.00	A
N-Outdr Transplants		245.62	11	167.00	A
Olive		6,237.58	197	5,021.54	A
Orange		135,821.40	3,043	73,887.22	A
Pastureland		16.51	3	11.50	A
Peach		39.28	8	52.90	A
Pear		3,965.88	33	964.41	A
Pecan		70.29	5	57.50	A
Pomelo		333.04	17	169.00	A
Public Health		2,283.58			
Rangeland		6.00	1	30.00	A
Research Commodity		8.32			
Rights Of Way		185,794.56			
		2,575.84	29	1,629.00	A
Total Pounds On This Commodity	188,370.40				
Soil Fumigation/Preplant		12.00	1	2.50	A
Structural Pest Control		1,489.43			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		11.20	3	14.00	A
Total Pounds On This Commodity	1,500.63				
Sugarcane		24.00	1	30.00	A
Tangelo		3,022.13	93	2,004.50	A
Tangerine		63,452.42	253	12,407.58	A
Uncultivated Ag		1,197.16	42	976.25	A
Uncultivated Non-Ag		3,353.47	56	1,411.00	A
Walnut		17,474.08	714	16,887.51	A
Water Area		287.94	1	60.00	A
Chemical Total		615,314.48	9,358		
E,E-8,10-DODECADIEN-1-OL					
Almond		0.52	1	13.00	A
Apple		118.62	116	1,585.38	A
Asian Pear		0.82	2	10.00	A
Peach		0.86	4	62.00	A
Pear		711.02	195	6,345.94	A
Plum		1.06	14	137.00	A
Quince		0.05	1	0.30	A
Walnut		588.97	207	6,704.78	A
Chemical Total		1,421.93	540		
Z-8-DODECENOL					
Almond		0.02	7	70.73	A
Apple		0.02	4	75.57	A
Apricot		0.42	20	160.54	A
Cherry		0.71	31	709.39	A
N-Outdr Plants In Containers		0.93	15	177.66	A
N-Outdr Transplants		0.01	8	37.64	A
Nectarine		45.03	869	11,164.02	A
Peach		77.54	1,635	27,601.64	A
		0.13	10	40,740.00	U
Total Pounds On This Commodity	77.67				
Pear		0.57	91	2,104.90	A
Plum		3.67	313	4,243.45	A
Pluot		0.05	2	45.30	A
Prune		< 0.01	2	20.50	A
Quince		< 0.01	2	25.00	A
Tomato, Processing		0.08	2	310.00	A
Chemical Total		129.20	3,011		
E-8-DODECENYL ACETATE					
Almond		0.10	7	70.73	A
Apple		0.13	4	75.57	A
Apricot		2.38	20	160.54	A
Cherry		4.07	31	709.39	A
N-Outdr Plants In Containers		5.34	15	177.66	A
N-Outdr Transplants		0.06	8	37.64	A
Nectarine		267.93	869	11,164.02	A
Peach		446.86	1,635	27,601.64	A
		0.72	10	40,740.00	U
Total Pounds On This Commodity	447.58				
Pear		3.18	91	2,104.90	A
Plum		20.83	313	4,243.45	A
Pluot		0.30	2	45.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Prune		0.05	2	20.50	A
Quince		0.03	2	25.00	A
Tomato, Processing		0.41	2	310.00	A
Chemical Total		752.38	3,011		
Z-8-DODECENYL ACETATE					
Almond		1.42	7	70.73	A
Apple		1.95	4	75.57	A
Apricot		36.98	20	160.54	A
Cherry		63.48	31	709.39	A
N-Outdr Plants In Containers		83.10	15	177.66	A
N-Outdr Transplants		0.84	8	37.64	A
Nectarine		4,141.90	869	11,164.02	A
Peach		6,804.16	1,635	27,601.64	A
		10.72	10	40,740.00	U
Total Pounds On This Commodity	6,814.87				
Pear		47.56	91	2,104.90	A
Plum		319.16	313	4,243.45	A
Pluot		4.61	2	45.30	A
Prune		0.77	2	20.50	A
Quince		0.46	2	25.00	A
Tomato, Processing		6.14	2	310.00	A
Chemical Total		11,523.25	3,011		
(Z)-9-DODECENYL ACETATE					
Forest, Timberland		0.02	1	123.00	A
Chemical Total		0.02	1		
DODECYLBENZENE SULFONIC ACID					
Alfalfa		213.24	253	11,619.20	A
Almond		3,192.51	473	31,280.83	A
Animal Premise		10.14		34.00	U
Apple		2.25	15	100.00	A
Apricot		5.09	7	127.60	A
Arrugula		2.00	12	85.20	A
Artichoke, Globe		13.49	21	199.40	A
Asparagus		63.90	17	1,360.10	A
Avocado		28.66	138	538.00	A
		2.05	3	480,000.00	U
Total Pounds On This Commodity	30.71				
Bean, Dried		23.57	63	1,789.80	A
Bean, Succulent		2.27	4	101.50	A
Beet		0.21	2	7.00	A
Blackberry		2.63	15	86.37	A
Blueberry		4.91	7	137.50	A
Bok Choy		2.19	44	67.70	A
Broccoli		221.15	498	6,841.45	A
Brussels Sprout		7.21	12	221.00	A
Cabbage		7.21	26	163.00	A
Cantaloupe		4.21	9	276.00	A
Carrot		5.66	10	177.26	A
Cauliflower		69.69	213	2,270.29	A
Celery		60.76	287	2,068.31	A
Cherry		120.06	35	1,221.60	A
Chicory		7.13	7	107.90	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chinese Cabbage (Nappa)		7.04	40	209.20	A
Cilantro		2.19	15	72.70	A
Citrus		2.48	4	70.00	A
Corn (Forage - Fodder)		97.80	157	5,466.74	A
Corn, Human Consumption		32.72	91	2,853.56	A
Cotton		223.05	331	10,761.52	A
Endive (Escarole)		5.52	23	139.10	A
Fennel		12.10	91	471.90	A
Forage Hay/Silage		6.23	19	699.80	A
Grape		1,454.63	1,072	44,285.76	A
Grape, Wine		909.37	631	26,168.65	A
Grapefruit		1.15	7	60.00	A
Kale		0.72	7	30.10	A
Kiwi		< 0.01	1	0.66	A
Landscape Maintenance		190.17			
		1.44	5	248.00	A
Total Pounds On This Commodity	191.61				
Leek		0.11	13	3.25	A
Lemon		1.66	5	42.00	A
Lettuce, Head		817.33	1,936	24,821.12	A
Lettuce, Leaf		527.85	1,440	13,300.54	A
Melon		5.08	8	278.90	A
Mint		1.09	5	153.00	A
Mustard		1.11	22	21.26	A
N-Grnhs Flower		92.03	322	1,325.79	A
		22.97	84	2,841,400.00	S
Total Pounds On This Commodity	115.00				
N-Grnhs Plants In Containers		50.75	548	1,230.21	A
		8.84	147	5,252,456.00	S
Total Pounds On This Commodity	59.59				
N-Outdr Flower		40.55	353	2,264.46	A
		0.23	5	180,000.00	S
Total Pounds On This Commodity	40.78				
N-Outdr Plants In Containers		104.94	1,147	2,309.42	A
		1.42	40	829,600.00	S
Total Pounds On This Commodity	106.37				
N-Outdr Transplants		20.39	89	292.83	A
		8.45	123	11,589,600.00	S
		0.50	1	75,000.00	U
Total Pounds On This Commodity	29.34				
Nectarine		120.30	254	4,061.52	A
Oat		0.82	2	37.00	A
Oat (Forage - Fodder)		7.23	8	334.00	A
Olive		0.62	2	29.00	A
Onion, Dry		3.99	9	203.60	A
Orange		158.07	202	4,177.20	A
Parsley		0.69	3	28.50	A
Pastureland		1.14	1	160.00	A
Peach		335.48	257	5,332.35	A
Pear		0.73	11	17.50	A
Peas		6.19	26	266.40	A
Pepper, Fruiting		4.95	6	202.00	A
Pepper, Spice		0.81	1	56.70	A
Persimmon		1.84	2	32.00	A
Pistachio		756.32	94	9,037.94	A
Plum		52.39	141	1,978.24	A
Pomegranate		19.24	26	341.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		2.41	4	290.00	A
Poultry		0.43		14.00	U
Prune		10.83	4	235.00	A
Pumpkin		0.18	2	8.00	A
Quince		1.42	2	25.00	A
Radish		0.50	14	9.35	A
Rangeland		0.53	1	15.00	A
Rappini		1.63	3	46.30	A
Raspberry		38.65	111	1,113.73	A
Research Commodity		0.27			
Rice, Wild		1.73	8	294.00	A
Rights Of Way		42.12			
		0.18	2	10.00	A
Total Pounds On This Commodity	42.30				
Sorghum/Milo		2.60	1	85.00	A
Spinach		1.86	21	35.90	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		467.15	486	10,105.10	A
Structural Pest Control		1,901.28			
Sudangrass		0.44	2	80.00	A
Sunflower		3.94	5	278.00	A
Tangelo		0.98	5	21.75	A
Tangerine		66.92	37	2,048.80	A
Timothy		16.04	36	1,328.80	A
Tomato		72.08	69	2,538.35	A
Tomato, Processing		102.88	64	4,967.42	A
Turnip		0.44	12	8.11	A
Uncultivated Ag		3.01	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	3.02				
Uncultivated Non-Ag		2.78	3	11.25	A
Unknown		0.53	4	2.00	A
Walnut		360.81	146	4,063.93	A
Watermelon		1.91	10	91.00	A
Wheat		5.32	9	388.00	A
Chemical Total		13,306.82	13,070		
DODECYLBENZENE SULFONIC ACID, CALCIUM SALT					
Alfalfa		1.24	2	300.10	A
Cotton		1.28	4	620.00	A
Tomato, Processing		1.46	5	617.50	A
Water Area		0.62	1	3.00	A
Chemical Total		4.60	12		
DODECYL GUANIDINE HYDROCHLORIDE					
Commodity Fumigation		83.07			
Chemical Total		83.07			
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		4.30	6	232.70	A
Almond		286.42	336	17,281.71	A
Apple		15.12	58	478.60	A
Apricot		11.46	28	697.50	A
Arrugula		0.48	9	46.27	A
Artichoke, Globe		50.94	69	3,935.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Avocado		1.17	6	217.00	A
Bean, Dried		1.56	6	199.00	A
Bean, Succulent		2.84	8	406.00	A
Blackberry		10.83	51	567.10	A
Blueberry		15.64	48	1,036.68	A
Bok Choy		0.08	1	8.00	A
Broccoli		2.47	32	255.99	A
Cabbage		0.10	4	9.00	A
Cardoon		0.03	1	3.00	A
Carrot		16.21	36	1,699.92	A
Cauliflower		0.37	4	34.00	A
Celery		15.78	266	1,519.73	A
Cherry		85.14	189	4,613.55	A
Chestnut		0.58	3	40.00	A
Corn (Forage - Fodder)		23.80	53	1,825.50	A
Corn, Human Consumption		0.72	1	75.00	A
Cotton		20.82	5	466.50	A
Cucumber		0.69	1	72.00	A
Endive (Escarole)		0.72	50	72.20	A
Grape		675.77	625	18,945.33	A
Grape, Wine		165.89	1,010	13,629.93	A
Grapefruit		0.42	4	15.50	A
Landscape Maintenance		0.19			
Lemon		0.16	10	14.70	A
Lettuce, Head		25.17	153	2,504.10	A
Lettuce, Leaf		27.45	201	2,702.12	A
Mizuna		0.33	10	31.97	A
N-Grnhs Flower		0.03	9	4.22	A
N-Grnhs Plants In Containers		0.11	2	3.75	A
N-Outdr Flower		0.51	15	31.89	A
		0.07	5	36,600.00	S
Total Pounds On This Commodity	0.59				
N-Outdr Plants In Containers		11.36	85	490.98	A
Nectarine		61.91	260	3,209.95	A
Olive		60.39	30	2,231.30	A
Onion, Dry		10.89	19	904.24	A
Onion, Green		0.14	5	15.00	A
Orange		97.90	80	2,779.01	A
Peach		76.15	408	5,314.12	A
Pear		16.63	35	898.90	A
Pepper, Fruiting		5.35	16	560.68	A
Pistachio		25.77	10	1,069.00	A
Plum		13.63	60	911.77	A
Pomegranate		37.39	6	1,157.72	A
Potato		4.83	6	412.50	A
Prune		2.09	6	179.00	A
Raspberry		40.30	145	2,031.02	A
Rice		7.43	21	3,024.20	A
Rights Of Way		8.10			
Spinach		0.08	1	8.00	A
Squash		1.92	1	50.00	A
Strawberry		513.16	774	35,664.51	A
Sunflower		2.57	4	256.10	A
Swiss Chard		0.44	8	42.02	A
Tangelo		1.13	3	66.00	A
Tangerine		13.06	22	596.13	A
Tomato		4.39	17	171.23	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing		30.85	75	3,187.08	A
Turf/Sod		0.56	4	65.00	A
Uncultivated Ag		0.48	2	32.50	A
Unknown		0.54	4	128.20	A
Vegetable		0.10	5	11.66	A
Walnut		221.80	438	14,716.71	A
Watermelon		1.72	6	174.75	A
Wheat		0.32	1	41.50	A
Chemical Total		2,737.79	5,872		
DODEMORPH ACETATE					
N-Grnhs Flower		4.63	6	184,062.00	S
Chemical Total		4.63	6		
DODINE					
Almond		0.18	1	0.14	A
Pear		1,382.59	50	1,283.00	A
Structural Pest Control		119.19	3	110.00	A
Chemical Total		1,501.95	54		
DICHLORPROP, BUTOXYETHANOL ESTER					
Landscape Maintenance		0.71			
N-Grnhs Transplants		7.99		2.00	A
Structural Pest Control		0.33			
Chemical Total		9.04			
2-(2,4-DP), DIMETHYLAMINE SALT					
Landscape Maintenance		111.46			
		< 0.01	1	1.00	A
Total Pounds On This Commodity	< 0.01				
Turf/Sod		3.58	2	6.00	A
Chemical Total		115.04	3		
2,4-DP, ISOOCTYL ESTER					
Landscape Maintenance		0.10	1	1.00	A
Rights Of Way		1.13			
Chemical Total		1.23	1		
2,4-DP-P, DIMETHYLAMINE SALT					
Landscape Maintenance		3.99			
Rights Of Way		0.11			
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
2,4-DP-P, ISOOCTYL ESTER					
Landscape Maintenance		95.46			
Rights Of Way		0.26			
Chemical Total		95.72			
DRY MILK SOLIDS					
Carrot		2.72	3	226.36	A
Orange		0.45	1	6.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		3.17	4		
DSMA					
Landscape Maintenance		0.07			
N-Grnhs Flower		0.06	1	0.25	A
Chemical Total		0.13	1		
EDTA, SODIUM SALT					
Alfalfa		4.30	60	3,253.30	A
Almond		37.62	348	23,323.53	A
Apple		0.73	19	652.00	A
Apricot		0.22	17	422.50	A
Blueberry		4.47	44	3,572.00	A
Cherry		1.66	33	992.00	A
Corn (Forage - Fodder)		0.47	10	477.00	A
Cotton		0.04	2	60.00	A
Forage Hay/Silage		0.05	2	87.00	A
Grape		15.23	554	20,819.25	A
Grape, Wine		19.61	244	27,624.62	A
Kiwi		0.03	1	20.00	A
Lemon		0.02	1	8.00	A
N-Grnhs Plants In Containers		0.22	39	25.74	A
N-Grnhs Transplants		< 0.01	2	2.05	A
N-Outdr Plants In Containers		0.54	311	192.00	A
N-Outdr Transplants		0.43	4	225.00	A
Nectarine		0.86	45	855.34	A
Orange		6.20	60	1,560.00	A
Peach		0.91	39	760.00	A
Pepper, Fruiting		0.04	1	16.00	A
Pistachio		21.95	88	8,207.34	A
Plum		0.39	25	361.50	A
Rights Of Way		< 0.01			
Spinach		0.11	1	8.00	A
Strawberry		0.31	10	317.00	A
Sudangrass		0.02	3	40.30	A
Tangelo		0.31	2	67.00	A
Tomato		0.38	8	235.00	A
Tomato, Processing		0.06	4	218.46	A
Uncultivated Ag		0.03	1	5.00	A
Unknown		0.12	14	420.74	A
Walnut		3.14	66	2,811.64	A
Watermelon		< 0.01	1	0.20	A
Wheat		0.09	4	235.00	A
Wheat (Forage - Fodder)		0.02	1	8.00	A
Chemical Total		120.57	2,064		
EDTA, TETRASODIUM SALT					
Alfalfa		13.12	253	11,619.20	A
Almond		196.46	473	31,280.83	A
		< 0.01		117.00	
Total Pounds On This Commodity	196.46				
Animal Premise		0.62		34.00	U
Apple		0.14	15	100.00	A
Apricot		0.31	7	127.60	A
Arrugula		0.12	12	85.20	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Artichoke, Globe		0.83	21	199.40	A
Asparagus		3.93	17	1,360.10	A
Avocado		1.76	138	538.00	A
		0.13	3	480,000.00	U
Total Pounds On This Commodity	1.89				
Bean, Dried		1.45	63	1,789.80	A
Bean, Succulent		0.14	4	101.50	A
Beet		0.01	2	7.00	A
Blackberry		0.16	15	86.37	A
Blueberry		0.30	7	137.50	A
Bok Choy		0.13	44	67.70	A
Broccoli		13.61	498	6,841.45	A
Brussels Sprout		0.44	12	221.00	A
Cabbage		0.44	26	163.00	A
Cantaloupe		0.26	9	276.00	A
Carrot		0.35	10	177.26	A
Cauliflower		4.29	213	2,270.29	A
Celery		3.74	287	2,068.31	A
Cherry		7.39	35	1,221.60	A
Chicory		0.44	7	107.90	A
Chinese Cabbage (Nappa)		0.43	40	209.20	A
Cilantro		0.13	15	72.70	A
Citrus		0.15	4	70.00	A
Corn (Forage - Fodder)		6.02	157	5,466.74	A
Corn, Human Consumption		2.01	91	2,853.56	A
Cotton		13.73	331	10,761.52	A
Endive (Escarole)		0.34	23	139.10	A
Fennel		0.74	91	471.90	A
Forage Hay/Silage		0.38	19	699.80	A
Grape		89.53	1,073	44,303.76	A
Grape, Wine		55.96	631	26,168.65	A
Grapefruit		0.07	7	60.00	A
Kale		0.04	7	30.10	A
Kiwi		< 0.01	1	0.66	A
Landscape Maintenance		11.70			
		0.09	5	248.00	A
Total Pounds On This Commodity	11.79				
Leek		< 0.01	13	3.25	A
Lemon		0.10	5	42.00	A
Lettuce, Head		50.30	1,936	24,821.12	A
Lettuce, Leaf		32.48	1,440	13,300.54	A
Melon		0.31	8	278.90	A
Mint		0.07	5	153.00	A
Mustard		0.07	22	21.26	A
N-Grnhs Flower		5.74	323	1,327.29	A
		1.42	85	2,845,400.00	S
Total Pounds On This Commodity	7.17				
N-Grnhs Plants In Containers		4.01	565	1,266.11	A
		0.61	155	5,428,028.00	S
Total Pounds On This Commodity	4.62				
N-Grnhs Transplants		0.04	3	2.50	A
N-Outdr Flower		2.50	353	2,264.46	A
		0.21	8	259,500.00	S
Total Pounds On This Commodity	2.70				
N-Outdr Plants In Containers		6.49	1,149	2,310.92	A
		0.09	40	829,600.00	S
Total Pounds On This Commodity	6.58				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Transplants		1.25	89	292.83	A
		0.52	123	11,589,600.00	S
		0.03	1	75,000.00	U
Total Pounds On This Commodity	1.81				
Nectarine		7.40	254	4,061.52	A
Oat		0.05	2	37.00	A
Oat (Forage - Fodder)		0.44	8	334.00	A
Olive		0.04	2	29.00	A
Onion, Dry		0.25	9	203.60	A
Orange		9.73	202	4,177.20	A
Parsley		0.04	3	28.50	A
Pastureland		0.07	1	160.00	A
Peach		20.65	257	5,332.35	A
Pear		0.05	11	17.50	A
Peas		0.38	26	266.40	A
Pepper, Fruiting		0.30	6	202.00	A
Pepper, Spice		0.05	1	56.70	A
Persimmon		0.11	2	32.00	A
Pistachio		46.54	94	9,037.94	A
Plum		3.22	141	1,978.24	A
Pomegranate		1.18	26	341.00	A
Potato		0.15	4	290.00	A
Poultry		0.03		14.00	U
Prune		0.67	4	235.00	A
Pumpkin		0.01	2	8.00	A
Quince		0.09	2	25.00	A
Radish		0.03	14	9.35	A
Rangeland		0.03	1	15.00	A
Rappini		0.10	3	46.30	A
Raspberry		2.38	111	1,113.73	A
Research Commodity		0.02			
Rice, Wild		0.11	8	294.00	A
Rights Of Way		2.62			
		0.02	3	11.00	A
Total Pounds On This Commodity	2.64				
Soil Fumigation/Preplant		0.07	1	30.00	A
Sorghum/Milo		0.16	1	85.00	A
Spinach		0.11	21	35.90	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		28.75	486	10,105.10	A
Structural Pest Control		117.00			
Sudangrass		0.03	2	80.00	A
Sunflower		0.24	5	278.00	A
Tangelo		0.06	5	21.75	A
Tangerine		4.12	37	2,048.80	A
Timothy		0.99	36	1,328.80	A
Tomato		4.44	69	2,538.35	A
Tomato, Processing		6.33	64	4,967.42	A
Turnip		0.03	12	8.11	A
Uncultivated Ag		0.19	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	0.19				
Uncultivated Non-Ag		0.17	3	11.25	A
Unknown		0.03	4	2.00	A
Walnut		22.20	146	4,063.93	A
Watermelon		0.12	10	91.00	A
Wheat		0.33	9	388.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		< 0.01	4	16,012.00	S
Chemical Total		< 0.01	13,112		
(E,E)-9, 11-TETRADECADIEN-1-YL ACETATE					
N-Outdr Flower		10.56	1	3.00	A
Regulatory Pest Control		< 0.01			
Chemical Total		< 0.01	1		
EMAMECTIN BENZOATE					
Bok Choy		3.29	56	259.13	A
Broccoli		57.10	244	5,010.75	A
Brussels Sprout		11.69	65	1,095.20	A
Cabbage		55.94	523	4,840.69	A
Cauliflower		7.15	39	680.70	A
Celery		27.51	215	2,573.06	A
Chicory		0.22	1	15.80	A
Chinese Cabbage (Nappa)		1.80	76	137.45	A
Collard		7.76	160	626.28	A
Cotton		11.86	4	1,382.00	A
Dandelion Green		1.12	3	79.97	A
Eggplant		0.97	8	86.50	A
Endive (Escarole)		0.02	4	1.42	A
Gai Choy		0.03	4	4.00	A
Kale		2.15	80	179.40	A
Kohlrabi		0.24	18	17.60	A
Lettuce, Head		266.58	1,017	23,737.06	A
Lettuce, Leaf		52.58	262	4,346.40	A
Mustard		4.83	85	435.77	A
N-Grnhs Flower		0.24	6	16.00	A
		0.04	2	132,000.00	S
Total Pounds On This Commodity	0.29				
N-Outdr Flower		0.08	1	6.50	A
Parsley		0.03	1	1.00	A
Pear		1.58	1	105.00	A
Pepper, Fruiting		17.69	41	1,700.92	A
Radicchio		1.93	3	158.05	A
Rappini		0.09	1	11.90	A
Research Commodity		0.14	2	11.30	A
		0.02			
Total Pounds On This Commodity	0.16				
Spinach		0.13	7	8.81	A
Swiss Chard		10.94	149	796.50	A
Tomato		34.21	62	2,848.43	A
Tomato, Processing		433.40	499	39,337.77	A
Turnip		0.45	12	43.13	A
Unknown		< 0.01	2	2.00	A
Chemical Total		< 0.01	3,653		
EMULSIFIABLE METHYLATED VEGETABLE OIL					
Alfalfa		6,000.87	310	19,708.75	A
Almond		2,645.72	98	5,472.95	A
Apple		1.83	1	4.45	A
Arrugula		4.21	8	20.51	A
Artichoke, Globe		15.33	9	76.50	A

Department of Pesticide Regulation
2009 Annual Statewide Pesticide Use Report
Indexed by Chemical

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Asparagus	41.76	3	46.00	A
Barley	11.05	3	148.00	A
Bean, Dried	8.81	6	29.60	A
Bean, Succulent	2.29	1	13.00	A
Beet	16.16	44	61.96	A
Blueberry	73.69	13	227.00	A
Bok Choy	2.93	6	11.71	A
Broccoflower	1.80	1	5.20	A
Broccoli	2,882.40	690	9,754.95	A
Brussels Sprout	35.74	12	80.00	A
Cabbage	129.85	25	550.00	A
Cantaloupe	467.79	28	1,512.20	A
Carrot	144.85	19	861.40	A
Cauliflower	1,119.05	300	2,896.65	A
Celery	2,856.99	956	8,368.45	A
Cherry	114.74	16	241.69	A
Chinese Cabbage (Nappa)	1.77	2	6.72	A
Corn (Forage - Fodder)	116.69	9	653.50	A
Corn, Grain	39.28	3	173.00	A
Corn, Human Consumption	60.86	7	447.00	A
Cotton	165.84	17	1,448.40	A
Endive (Escarole)	69.06	71	260.87	A
Fennel	1.60	2	6.20	A
Garlic	150.82	27	326.30	A
Grape	2,506.00	56	2,347.68	A
Grape, Wine	8,346.97	280	10,498.33	A
Kale	38.67	11	56.29	A
Leek	6.42	4	24.50	A
Lettuce, Head	6,394.10	1,371	24,348.86	A
Lettuce, Leaf	3,643.97	1,222	13,325.72	A
Melon	13.61	4	86.00	A
Mizuna	5.98	6	23.95	A
Nectarine	354.84	194	2,189.48	A
Oat (Forage - Fodder)	0.61	2	7.00	A
Olive	24.21	2	37.00	A
Onion, Dry	3,572.59	146	10,567.67	A
Onion, Green	73.69	44	221.40	A
Orange	11.38	4	29.33	A
Pastureland	64.84	6	250.00	A
Peach	337.21	173	1,909.73	A
Pear	7.22	2	12.72	A
Peas	113.33	38	402.80	A
Pepper, Fruiting	91.66	11	454.10	A
Pepper, Spice	18.76	6	124.50	A
Pistachio	158.42	26	483.97	A
Plum	188.04	84	962.31	A
Prune	36.79	4	66.50	A
Radicchio	90.64	8	148.50	A
Radish	3.32	21	9.70	A
Rights Of Way	138.04			
Soil Fumigation/Preplant	133.17	4	346.00	A
Sorghum/Milo	15.55	2	221.60	A
Spinach	6.81	24	78.68	A
Squash, Summer	1.73	1	10.00	A
Strawberry	1.39	1	2.50	A
Sugarbeet	683.32	51	3,642.29	A
Swiss Chard	3.90	4	13.52	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine		3.03	1	10.00	A
Tomato		99.51	12	418.00	A
Tomato, Processing		1,382.76	75	4,505.79	A
Triticale		606.00	3	534.00	A
Turf/Sod		87.39	2	317.00	A
Uncultivated Ag		482.85	58	1,000.30	A
Uncultivated Non-Ag		55.70	4	104.10	A
Walnut		1,001.59	59	1,671.39	A
Watermelon		64.56	13	438.00	A
Wheat (Forage - Fodder)		20.82	7	335.00	A
Chemical Total		48,075.15	6,733		
EMULSIFIABLE POLYETHYLENE					
Almond		0.20	1	4.00	A
Grape		6.66	2	50.00	A
Strawberry		48.58	6	272.00	A
Tomato, Processing		5.62	1	75.00	A
Chemical Total		61.07	10		
ENCAPSULATED DELTA ENDOTOXIN OF BACILLUS THURINGIENSIS VAR. KURSTAKI IN KILLED PSEUDOMONAS FLUORESCENS					
Grape		17.69	2	35.00	A
Lemon		0.01	1	2.00	A
Chemical Total		17.71	3		
ENDOSULFAN					
Alfalfa		2,008.79	24	2,026.00	A
Almond			1	10.00	A
Broccoli		28.34	6	54.50	A
Cabbage		13.06	1	14.00	A
Cantaloupe		4,218.13	46	4,320.30	A
Celery		57.52	7	77.00	A
Cotton		7,114.18	36	9,409.70	A
Lettuce, Head		10,301.98	452	12,162.40	A
Lettuce, Leaf		3,284.17	153	4,099.89	A
Melon		1,569.61	29	1,754.70	A
N-Grnhs Plants In Containers		1.02	2	0.48	A
N-Outdr Flower		5.64	3	7.10	A
N-Outdr Plants In Containers		3.17	4	9.40	A
		0.08	1	2,700.00	U
Total Pounds On This Commodity	3.24				
Pepper, Fruiting		1,451.59	42	1,628.15	A
Plum		11.44	1	11.44	A
Potato		1,804.48	15	1,843.00	A
Research Commodity		2.14	2	11.60	A
		0.10			
Total Pounds On This Commodity	2.24				
Rights Of Way		6.65			
Soil Fumigation/Preplant		0.06	1	5.00	A
Strawberry		14.44	3	16.50	A
Structural Pest Control		0.36			
Tomato		151.26	5	161.32	A
Tomato, Processing		7,789.05	99	8,725.84	A
Watermelon		1,887.19	44	2,061.57	A
Chemical Total		41,724.44	977		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ENDOTHALL, DIPOTASSIUM SALT					
Landscape Maintenance		2,047.58			
Unknown		597.41		45.00	A
Water (Industrlial)		42.30		7.00	A
Water Area		740.33			
		570.58	1	143.50	A
		2.21		4,000.00	S
Total Pounds On This Commodity	1,313.12				
Chemical Total		4,000.42	1		
ENDOTHALL, DISODIUM SALT					
N-Outdr Flower		1.92	1	1.25	A
Chemical Total		1.92	1		
ENDOTHALL, MIXED MONO- AND DI- (N,N-DIMETHYLALKYLAMINE) SALTS					
Cotton		812.30	49	2,841.93	A
Chemical Total		812.30	49		
ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE] SALT					
Landscape Maintenance		474.45			
Structural Pest Control		102.18			
Water Area		103.21		8.91	A
Chemical Total		679.84			
EPOXIDIZED SOYBEAN OIL					
Lettuce, Leaf		0.24	1	3.50	A
Strawberry		77.96	7	198.60	A
Chemical Total		78.21	8		
EPTC					
Alfalfa		42,374.48	318	17,890.05	A
Almond		2,645.04	34	1,011.10	A
Bean, Dried		2,011.15	40	761.40	A
Bean, Succulent		2,390.90	49	898.05	A
Bean, Unspecified		1,549.67	37	547.65	A
Carrot		12,866.24	68	4,255.00	A
Corn (Forage - Fodder)		43.10	1	19.00	A
Potato		15,068.56	76	5,035.21	A
Research Commodity		69.70			
Rights Of Way		318.80			
Safflower		444.34	4	170.00	A
Soil Fumigation/Preplant		185.58	1	71.00	A
Sugarbeet		28,294.82	150	11,574.60	A
Sugarbeet (Forage - Fodder)		225.69	2	148.00	A
Tomato, Processing		1,051.49	13	344.79	A
Uncultivated Ag		5,869.57	39	1,915.16	A
Walnut		52.34	2	17.00	A
Wheat		569.30	2	217.80	A
Chemical Total		116,030.77	836		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ESFENVALERATE					
Alfalfa		8.00	3	219.00	A
Almond		13,778.81	3,038	184,720.55	A
Apple		117.00	120	1,862.82	A
		< 0.01	1	4.00	U
Total Pounds On This Commodity	117.01				
Apricot		237.46	242	5,044.77	A
Artichoke, Globe		1,963.68	1,096	41,495.04	A
Bean, Dried		38.04	25	927.80	A
Bean, Succulent		18.35	22	427.83	A
Bean, Unspecified		12.52	11	255.69	A
Bitter Melon		< 0.01	2	1.00	A
Bok Choy		17.01	14	474.00	A
Broccoli		632.62	950	13,563.89	A
Cabbage		75.40	220	1,797.91	A
Cantaloupe		75.76	20	1,657.62	A
Carrot		480.88	189	11,977.99	A
Cauliflower		122.43	228	3,103.45	A
Cherry		383.52	263	5,143.98	A
Chinese Cabbage (Nappa)		17.34	116	429.10	A
Christmas Tree		2.13	1	42.00	A
Collard		1.30	3	34.31	A
Commodity Fumigation		30.03			
Corn (Forage - Fodder)		85.53	49	2,175.27	A
Corn, Human Consumption		4,168.87	2,320	82,304.50	A
		0.43		322,000.00	C
Total Pounds On This Commodity	4,169.30				
Cotton		21.06	7	460.60	A
Cucumber		6.04	9	122.90	A
Eggplant		4.90	30	110.20	A
		< 0.01	1	1.00	U
Total Pounds On This Commodity	4.90				
Food Procressing Plant		1.50		1,641.06	K
Forest, Timberland		6.79	20	56.40	A
Fumigation, Other		5.90			
Gai Lon		2.95	1	40.00	A
Kiwi		0.37	1	8.00	A
Landscape Maintenance		20.35			
		0.05	1	10.00	A
Total Pounds On This Commodity	20.40				
Lettuce, Head		844.30	1,184	17,813.39	A
Lettuce, Leaf		2.32	3	28.80	A
Melon		10.20	27	348.99	A
Mustard		0.05	1	2.30	A
N-Grnhs Plants In Containers		0.12	4	1.90	A
N-Grnhs Transplants		1.30	33	36.36	A
N-Outdr Plants In Containers		41.34	83	705.48	A
N-Outdr Transplants		48.80	60	621.14	A
Nectarine		1,109.76	1,651	22,711.54	A
Peach		3,873.00	3,357	60,920.81	A
Pear		458.10	224	8,020.25	A
		< 0.01	2	20.00	U
Total Pounds On This Commodity	458.10				
Peas		18.97	44	457.30	A
Pecan		1.10	3	108.00	A
Pepper, Fruiting		46.30	55	1,106.00	A
Pepper, Spice		6.21	6	143.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pimento		1.72	2	42.20	A
Pistachio		0.89	1	22.00	A
Plum		944.12	1,202	18,463.71	A
		< 0.01	2	20.00	U
Total Pounds On This Commodity	944.13				
Pluot		7.98	9	205.77	A
Potato		970.56	264	19,652.33	A
Prune		2,063.20	790	34,936.56	A
Pumpkin		10.16	20	210.60	A
Radish		16.27	83	439.68	A
Regulatory Pest Control		0.21		12.50	P
		0.21		99,999.00	C
		0.01			
Total Pounds On This Commodity	0.42				
Research Commodity		3.04	13	81.12	A
		1.70			
Total Pounds On This Commodity	4.73				
Rights Of Way		4.18			
Soil Fumigation/Preplant		5.32	2	144.80	A
Squash		15.16	41	328.38	A
Squash, Summer		1.54	5	38.00	A
Squash, Winter		2.40	2	60.00	A
Stone Fruit		0.29	2	4.10	A
Structural Pest Control		402.50			
		15.14	5	209.50	A
Total Pounds On This Commodity	417.63				
Sugarbeet		726.50	333	24,533.07	A
Sunflower		655.33	259	14,067.75	A
Tomato		826.80	421	16,465.29	A
		0.03	1	600.00	U
Total Pounds On This Commodity	826.83				
Tomato, Processing		2,427.87	641	43,234.04	A
Uncultivated Ag		32.87	16	655.00	A
Uncultivated Non-Ag		0.43	1	2.00	A
Unknown		0.02	6	1.20	A
Vertebrate Control		< 0.01			
Walnut		2,085.21	774	25,412.66	A
Watermelon		20.81	20	523.86	A
Wheat		2.39	1	49.00	A
Chemical Total		40,043.77	20,656		
ESSENTIAL OILS					
Landscape Maintenance		0.41			
Chemical Total		0.41			
ETHALFLURALIN					
Almond		12.72	1	10.00	A
Bean, Dried		11,657.21	182	9,836.90	A
Bean, Succulent		1,052.93	20	714.19	A
Bean, Unspecified		2,063.76	40	1,447.99	A
Cantaloupe		186.34	17	679.63	A
Corn (Forage - Fodder)		183.12	3	144.00	A
Cucumber		813.02	10	494.20	A
Garbanzo Bean		50.87	2	150.00	A
Landscape Maintenance		38.15			
Melon		97.09	18	468.47	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pumpkin		288.37	10	385.00	A
Research Commodity		26.71			
Safflower		1,150.56	20	1,127.60	A
Soil Fumigation/Preplant		303.30	2	159.00	A
Squash		61.17	4	37.60	A
Squash, Winter		24.28	1	33.00	A
Sunflower		24,514.49	292	16,741.01	A
Uncultivated Ag		284.18	3	167.59	A
Watermelon		322.68	6	337.50	A
Chemical Total		43,130.95	631		
ETHEPHON					
Apple		101.65	17	302.55	A
Cotton		135,644.51	1,758	146,421.95	A
Cucumber		221.45	51	1,274.75	A
Grape		15,434.99	1,352	56,052.50	A
Grape, Wine		63.12	9	279.00	A
Landscape Maintenance		13,250.86			
		497.08	43	815.10	A
Total Pounds On This Commodity	13,747.95				
N-Grnhs Flower		13.50	77	1,516,045.00	S
		1.99	25	3.23	A
Total Pounds On This Commodity	15.49				
N-Grnhs Plants In Containers		46.27	211	140.35	A
		10.77	213	792,674.00	S
Total Pounds On This Commodity	57.03				
N-Grnhs Transplants		1.57	5	2.52	A
		0.14	9	34,500.00	S
Total Pounds On This Commodity	1.71				
N-Outdr Flower		13.18	43	36.00	A
		3.72	34	180,750.00	S
Total Pounds On This Commodity	16.90				
N-Outdr Plants In Containers		49.45	137	73.90	A
		8.88	116	527,417.00	S
Total Pounds On This Commodity	58.33				
N-Outdr Transplants		1.47	12	5.03	A
		0.01	1	1,000.00	S
Total Pounds On This Commodity	1.48				
Pepper, Fruiting		268.31	20	412.10	A
Pepper, Spice		242.84	18	495.36	A
Pumpkin		44.77	37	226.88	A
Research Commodity		1.45	2	0.90	A
Rights Of Way		5.10			
Squash		518.28	195	2,964.62	A
Squash, Summer		17.61	16	99.92	A
Structural Pest Control		484.55			
Tomato		1,185.60	62	1,840.72	A
Tomato, Processing		9,114.49	314	18,148.23	A
Turf/Sod		200.28	10	422.01	A
		121.85	12	1,680,000.00	S
Total Pounds On This Commodity	322.13				
Uncultivated Ag		66.24	1	44.20	A
Uncultivated Non-Ag		23.76		4.00	A
Unknown		29.94		9.00	A
Vertebrate Control		4.99	1	2.00	A
		2.68			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	7.67				
Walnut		24,391.78	594	26,229.87	A
Wheat		33.70	1	27.00	A
Chemical Total		202,122.85	5,396		
ETHION					
Cucumber		0.94	2	15.00	A
Rights Of Way		26.93			
Chemical Total		27.87	2		
ETOFENPROX					
Public Health		0.11			
Chemical Total		0.11			
ETHOFUMESATE					
Landscape Maintenance		4,563.80			
		616.35	13	128.60	A
Total Pounds On This Commodity	< 0.01				
N-Outdr Flower		148.84	16	177.85	A
N-Outdr Plants In Containers		7.41	1	5.00	A
Onion, Dry		2,304.14	71	3,604.00	A
Onion, Green		9.61	4	19.50	A
Research Commodity		4.20			
Rights Of Way		0.19			
Structural Pest Control		490.09			
Sugarbeet		356.51	82	5,584.60	A
Turf/Sod		755.66	29	576.02	A
Chemical Total		9,256.80	216		
ETHOPROP					
Bean, Dried		2,560.82	16	846.00	A
Bean, Succulent		105.94	2	30.00	A
Bean, Unspecified		1,585.28	10	249.00	A
Cabbage		834.84	45	458.50	A
Mint		2,197.50	14	728.50	A
N-Outdr Transplants		181.40	16	43.30	A
Potato		2,879.25	2	237.80	A
Sweet Potato		9,390.00	45	1,434.00	A
Chemical Total		19,735.04	150		
ETHYL ACRYLATE AND METHYL METHACRYLATE COPOLYMER					
Alfalfa		42.42	12	536.00	A
Chemical Total		42.42	12		
ETHYL ALCOHOL					
Animal Premise		10.13		13.00	U
Banana		2,071.87		23,151.00	T
Celery		174.06	3	45.65	A
Chicory		0.66	1	28.00	A
Industrial Site		0.55		10.00	A
		0.48		1.00	U
Total Pounds On This Commodity	1.04				
Landscape Maintenance		26.35			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		1.29	2	9.00	A
Total Pounds On This Commodity	27.65				
N-Grnhs Plants In Containers		3.18	1	2.00	A
Rights Of Way		2.21			
Structural Pest Control		7.74			
Vertebrate Control		6.08			
Chemical Total		2,304.61	7		
ETHYLAN					
Landscape Maintenance		0.28			
Chemical Total		0.28			
ETHYLENE DIBROMIDE					
N-Grnhs Flower		< 0.01	1	0.25	A
Chemical Total		< 0.01	1		
ETHYLENE GLYCOL					
Alfalfa		4,049.87	286	19,914.02	A
Almond		2,851.59	190	11,517.00	A
Apple		5.90	3	29.00	A
Apricot		1,503.86	17	609.78	A
Asparagus		56.36	5	466.20	A
Bean, Dried		159.07	19	1,058.00	A
Bean, Succulent		253.00	60	1,117.50	A
Bermudagrass		125.79	9	880.00	A
Blueberry		34.50	8	126.00	A
Bok Choy		4.81	10	15.69	A
Broccoli		1,420.73	17	743.47	A
Cantaloupe		97.25	21	949.00	A
Cauliflower		14.27	4	48.00	A
Celery		2.42	2	16.00	A
Cherry		181.10	37	930.00	A
Chinese Cabbage (Nappa)		4.42	8	14.39	A
Cilantro		8.32	2	27.50	A
Citrus		13.91	13	89.00	A
Corn (Forage - Fodder)		902.18	68	3,533.07	A
Corn, Human Consumption		10.12	6	58.00	A
Cotton		2,462.83	137	6,483.72	A
Endive (Escarole)		13.61	15	43.41	A
Forage Hay/Silage		3.63	1	30.00	A
Gai Lon		36.66	40	242.66	A
Garbanzo Bean		5.42	2	45.00	A
Garlic		9.68	1	80.00	A
Grape		348.10	42	1,359.16	A
Grape, Wine		2,709.49	231	8,892.64	A
Grapefruit		4.32	3	27.00	A
Landscape Maintenance		28.12			
Lemon		8.45	4	45.20	A
Lettuce, Head		130.50	15	157.22	A
Lettuce, Leaf		134.83	53	445.21	A
Melon		2.47	1	40.40	A
Mustard		3.59	5	11.00	A
N-Outdr Plants In Containers		288.02	48	311.25	A
Nectarine		4,375.64	14	204.57	A
Oat		3.02	3	50.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat (Forage - Fodder)	21.11	3	56.00	A
Onion, Dry	433.16	22	2,599.00	A
Orange	946.83	131	2,041.53	A
Pastureland	2.41		3.00	A
Peach	334.70	29	1,468.55	A
Pear	0.23	1	1.50	A
Pecan	8.47	1	10.00	A
Persimmon	2.42	1	4.00	A
Pistachio	3,364.10	131	9,518.74	A
Plum	23.46	2	48.50	A
Pomelo	6.11	8	39.70	A
Rights Of Way	3,934.34			
Soil Fumigation/Preplant	56.85	2	57.00	A
Sorghum/Milo	32.91	3	82.97	A
Strawberry	157.42	35	1,016.50	A
Structural Pest Control	541.86			
Sugarbeet	391.88	45	4,360.00	A
Tangelo	2.72	1	9.30	A
Tangerine	94.12	8	305.42	A
Tomato	7.73	10	43.00	A
Tomato, Processing	1,580.39	129	8,603.71	A
Uncultivated Ag	270.42	26	1,743.50	A
Walnut	2,173.95	158	5,584.77	A
Wheat	124.70	21	1,056.60	A
Wheat (Forage - Fodder)	572.90	96	5,310.76	A
Chemical Total	37,353.04	2,263		
ETHYLENE GLYCOL MONOMETHYL ETHER				
Almond	0.68	2	32.00	A
Bean, Dried	4.54	2	106.00	A
Cabbage	1.19	3	35.00	A
Cherry	0.96	2	30.00	A
Chinese Cabbage (Nappa)	0.19	3	4.50	A
Citrus	0.86	1	2.50	A
Collard	1.53	2	36.00	A
Endive (Escarole)	1.47	24	34.50	A
Garbanzo Bean	3.65	4	215.00	A
Grape, Wine	37.18	33	724.55	A
Grapefruit	39.08	16	244.60	A
Kale	0.34	7	8.00	A
Lemon	112.74	13	204.00	A
Lettuce, Head	0.09	2	2.00	A
Lettuce, Leaf	2.27	43	53.00	A
N-Grnhs Plants In Containers	0.13	1	30,000.00	S
Olive	50.89	9	256.00	A
Onion, Dry	3.64	7	94.00	A
Orange	1,700.41	526	11,501.37	A
Parsley	0.04	1	1.00	A
Pistachio	20.33	4	306.00	A
Pomelo	9.06	6	67.00	A
Tangelo	19.37	6	92.54	A
Tangerine	33.56	20	315.81	A
Walnut	213.14	13	207.00	A
Chemical Total	2,257.35	750		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ETHYLENE OXIDE					
N-Outdr Plants In Containers		6.79	2	60.00	A
Chemical Total		6.79	2		
2-ETHYLHEXYL SULFATE, SODIUM SALT					
Structural Pest Control		14.00			
Chemical Total		14.00			
ETOXAZOLE					
Almond		10,609.29	993	81,361.00	A
Apple		32.51	9	239.80	A
Cherry		527.23	147	4,049.90	A
Cotton		406.49	160	10,080.00	A
Grape		2,192.95	408	19,699.82	A
Grape, Wine		4,684.14	530	36,218.70	A
Landscape Maintenance		4.02			
N-Grnhs Flower		13.26	170	203.31	A
		1.91	30	675,219.00	S
Total Pounds On This Commodity	15.17				
N-Grnhs Plants In Containers		24.93	212	345.12	A
		3.56	77	1,831,764.00	S
		0.31	5	180,000.00	U
Total Pounds On This Commodity	28.80				
N-Grnhs Transplants		0.18	3	2.50	A
		0.08	3	57,000.00	S
Total Pounds On This Commodity	0.25				
N-Outdr Flower		3.66	36	43.07	A
N-Outdr Plants In Containers		45.91	160	798.87	A
		0.90	16	467,800.00	S
		0.05	1	55,000.00	U
Total Pounds On This Commodity	46.85				
N-Outdr Transplants		2.72	7	28.00	A
Nectarine		0.14	1	1.00	A
Peach		5.67	2	82.00	A
Pear		23.67	4	132.00	A
Plum		0.14	1	1.00	A
Regulatory Pest Control		0.01			
		< 0.01		1,200.00	U
Total Pounds On This Commodity	0.01				
Research Commodity		0.69	4	11.67	A
		0.12			
Total Pounds On This Commodity	0.81				
Rights Of Way		0.32			
Strawberry		1,009.42	256	6,884.36	A
Structural Pest Control		< 0.01			
Tangerine		61.21	8	727.39	A
Walnut		941.27	214	6,358.34	A
Chemical Total		20,596.72	3,457		
FAMOXADONE					
Lettuce, Head		410.32	241	3,245.60	A
Lettuce, Leaf		114.32	16	867.60	A
N-Grnhs Transplants		16.20	25	142.24	A
N-Outdr Transplants		0.29	2	2.33	A
Pepper, Fruiting		17.08	5	121.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		591.66	86	5,540.88	A
Spinach		20.00	7	147.00	A
Squash		1.25	1	10.00	A
Tomato		933.40	206	7,846.33	A
Tomato, Processing		981.44	94	7,198.57	A
Uncultivated Ag			2	111.50	A
Chemical Total		< 0.01	685		
FARNESOL					
Grape		1.61	6	232.50	A
Grape, Wine		0.54	12	95.04	A
N-Grnhs Flower		< 0.01	1	0.13	A
N-Grnhs Plants In Containers		0.11	49	29.70	A
		< 0.01	5	25,500.00	S
Total Pounds On This Commodity	0.11				
N-Grnhs Transplants		0.01	1	18,000.00	S
N-Outdr Plants In Containers		0.45	34	123.91	A
Walnut		0.02	1	21.00	A
Chemical Total		2.74	109		
FATTY ACID AND PHOSPHATIC					
Walnut		0.22	1	3.00	A
Chemical Total		0.22	1		
FATTY ACIDS, METHYL ESTERS					
Alfalfa		1,181.27	42	2,422.60	A
Almond		2,694.85	39	5,159.50	A
Apricot		1.54	1	11.60	A
Broccoli		432.23	35	2,381.49	A
Carrot		74.43	4	158.00	A
Cherry		867.39	17	887.50	A
Corn (Forage - Fodder)		50.96	4	284.80	A
Cotton		551.92	16	802.00	A
Forest, Timberland		22,936.06	200	6,728.50	A
Grape		272.21	21	1,604.30	A
Landscape Maintenance		3.47			
Lettuce, Head		19.32	3	144.00	A
Lettuce, Leaf		35.58	11	205.20	A
N-Outdr Plants In Containers		480.15	10	489.50	A
Onion, Dry		55.83	15	263.48	A
Pepper, Fruiting		159.55	31	1,100.20	A
Raspberry		0.69	1	6.80	A
Rights Of Way		616.53			
Squash, Summer		0.94	1	7.00	A
Strawberry		11.26	3	106.80	A
Structural Pest Control		0.52			
Tomato, Processing		92.01	8	403.00	A
Turf/Sod		19.54	6	73.00	A
Uncultivated Ag		3.00	1	30.00	A
Walnut		1,207.20	29	1,152.00	A
Watermelon		95.08	12	646.20	A
Wheat		18.95	2	177.00	A
Wheat (Forage - Fodder)		7.01	2	66.00	A
Chemical Total		31,889.47	514		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FATTY ACIDS (C12-C18), METHYL ESTERS					
Landscape Maintenance		0.16	2	50.00	A
Lettuce, Leaf		7.33	1	19.60	A
Chemical Total		7.49	3		
FATTY ACIDS, MIXED					
Airport		0.89	1	55.00	A
Alfalfa		2,901.12	1,243	77,067.81	A
Almond		24,164.67	2,765	215,976.04	A
Apple		258.39	24	952.20	A
Apricot		64.61	31	974.88	A
Artichoke, Globe		36.12	207	3,657.72	A
Asparagus		174.43	53	3,267.10	A
Avocado		23.28	54	636.50	A
Barley		56.81	21	1,813.10	A
Bean, Dried		53.90	20	1,575.00	A
Bean, Succulent		27.37	30	452.30	A
Bean, Unspecified		5.75	3	216.00	A
Beet		0.01	1	3.50	A
Blackberry		0.52	1	5.00	A
Blueberry		38.69	7	248.00	A
Bok Choy		0.02	5	6.70	A
Broccoli		421.87	1,410	20,278.97	A
Brussels Sprout		4.44	31	571.00	A
Cabbage		26.45	234	1,833.30	A
Cantaloupe		184.72	61	5,206.53	A
Carrot		13.73	16	591.89	A
Cauliflower		54.73	236	2,916.25	A
Celery		67.26	565	6,734.89	A
Cherry		632.46	197	4,597.25	A
Chicory		0.46	3	28.20	A
Chinese Cabbage (Nappa)		0.27	15	89.20	A
Christmas Tree		0.05	1	1.00	A
Cilantro		0.04	1	20.00	A
Citrus		4.12	9	113.70	A
Collard		0.16	1	9.08	A
Corn (Forage - Fodder)		1,088.35	532	25,042.86	A
Corn, Grain		77.70	44	1,470.15	A
Corn, Human Consumption		909.85	493	22,538.17	A
Cotton		3,259.83	1,490	196,411.29	A
Cucumber		0.10	7	26.20	A
Ditch Bank		0.36	9	13.50	A
Eggplant		2.25	6	88.00	A
Endive (Escarole)		0.10	1	6.00	A
Fennel		0.06	2	27.80	A
Fig		3.90	1	15.00	A
Forage Hay/Silage		10.79	13	507.55	A
Forest, Timberland		95.78	54	1,635.70	A
Garlic		62.91	26	1,395.00	A
Grain		3.34	2	75.00	A
Grape		1,488.44	1,505	57,794.11	A
Grape, Wine		2,316.40	2,052	72,051.65	A
		0.08	1	40.00	U
Total Pounds On This Commodity	2,316.49				
Grapefruit		12.25	18	169.20	A
Industrial Site		3.90		7.25	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Kale		0.14	5	11.00	A
Kiwi		23.81	8	134.00	A
Landscape Maintenance		447.99			
Leek		8.89	17	62.00	A
Lemon		465.34	153	5,295.31	A
Lettuce, Head		234.30	2,147	23,732.33	A
Lettuce, Leaf		212.24	2,242	19,765.00	A
Melon		231.84	50	2,831.68	A
Mint		0.23	1	70.00	A
N-Grnhs Flower		28.99	951	1,388.02	A
N-Grnhs Plants In Containers		24.56	370	1,067.16	A
		1.66	89	1,983,547.00	S
Total Pounds On This Commodity	26.23				
N-Grnhs Transplants		0.07	5	1.54	A
N-Outdr Flower		79.70	619	2,134.87	A
N-Outdr Plants In Containers		133.99	573	1,227.94	A
		3.57	68	1,001,498.00	S
		0.28	4	6,002.00	U
Total Pounds On This Commodity	137.83				
N-Outdr Transplants		173.88	159	1,886.25	A
Nectarine		13.89	295	1,932.17	A
Oat		94.24	35	1,892.00	A
Oat (Forage - Fodder)		90.07	106	4,188.21	A
Olive		50.32	44	748.00	A
Onion, Dry		196.84	139	8,129.89	A
Onion, Green		25.02	51	658.40	A
Orange		2,641.35	547	16,634.06	A
Parsley		0.03	1	7.50	A
Pastureland		11.29	16	1,677.85	A
Peach		35.88	418	3,464.85	A
Pear		74.98	78	2,475.66	A
Peas		7.37	43	474.94	A
Pecan		0.92	4	113.00	A
Pepper, Fruiting		82.37	100	3,468.75	A
Persimmon		0.07	3	24.00	A
Pistachio		24,601.96	838	111,316.97	A
Plum		98.04	185	2,743.03	A
Pluot		0.33	2	42.91	A
Pomegranate		4,841.50	270	38,865.69	A
Pomelo		2.12	2	10.00	A
Potato		23.76	30	3,945.26	A
Prune		12.30	29	461.95	A
Pumpkin		18.58	19	502.50	A
Radicchio		0.48	4	170.00	A
Rangeland		61.99	31	1,932.00	A
Rappini		0.13	4	41.50	A
Raspberry		0.42	9	69.42	A
Research Commodity		1.18			
Rice		44.81	4	381.70	A
Rights Of Way		5,676.68			
		14.23	11	382.00	A
Total Pounds On This Commodity	5,690.91				
Rye		1.30	1	52.00	A
Ryegrass		4.86	5	63.00	A
Safflower		168.66	178	59,600.00	A
Soil Fumigation/Preplant		209.51	167	7,003.99	A
Sorghum (Forage - Fodder)		12.86	10	679.63	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sorghum/Milo		0.34	2	95.00	A
Soybean		39.36	10	139.00	A
Spinach		0.35	21	51.53	A
Squash		15.73	17	287.20	A
Squash, Summer		0.01	1	8.60	A
Squash, Winter		1.06	2	28.00	A
Strawberry		376.46	617	23,367.88	A
Structural Pest Control		9.26	8	178.30	A
		2.22			
Total Pounds On This Commodity	11.48				
Sudangrass		8.46	5	176.00	A
Sugarbeet (Forage - Fodder)		0.37	2	148.00	A
Sunflower		13.73	3	285.40	A
Tangelo		35.99	19	238.00	A
Tangerine		78.65	115	2,176.40	A
Tomato		944.20	282	13,562.07	A
Tomato, Processing		3,820.78	1,109	101,033.75	A
Triticale		8.18	22	2,311.36	A
Turf/Sod		32.92	18	260.56	A
Uncultivated Ag		582.96	270	38,566.55	A
Uncultivated Non-Ag		372.90	35	2,312.50	A
Unknown		0.67	4	165.50	A
Walnut		720.92	397	11,380.86	A
Water Area		0.16		0.60	A
Watermelon		130.14	37	2,759.00	A
Wheat		274.29	279	28,217.36	A
Wheat (Forage - Fodder)		174.44	468	22,394.55	A
Chemical Total		87,390.13	28,385		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS					
Alfalfa		5,269.89	373	24,266.04	A
Almond		13,961.39	847	42,793.17	A
Apple		1,591.26	108	3,891.48	A
Apricot		2,222.46	83	4,601.00	A
Arrugula		15.41	3	63.00	A
Artichoke, Globe		10,369.68	1,088	47,634.97	A
Asparagus		9.96	8	464.00	A
Avocado		7.87	3	37.00	A
Bean, Dried		1,271.33	157	9,078.18	A
Bean, Succulent		240.10	26	1,214.00	A
Blueberry		131.18	5	276.00	A
Bok Choy		9.58	10	38.63	A
Broccoli		503.95	110	1,955.80	A
Cabbage		98.31	21	347.30	A
Cantaloupe		523.46	40	2,657.62	A
Cardoon		7.53	16	27.20	A
Carrot		9,020.61	252	16,947.54	A
Cauliflower		583.40	73	1,630.25	A
Celery		184.97	80	911.10	A
Cherry		4,245.44	796	17,333.48	A
Chinese Cabbage (Nappa)		7.20	8	48.93	A
Cilantro		13.19	7	57.58	A
Citrus		13.30	3	24.00	A
Corn (Forage - Fodder)		1,310.05	110	6,551.10	A
Corn, Grain		38.29	1	144.00	A
Corn, Human Consumption		5,780.03	362	37,808.15	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton	3,740.66	300	17,287.80	A
Cucumber	0.04	1	1.00	A
Eggplant	9.71	7	38.50	A
Endive (Escarole)	5.03	9	27.42	A
Forage Hay/Silage	102.35	10	364.60	A
Garlic	237.37	8	482.50	A
Grape	1,018.20	86	2,693.34	A
Grape, Wine	3,961.71	415	19,344.07	A
Grapefruit	184.25	44	481.50	A
Kale	3.49	1	20.96	A
Landscape Maintenance	72.06			
Lemon	265.35	17	296.16	A
Lettuce, Head	4,096.35	1,005	21,977.89	A
Lettuce, Leaf	969.90	377	5,170.45	A
Melon	186.38	13	1,002.00	A
Mint	2.13	1	7.80	A
Mustard	6.70	6	13.00	A
N-Outdr Plants In Containers	0.51	2	4.00	A
N-Outdr Transplants	5.45	6	26.75	A
Nectarine	5.68	10	23.00	A
Oat	15.53	1	58.40	A
Oat (Forage - Fodder)	9.49	5	80.00	A
Okra	0.94	1	7.00	A
Olive	5.68	1	57.00	A
Onion, Dry	548.95	28	3,193.00	A
Orange	12,810.08	636	11,868.24	A
Parsnip	5.53	1	13.00	A
Pastureland	12.39	2	31.50	A
Peach	2,953.99	178	6,653.94	A
Pear	225.16	23	1,252.00	A
Pecan	2.31	1	13.00	A
Pepper, Fruiting	282.74	41	1,728.90	A
Persimmon	14.64	3	20.75	A
Pistachio	5,825.12	119	13,722.24	A
Plum	94.82	20	252.00	A
Pluot	0.26	1	2.00	A
Pomegranate	44.59	2	335.30	A
Pomelo	0.43	1	2.00	A
Potato	250.10	18	1,017.90	A
Prune	296.06	36	1,030.00	A
Pumpkin	5.66	4	40.00	A
Rice	29.27	2	55.00	A
Rights Of Way	180.63			
Soil Fumigation/Preplant	10.38	2	47.00	A
Sorghum/Milo	15.32	3	77.00	A
Spinach	14.98	15	113.70	A
Squash	4.90	6	58.00	A
Strawberry	0.80	1	3.00	A
Sugarbeet	199.97	26	1,526.00	A
Sunflower	8.98	3	45.00	A
Tangelo	85.85	15	172.80	A
Tangerine	577.21	33	2,015.70	A
Tomato	97.47	22	773.50	A
Tomato, Processing	2,135.44	141	13,485.51	A
Uncultivated Ag	720.35	107	2,173.20	A
Uncultivated Non-Ag	0.13	1	1.00	A
Vertebrate Control	0.53	1	155.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		2,334.44	181	5,974.00	A
Water Area		66.18	1	11.00	A
		0.40		43,560.00	C
Total Pounds On This Commodity	66.58				
Watermelon		552.18	51	2,782.80	A
Wheat		1,061.80	70	3,988.82	A
Wheat (Forage - Fodder)		114.16	11	622.30	A
Chemical Total		103,918.99	8,722		
FATTY ACIDS DERIVED FROM TALLOW					
Alfalfa		899.63	568	33,670.40	A
Almond		2,435.71	1,174	59,989.76	A
		0.43	5	153.44	U
Total Pounds On This Commodity	2,436.15				
Apple		1.81	1	23.50	A
Artichoke, Globe		48.22	46	638.00	A
Avocado		0.38	1	10.00	A
Barley		124.10	60	3,800.93	A
Bean, Dried		59.62	31	1,825.20	A
Bean, Succulent		1.23	1	51.00	A
Bean, Unspecified		53.64	18	617.30	A
Beet		3.14	13	23.81	A
Bermudagrass		18.50	6	391.00	A
Blackberry		18.61	41	182.94	A
Bok Choy		0.75	5	5.55	A
Broccoli		37.16	33	950.07	A
Cabbage		175.83	149	1,881.32	A
Cantaloupe		18.60	14	626.40	A
Carrot		6.91	5	180.00	A
Cauliflower		0.19	16	2.60	A
Celery		518.99	236	4,607.13	A
Cherry		595.12	87	3,834.75	A
Chinese Cabbage (Nappa)		0.75	5	5.55	A
Collard		123.60	111	929.50	A
Corn (Forage - Fodder)		318.75	203	9,350.80	A
Corn, Grain		37.65	19	762.00	A
Corn, Human Consumption		53.81	76	1,969.50	A
Cotton		683.70	301	19,264.89	A
Cotton (Forage - Fodder)		3.66	4	221.40	A
Cucumber		13.99	18	120.00	A
Ditch Bank		0.46	3	3.00	A
Eggplant		1.85	2	12.50	A
Endive (Escarole)		8.28	65	68.00	A
Fig		889.98	102	8,388.50	A
Forage Hay/Silage		25.33	18	889.00	A
Garlic		3.94	3	66.00	A
Grape		716.66	274	11,500.45	A
Grape, Wine		343.18	79	2,945.44	A
Herb, Spice		1.31	6	4.25	U
		1.23	5	4.00	A
Total Pounds On This Commodity	2.54				
Kale		24.72	51	154.74	A
Kiwi		0.92	1	6.00	A
Landscape Maintenance		40.57			
		0.15	2	10.00	A
Total Pounds On This Commodity	40.72				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lemon		0.37	2	17.20	A
Lettuce, Head		109.11	134	2,041.60	A
Lettuce, Leaf		36.99	94	504.40	A
Melon		0.97	3	46.50	A
Mint		36.85	22	1,334.00	A
Mustard		94.36	112	755.23	A
N-Outdr Flower		30.01	61	518.50	A
N-Outdr Transplants		74.66	72	371.62	A
Oat		82.36	21	1,276.71	A
Oat (Forage - Fodder)		190.10	101	5,184.92	A
Olive		4.43	10	126.12	A
Onion, Dry		152.55	83	4,313.50	A
Orange		44.77	27	736.50	A
Pastureland		1.94	2	104.00	A
Peach		12.35	9	165.29	A
Pepper, Fruiting		45.71	15	490.50	A
Pepper, Spice		7.65	3	86.00	A
Persimmon		1.79	3	9.50	A
Pistachio		3,698.78	1,314	80,581.85	A
Plum		22.96	12	110.00	A
Pomegranate		41.01	26	1,041.66	A
Potato		37.05	24	1,337.00	A
Prune		122.50	99	2,657.69	A
Raspberry		164.79	135	1,301.26	A
Research Commodity		0.62			
Rice		34.48	18	1,140.10	A
Rights Of Way		197.85			
		7.62	4	126.00	A
Total Pounds On This Commodity	205.47				
Ryegrass		5.39	1	40.00	A
Soil Fumigation/Preplant		1.10	2	4.56	A
Sorghum (Forage - Fodder)		0.80	1	52.00	A
Sorghum/Milo		27.04	2	230.00	A
Spinach		10.02	41	73.13	A
Squash		15.74	8	104.00	A
Strawberry		1,043.73	331	8,747.42	A
Structural Pest Control		2.01			
Sudangrass		0.74	1	15.00	A
Sugarbeet		22.45	16	839.96	A
Sunflower		1.86	3	107.00	A
Swiss Chard		23.02	35	173.27	A
Tangelo		0.89	1	3.20	A
Tangerine		0.56	2	30.00	A
Tomatillo		0.19	1	5.00	A
Tomato		185.08	128	4,034.63	A
Tomato, Processing		286.78	75	5,164.62	A
Triticale		13.60	6	693.10	A
Turf/Sod		8.13	3	114.80	A
Turnip		17.73	32	124.82	A
Uncultivated Ag		38.98	35	2,322.00	A
		0.10	2	116.25	U
Total Pounds On This Commodity	39.08				
Uncultivated Non-Ag		3.85	12	175.00	A
Vertebrate Control		0.92			
Walnut		578.47	349	10,889.83	A
		0.18	5	55.00	U
Total Pounds On This Commodity	578.65				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Watermelon		3.72	4	115.50	A
Wheat		347.84	203	13,535.17	A
Wheat (Forage - Fodder)		217.22	178	8,780.50	A
Chemical Total		16,425.84	7,741		
FENAMIDONE					
Bok Choy		9.25	19	34.55	A
Broccoli		77.54	24	448.60	A
Cabbage		76.01	23	249.43	A
Carrot		2,199.90	100	7,404.70	A
Celery		14.69	4	56.96	A
Chinese Cabbage (Nappa)		30.49	8	123.60	A
Collard		21.34	10	82.43	A
Cucumber		13.11	3	74.00	A
Endive (Escarole)		7.66	12	33.56	A
Garlic		6.19	1	34.90	A
Kale		1.94	3	7.46	A
Lettuce, Head		6,069.31	1,644	28,131.61	A
Lettuce, Leaf		5,662.81	2,505	24,829.05	A
Mustard		16.19	53	62.30	A
N-Grnhs Flower		43.89	51	126.68	A
		2.72	5	244,819.00	S
Total Pounds On This Commodity	46.61				
N-Grnhs Plants In Containers		9.98	9	5.23	A
		5.90	4	37,736.00	S
Total Pounds On This Commodity	15.88				
N-Grnhs Transplants		0.13	9	29,000.00	S
		0.11	3	0.30	A
Total Pounds On This Commodity	0.24				
N-Outdr Flower		36.67	31	98.29	A
		10.78	27	613,050.00	S
Total Pounds On This Commodity	47.46				
N-Outdr Plants In Containers		42.81	36	61.44	A
		0.34	6	9,150.00	S
Total Pounds On This Commodity	43.15				
N-Outdr Transplants		8.33	15	1,908,000.00	S
		1.59	3	5.17	A
Total Pounds On This Commodity	9.92				
Onion, Dry		2,568.59	220	14,861.45	A
Onion, Green		41.55	19	234.15	A
Parsley		2.85	2	11.00	A
Potato		49.08	5	223.00	A
Rappini		1,127.82	310	4,890.08	A
Spinach		1,420.73	851	4,474.55	A
Swiss Chard		83.10	76	117.86	A
Tomato, Processing		25.18	13	109.30	A
Turnip		3.63	5	14.58	A
Unknown		13.61	50	52.65	A
Chemical Total		19,705.84	6,159		
FENAMIPHOS					
Cabbage		< 0.01	1	14.40	A
Cherry		174.27	3	60.00	A
Grape		9,345.47	92	6,335.60	A
Grape, Wine		1,427.95	19	976.32	A
Landscape Maintenance		245.89			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lemon		36.31	2	25.00	A
Orange		84.22	5	73.63	A
Peach		144.35	2	52.00	A
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	124		
FENARIMOL					
Apple		19.42	45	268.33	A
Cherry		1.56	2	25.00	A
Grape		2,141.50	1,384	50,958.18	A
Grape, Wine		1,516.81	1,187	43,835.17	A
Landscape Maintenance		32.24			
N-Grnhs Flower		4.10	52	78.10	A
		0.47	11	311,103.00	S
Total Pounds On This Commodity	4.56				
N-Grnhs Plants In Containers		0.16	2	24,400.00	S
		0.08	2	0.89	A
Total Pounds On This Commodity	0.23				
N-Outdr Flower		18.71	97	389.97	A
		0.13	1	30,000.00	S
Total Pounds On This Commodity	18.84				
N-Outdr Plants In Containers		12.78	43	163.93	A
		0.34	4	120,975.00	S
		0.12	1	2.00	U
Total Pounds On This Commodity	13.25				
Pear		87.48	38	978.50	A
Vertebrate Control		6.00	5	188.25	A
Chemical Total		3,841.91	2,874		
FENBUCONAZOLE					
Almond		7,076.93	1,066	51,894.77	A
Apple		1.23	1	10.00	A
Apricot		39.91	14	469.00	A
Blueberry		4.43	2	46.60	A
Cherry		24.65	10	253.50	A
Landscape Maintenance		12.00			
Nectarine		508.50	99	1,943.56	A
Peach		442.26	158	4,078.79	A
Plum		10.84	9	115.30	A
Prune		76.52	20	817.79	A
Walnut		0.97	1	10.00	A
Chemical Total		8,198.23	1,380		
FENBUTATIN-OXIDE					
Almond		3,433.60	91	4,599.70	A
Apple		0.25	1	0.20	A
Cherry		313.00	8	210.00	A
Grape		487.50	10	855.43	A
Grape, Wine		37.00	1	37.00	A
Landscape Maintenance		0.37			
Lemon		120.00	1	80.00	A
N-Grnhs Flower		4.25	4	220,000.00	S
		1.00	2	2.00	A
Total Pounds On This Commodity	5.25				
N-Grnhs Plants In Containers		7.77	18	19.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.64	4	37,500.00	S
Total Pounds On This Commodity	8.41				
N-Outdr Flower		7.50	2	3.98	A
N-Outdr Plants In Containers		122.34	27	126.42	A
		0.38	3	26,000.00	S
Total Pounds On This Commodity	122.72				
Nectarine		137.50	4	156.00	A
Orange		1,025.50	11	645.00	A
Peach		915.52	68	1,313.84	A
Pear		0.75	2	0.40	A
Pepper, Spice		< 0.01		0.50	A
Plum		40.15	3	54.30	A
Prune		115.00	8	162.00	A
Research Commodity		0.09			
Strawberry		39.00	1	52.00	A
Tangelo		13.00	1	13.00	A
Tangerine		150.00	2	80.00	A
Walnut		244.00	21	311.00	A
Chemical Total		7,216.11	293		
FENHEXAMID					
Blueberry		994.81	36	1,428.81	A
Cherry		1,018.67	78	1,879.53	A
Grape		8,154.59	380	16,980.08	A
Grape, Wine		21,042.39	1,219	40,372.57	A
Kiwi		3.60	1	0.30	A
Landscape Maintenance		30.19			
Lemon		7.19	2	50.00	A
N-Grnhs Flower		424.63	382	671.51	A
		15.62	30	1,034,602.00	S
Total Pounds On This Commodity	440.25				
N-Grnhs Plants In Containers		224.94	367	440.74	A
		190.69	341	13,536,764.00	S
		0.31	4	30,240.00	U
Total Pounds On This Commodity	415.94				
N-Grnhs Transplants		105.20	28	261.64	A
		8.64	45	376,250.00	S
Total Pounds On This Commodity	113.84				
N-Outdr Flower		298.35	169	575.81	A
		1.21	9	95,568.00	S
Total Pounds On This Commodity	299.56				
N-Outdr Plants In Containers		90.18	111	112.11	A
		25.61	32	900,540.00	S
Total Pounds On This Commodity	115.80				
N-Outdr Transplants		20.58	45	37.57	A
Peach		6.00	1	1.00	A
Pistachio		22.50	2	30.00	A
Plum		2.31		288.00	T
		1.78		445,950.00	P
Total Pounds On This Commodity	4.09				
Raspberry		5.25	1	7.00	A
Research Commodity		0.50			
Rights Of Way		0.94	1	1.50	A
Strawberry		33,352.17	1,419	50,641.04	A
Tomato		78.38	13	159.40	A
Vertebrate Control		173.50	4	286.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		66,300.72	4,720		
FENOXAPROP-ETHYL					
Rice		11.13	8	142.50	A
Chemical Total		11.13	8		
FENOXAPROP-P-ETHYL					
Barley		365.84	25	4,541.00	A
Barley (Forage - Fodder)		1.66	2	20.00	A
Rice		423.32	172	12,491.22	A
Rights Of Way		0.33			
Wheat		1,785.25	321	23,150.00	A
Wheat (Forage - Fodder)		967.59	192	11,670.35	A
Chemical Total		3,543.99	712		
FENOXYCARB					
Landscape Maintenance		1.02			
		0.05	1	120.00	A
Total Pounds On This Commodity	< 0.01				
N-Outdr Flower		< 0.01	2	4.00	A
N-Outdr Plants In Containers		3.85	25	221.35	A
N-Outdr Transplants		0.12	2	7.67	A
Structural Pest Control		0.19			
Chemical Total		5.24	30		
FENPROPATHRIN					
Apple		686.22	98	1,850.50	A
Blueberry		280.16	15	1,296.40	A
Brussels Sprout		105.38	15	331.76	A
Cantaloupe		46.92	1	150.00	A
Citrus		2.09	3	13.00	A
Cotton		775.14	36	2,820.60	A
Grape		5,589.74	463	23,379.78	A
Grape, Wine		3,349.74	269	12,483.24	A
Grapefruit		132.80	9	323.00	A
Landscape Maintenance		3.15			
Lemon		88.09	19	286.26	A
Melon		0.81	3	1.80	A
N-Grnhs Flower		5.40	35	35.00	A
N-Grnhs Plants In Containers		36.09	91	197.83	A
		8.35	212	653,060.00	S
Total Pounds On This Commodity	44.44				
N-Grnhs Transplants		3.59	18	211,000.00	S
		0.86	2	1.00	A
Total Pounds On This Commodity	4.45				
N-Outdr Flower		1.72	10	10.75	A
		1.56	8	24,000.00	U
		0.06	10	1,900.00	S
Total Pounds On This Commodity	3.34				
N-Outdr Plants In Containers		254.43	446	946.49	A
		6.55	93	434,995.00	S
		4.56	46	45,305.50	U
Total Pounds On This Commodity	265.54				
N-Outdr Transplants		0.92	2	95,000.00	U
		0.40	1	8,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.20	1	1.00	A
Total Pounds On This Commodity	1.51				
Orange		8,749.81	781	22,072.94	A
Pear		39.89	11	97.60	A
Pomelo		2.05	1	5.00	A
Regulatory Pest Control		0.02			
Strawberry		9,322.33	932	27,884.88	A
Structural Pest Control		29.21	3	249.00	A
		< 0.01			
Total Pounds On This Commodity	29.21				
Tangelo		106.88	18	290.50	A
Tangerine		932.76	63	2,548.84	A
Tomato		1,146.95	129	6,313.00	A
Tomato, Processing		1,295.48	176	6,451.50	A
Vertebrate Control		78.83	3	252.00	A
Watermelon		13.99	8	45.06	A
Chemical Total		33,103.11	4,031		
FENPYROXIMATE					
Almond		9,033.56	691	69,570.76	A
Apple		26.82	6	394.00	A
Beehive		31.26	2	31,785.00	U
		0.03		106.00	A
Total Pounds On This Commodity	31.28				
Cherry		4.22	3	45.00	A
Cotton		16.43	6	482.80	A
Grape		1,215.62	251	10,500.84	A
Grape, Wine		3,605.47	513	32,959.03	A
Grapefruit		3.34	4	20.60	A
Landscape Maintenance		< 0.01			
Lemon		43.08	6	241.38	A
N-Grnhs Flower		5.70	38	39.84	A
		0.30	11	117,400.00	S
Total Pounds On This Commodity	6.00				
N-Grnhs Plants In Containers		9.77	58	97.87	A
		1.15	41	779,510.00	S
		< 0.01	1	400.00	U
Total Pounds On This Commodity	10.92				
N-Grnhs Transplants		2.28	22	28.34	A
		0.02	2	10,500.00	S
Total Pounds On This Commodity	2.29				
N-Outdr Flower		0.23	10	3.40	A
		0.02	1	7,500.00	S
Total Pounds On This Commodity	0.25				
N-Outdr Plants In Containers		7.66	58	130.70	A
		0.51	8	140,984.00	S
Total Pounds On This Commodity	8.17				
N-Outdr Transplants		4.34	6	38.00	A
Orange		668.58	166	4,638.15	A
Pear		11.20	3	97.50	A
Pistachio		3.85	3	19.30	A
Regulatory Pest Control		0.09			
Tangelo		0.60	1	5.00	A
Tangerine		352.87	67	2,629.57	A
Walnut		156.55	40	1,335.55	A
Chemical Total		15,205.53	2,018		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FENTHION				
Public Health	9.32			
Chemical Total	9.32			
FENVALERATE				
Structural Pest Control	2.50			
Chemical Total	2.50			
FENUGREEK				
Lettuce, Leaf	1.51	4	41.10	A
Strawberry	1.64	1	60.00	A
Tomato, Processing	8.77	3	295.00	A
Walnut	0.15	3	2.25	A
Chemical Total	12.07	11		
FERRIC SULFATE (ANHYDROUS)				
Almond	9.59	3	181.00	A
Landscape Maintenance	4.63			
Chemical Total	14.22	3		
FERROUS SULFATE				
Alfalfa	157.26	335	21,019.83	A
Almond	52.87	38	2,495.50	A
Apple	0.22	3	8.50	A
Asparagus	0.32	1	92.00	A
Bean, Dried	1.36	3	134.00	A
Cantaloupe	6.19	15	813.30	A
Cherry	9.63	3	158.60	A
Corn (Forage - Fodder)	15.56	18	932.23	A
Corn, Human Consumption	97.38	89	8,338.91	A
Cotton	79.66	110	12,892.80	A
Grape	94.06	111	4,138.66	A
Grape, Wine	1.05	4	80.00	A
Melon	10.98	38	1,197.00	A
Oat (Forage - Fodder)	0.65	1	33.00	A
Peach	6.15	7	91.40	A
Pistachio	147.36	46	2,829.35	A
Rice	20.75	16	842.40	A
Safflower	14.42	10	2,452.00	A
Sorghum (Forage - Fodder)	0.60	1	172.00	A
Sorghum/Milo	0.75	2	86.40	A
Tomato, Processing	0.04	1	162.00	A
Walnut	57.04	43	1,196.80	A
Wheat	2.50	5	264.00	A
Wheat (Forage - Fodder)	10.29	20	2,721.71	A
Chemical Total	787.07	920		
FIPRONIL				
Fumigation, Other	0.24			
Household	0.06		3.00	A
Landscape Maintenance	286.45	29	1,549.00	A
	106.00			
Total Pounds On This Commodity 392.44				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Flower		< 0.01	7	33.90	A
N-Grnhs Plants In Containers		< 0.01	19	42.50	A
Public Health		3.56			
Regulatory Pest Control		1.11			
Rights Of Way		0.51			
Structural Pest Control		27,783.03			
		1.60	4	80.00	A
Total Pounds On This Commodity	27,784.63				
Chemical Total		28,182.55	59		
FLONICAMID					
Alfalfa		1,937.23	281	20,509.80	A
Apple		0.50	1	8.00	A
Arrugula		0.56	2	9.00	A
Broccoli		48.00	18	565.51	A
Brussels Sprout		29.15	40	337.20	A
Cabbage		57.54	118	776.34	A
Cantaloupe		48.53	11	555.35	A
Carrot		72.75	46	844.00	A
Cauliflower		5.71	5	65.20	A
Celery		345.72	221	4,076.00	A
Chinese Cabbage (Nappa)		19.98	10	14.47	A
Collard		1.58	1	18.00	A
Cotton		9,487.86	1,025	107,608.61	A
Cucumber		54.70	23	610.50	A
Dandelion Green		8.18	1	0.93	A
Eggplant		1.49	1	17.00	A
Endive (Escarole)		16.55	25	189.08	A
Fennel		0.05	1	0.65	A
Kale		4.56	8	52.10	A
Kohlrabi		0.16	3	2.05	A
Landscape Maintenance		0.16			
Lettuce, Head		113.63	88	1,141.60	A
Lettuce, Leaf		286.10	510	3,183.78	A
Melon		162.74	32	1,998.35	A
Mustard		9.68	48	116.84	A
N-Grnhs Flower		71.43	196	406.49	A
		1.72	9	414,720.00	S
Total Pounds On This Commodity	73.15				
N-Grnhs Plants In Containers		4.28	21	31.67	A
		1.21	11	241,200.00	S
Total Pounds On This Commodity	5.49				
N-Grnhs Transplants		1.49	12	11.15	A
N-Outdr Flower		1.19	8	12.79	A
		0.11	4	58,572.00	S
Total Pounds On This Commodity	1.29				
N-Outdr Plants In Containers		0.18	1	2.00	A
Okra		1.29	1	14.70	A
Parsley		117.49	37	179.37	A
Pepper, Fruiting		59.20	32	754.55	A
Pepper, Spice		0.44	1	5.00	A
Prune		21.45	11	262.10	A
Pumpkin		22.15	25	278.50	A
Radicchio		5.08	4	58.71	A
Regulatory Pest Control		0.02			
Research Commodity		0.34			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way		0.03	1	34.00	A
Spinach		53.74	93	645.13	A
Squash		24.18	19	299.70	A
Squash, Summer		1.42	5	21.00	A
Squash, Zucchini		0.37	1	4.23	A
Swiss Chard		7.15	54	93.89	A
Tomato		35.06	15	409.42	A
Tomato, Processing		108.50	31	1,407.90	A
Turnip		0.40	2	4.52	A
Watermelon		35.47	39	553.75	A
Chemical Total		13,288.47	3,152		
FLUAZIFOP-BUTYL					
Landscape Maintenance		21.06			
		0.09	1	2.00	A
Total Pounds On This Commodity	< 0.01				
Rights Of Way		< 0.01			
Chemical Total		< 0.01	1		
FLUAZIFOP-P-BUTYL					
Almond		56.51	10	300.00	A
Carrot		3,167.53	165	10,657.44	A
Cherry		4.52	3	11.32	A
Cotton		111.31	13	384.10	A
Garlic		93.71	10	741.00	A
Grape		213.86	13	745.45	A
Grape, Wine		62.54	13	404.56	A
Landscape Maintenance		927.73			
		3.21	6	274.30	A
Total Pounds On This Commodity	930.94				
N-Grnhs Flower		1.09		325.00	T
N-Outdr Flower		22.61	10	60.10	A
N-Outdr Plants In Containers		0.37	1	8,800.00	S
		0.03	1	0.80	A
Total Pounds On This Commodity	0.40				
N-Outdr Transplants		22.60	2	80.00	A
Nectarine		6.59	1	17.49	A
Olive		4.29	2	18.03	A
Onion, Dry		2,276.74	127	8,287.20	A
Peach		41.25	17	118.84	A
Pistachio		14.31	1	38.00	A
Plum		37.58	6	129.40	A
Pomegranate		4.18	1	40.00	A
Prune		59.13	8	238.00	A
Regulatory Pest Control		1.65			
Research Commodity		0.17	2	0.87	A
Rights Of Way		400.35			
		17.39	4	85.00	A
Total Pounds On This Commodity	417.74				
Structural Pest Control		2.69			
Sweet Potato		3.39	1	18.00	A
Turf/Sod		78.18	10	211.32	A
		0.45	5	51,500.00	S
Total Pounds On This Commodity	78.63				
Uncultivated Ag		148.94	19	2,069.90	A
Uncultivated Non-Ag		0.22		150.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		42.08	6	170.50	A
Chemical Total		7,827.20	457		
FLUBENDIAMIDE					
Almond		7,391.16	683	59,624.69	A
Apple		3.59	2	23.00	A
Bok Choy		24.21	41	55.26	A
Broccoli		53.73	42	2,023.80	A
Cabbage		175.62	226	1,026.61	A
Cantaloupe		248.65	49	5,283.13	A
Cauliflower		11.86	11	416.20	A
Celery		51.04	48	574.26	A
Chinese Cabbage (Nappa)		12.64	33	50.52	A
Collard		92.23	82	195.74	A
Corn (Forage - Fodder)		94.18	19	1,156.00	A
Corn Salad		1.94	16	51.09	A
Corn, Human Consumption		1,749.36	251	21,603.86	A
Cotton		31.66	2	507.00	A
Dandelion Green		0.16	5	5.45	A
Endive (Escarole)		7.94	9	89.01	A
Grape		233.46	55	2,196.13	A
Grape, Wine		790.35	67	7,389.00	A
Kale		23.60	50	77.89	A
Kohlrabi		8.31	14	10.74	A
Lettuce, Head		153.82	147	4,099.12	A
Lettuce, Leaf		172.33	165	3,478.94	A
Melon		14.67	5	349.00	A
Mustard		14.72	27	41.08	A
N-Outdr Transplants		6.87	1	55.00	A
Nectarine		77.98	57	648.54	A
Parsley		66.39	34	76.02	A
Peach		413.61	138	3,441.25	A
Pear		3.90	3	25.00	A
Pepper, Fruiting		32.66	28	735.39	A
Pepper, Spice		0.23	1	5.00	A
Plum		118.25	75	981.31	A
Quince		3.37	2	27.00	A
Radicchio		12.59	7	236.65	A
Spinach		14.27	21	33.16	A
Squash, Summer		0.11	2	3.00	A
Swiss Chard		131.96	114	163.64	A
Tomato		103.92	57	2,436.90	A
Tomato, Processing		769.04	209	18,398.17	A
Walnut		1,077.65	174	6,794.13	A
Watermelon		79.09	47	1,787.02	A
Chemical Total		14,273.12	3,019		
FLUDIOXONIL					
Apricot		1.04		995,200.00	P
		0.76		290.00	T
Total Pounds On This Commodity	< 0.01				
Arrugula		6.84	5	34.10	A
Basil, Sweet		5.41	11	27.50	A
Bean, Dried		42.20		8,211.00	C
		32.84		232,376.51	U
		9.95		775,600.00	P

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	84.99				
Bean, Succulent		5.71	11	33.20	A
Bean, Unspecified		16.85		651,800.00	U
Blackberry		16.68	11	82.04	A
Blueberry		16.55	8	91.00	A
Broccoli		9.55	10	46.25	A
Brussels Sprout		32.97	19	167.90	A
Cabbage		0.55	5	2.50	A
Carrot		0.13		2,343.71	K
Cauliflower		19.08	14	101.55	A
Celery		12.23	2	57.40	A
Chive		0.75	1	4.00	A
Commodity Fumigation		65.57			
		0.72	3	192,900.00	S
Total Pounds On This Commodity	66.29				
Corn, Human Consumption		< 0.01		146.30	P
		< 0.01		27.50	A
Total Pounds On This Commodity	0.01				
Cotton		140.90		2,803.00	T
Endive (Escarole)		25.88	4	138.00	A
Fava Bean		2.72	4	24.00	A
Fumigation, Other		4.10			
Herb, Spice		7.89	14	16.75	U
		5.75	24	47.25	A
Total Pounds On This Commodity	13.64				
Kale		1.25	1	7.25	A
Landscape Maintenance		1,045.22			
		3.66	3	232,000.00	S
		2.20	2	3.50	A
Total Pounds On This Commodity	1,051.08				
Leek		0.99	2	4.50	A
Lemon		6.12		2,333.50	T
		1.56	1	8.50	A
Total Pounds On This Commodity	7.68				
Lettuce, Head		527.25	219	2,607.81	A
		< 0.01		5.42	K
Total Pounds On This Commodity	527.25				
Lettuce, Leaf		492.28	278	2,515.73	A
		< 0.01		21.83	K
Total Pounds On This Commodity	492.28				
N-Grnhs Flower		90.56	401	629.58	A
		20.94	68	2,411,688.00	S
Total Pounds On This Commodity	111.49				
N-Grnhs Plants In Containers		140.20	481	351.51	A
		52.43	299	6,327,849.00	S
Total Pounds On This Commodity	192.63				
N-Grnhs Transplants		17.24	55	27.82	A
		8.52	80	889,010.00	S
		0.25	3	6,400.00	U
Total Pounds On This Commodity	26.00				
N-Outdr Flower		170.43	450	1,440.22	A
		10.16	66	2,641,298.00	S
Total Pounds On This Commodity	180.59				
N-Outdr Plants In Containers		238.86	528	1,759.24	A
		45.18	149	3,176,815.00	S
		0.28	2	16,001.00	U
Total Pounds On This Commodity	284.33				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Transplants		185.68	117	760.16	A
		0.91	4	14,050.00	S
		0.13	1	3,200.00	U
Total Pounds On This Commodity	186.71				
Nectarine		215.95		73,083.88	T
		9.82		1,655,568.00	P
Total Pounds On This Commodity	225.77				
Onion, Dry		42.26	11	193.20	A
		6.57		75,874.00	U
		6.57		75,874.00	P
		0.05		473.43	K
Total Pounds On This Commodity	55.45				
Orange		0.53		212.00	T
Oregano		0.69	1	4.50	A
Parsley		45.26	37	226.69	A
Peach		174.58		56,880.31	T
		7.78		829,537.00	P
		2.72		2,509.60	U
Total Pounds On This Commodity	185.08				
Pear		34.66		24,287.20	T
Pistachio		913.27	57	4,224.70	A
Plum		42.05		38,626.79	T
		4.38		743,280.00	P
		0.53		18,574.90	U
Total Pounds On This Commodity	46.95				
Pomegranate		286.82		169,874.15	T
		0.75		300,000.00	P
Total Pounds On This Commodity	287.57				
Potato		68.66	17	27,596.00	U
		9.00		550,000.00	P
		7.70		3,080.00	S
		7.01		975.30	T
		0.02	6	377.80	A
Total Pounds On This Commodity	92.38				
Radicchio		9.85	1	45.00	A
Raspberry		34.13	19	184.56	A
Research Commodity		0.09			
Rights Of Way		9.86			
		0.22	4	6.00	A
Total Pounds On This Commodity	10.08				
Strawberry		8,513.53	1,064	39,877.60	A
Structural Pest Control		60.85			
Swiss Chard		2.20	8	10.47	A
Tarragon		0.05	1	0.25	A
Turf/Sod		7.15	6	77.26	A
		4.38	2	284,000.00	S
		1.00		120,000.00	U
Total Pounds On This Commodity	12.53				
Unknown		8.22	8	10.00	A
Watercress		4.13	12	24.00	A
Chemical Total		14,089.16	4,610		
FLUMIOXAZIN					
Alfalfa		9,081.88	1,175	73,119.84	A
Almond		16,881.95	1,952	90,711.98	A
		2.55	2	6.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	16,884.50				
Animal Premise		27.92		73.00	A
Apple		24.31	7	163.50	A
Apricot		208.05	40	843.20	A
Asparagus		343.44	92	2,160.68	A
Bean, Dried		22.43	8	265.00	A
Blueberry		24.98	8	111.50	A
Cherry		533.70	149	3,074.62	A
Corn (Forage - Fodder)		483.93	130	5,334.71	A
Corn, Grain		50.20	19	776.90	A
Corn, Human Consumption		159.91	37	1,264.93	A
Cotton		1,854.07	306	23,846.69	A
Forest, Timberland		104.55		410.00	A
Garbanzo Bean		3.83	1	80.00	A
Garlic		1,013.85	53	5,428.70	A
Grape		5,933.97	1,077	44,244.77	A
Grape, Wine		18,177.67	3,832	104,175.01	A
Industrial Site		1.53		8.00	A
Landscape Maintenance		143.91			
		1.54	1	10.00	A
Total Pounds On This Commodity	145.46				
Lemon		14.29	4	67.56	A
Mint		2.55	1	25.00	A
N-Grnhs Flower		0.59	4	2.50	A
		< 0.01	1	4,500.00	S
Total Pounds On This Commodity	0.59				
N-Grnhs Plants In Containers		2.80	23	16.06	A
		< 0.01	1	2,000.00	S
Total Pounds On This Commodity	2.80				
N-Outdr Flower		63.00	129	247.67	A
N-Outdr Plants In Containers		888.36	1,744	3,437.75	A
		0.83	7	431,243.00	S
Total Pounds On This Commodity	889.19				
N-Outdr Transplants		34.76	27	211.83	A
Nectarine		830.06	236	3,519.59	A
Olive		105.63	22	669.79	A
Onion, Dry		0.26	2	73.90	A
Orange		36.88	9	128.00	A
Pastureland		0.57	1	3.00	A
Peach		1,184.20	288	4,798.28	A
Pear		88.37	17	733.26	A
Pecan		30.30	4	86.80	A
Pistachio		4,919.45	440	23,820.12	A
Plum		648.27	163	3,300.43	A
Pomegranate		27.20	3	158.88	A
Prune		618.65	88	2,295.18	A
Public Health		24.58			
Rangeland		7.96	1	50.00	A
Research Commodity		< 0.01			
		< 0.01	1	0.01	A
Total Pounds On This Commodity	0.00				
Rights Of Way		8,322.47			
		16.78	5	107.50	A
Total Pounds On This Commodity	8,339.25				
Soil Fumigation/Preplant		15.77	4	107.65	A
Strawberry		196.76	79	3,253.00	A
Structural Pest Control		229.18	38	790.97	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		31.99			
Total Pounds On This Commodity	261.17				
Tangerine		83.11	8	486.61	A
Uncultivated Ag		451.96	73	3,611.65	A
Uncultivated Non-Ag		37.44	15	194.50	A
Unknown		77.89		610.89	A
Walnut		2,108.57	518	10,354.83	A
Wheat		58.40	5	683.46	A
Wheat (Forage - Fodder)		18.07	3	162.00	A
Chemical Total		76,258.13	12,853		
FLUOPICOLIDE					
Arrugula		1.66	9	12.50	A
Broccoli		0.32	1	2.50	A
Cucumber		2.21	1	18.00	A
Endive (Escarole)		0.10	2	0.76	A
Lettuce, Head		548.29	452	4,475.93	A
Lettuce, Leaf		304.30	332	2,085.95	A
N-Grnhs Plants In Containers		0.11	1	0.67	A
N-Outdr Transplants		0.96	8	8.09	A
		0.87	4	420,000.00	S
Total Pounds On This Commodity	1.83				
Spinach		452.65	477	3,280.94	A
Swiss Chard		4.70	33	39.99	A
Tomato		1.66	1	13.30	A
Tomato, Processing		5.76	2	62.20	A
Chemical Total		1,323.58	1,323		
FLUOXASTROBIN					
Landscape Maintenance		19.54			
Chemical Total		19.54			
FLURECOL-METHYL					
Landscape Maintenance		23.29			
Rights Of Way		0.54			
Structural Pest Control		0.27			
Chemical Total		24.11			
FLURIDONE					
Landscape Maintenance		651.86			
		1.00	1	1.75	A
Total Pounds On This Commodity	< 0.01				
Public Health		2.00			
Regulatory Pest Control		1,677.84			
Rights Of Way		81.52			
Structural Pest Control		0.50			
Unknown		7.49		34.00	A
Water (Industrlial)		30.47		76.00	A
Water Area		193.91	5	418.79	A
		6.37		28.00	U
		1.00			
Total Pounds On This Commodity	201.28				
Chemical Total		2,653.96	6		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FLUROXYPYR					
Landscape Maintenance		23.92			
Chemical Total		23.92			
FLUROXYPYR, 1-METHYLHEPTYL ESTER					
Landscape Maintenance		110.05			
N-Outdr Plants In Containers		52.35	7	87.80	A
Regulatory Pest Control		24.46			
Rights Of Way		23.31			
Turf/Sod		16.82	10	148.00	A
Uncultivated Ag		12.50	1	33.00	A
Unknown		4.72	4	65.00	A
Chemical Total		244.22	22		
FLURPRIMIDOL					
Landscape Maintenance		1.56			
		0.14	1	70.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		0.02	5	8.12	A
		0.02	5	36,800.00	S
Total Pounds On This Commodity	0.03				
N-Grnhs Transplants		< 0.01	1	0.50	A
N-Outdr Plants In Containers		0.02	2	1.00	A
		0.01	10	4,325.00	S
Total Pounds On This Commodity	0.03				
N-Outdr Transplants		0.03	5	2.25	A
Rights Of Way		1.19			
Chemical Total		3.00	29		
FLUTOLANIL					
Landscape Maintenance		7,447.67			
		53.11	5	101.80	A
		28.58	3	261,000.00	S
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		0.26	1	4.00	A
N-Outdr Flower		0.51	1	2.00	A
N-Outdr Plants In Containers		2.31	8	23.25	A
N-Outdr Transplants		101.40	5	50.75	A
Potato		538.48	30	2,024.20	A
Structural Pest Control		81.31			
Turf/Sod		86.54	5	164.10	A
		25.20	2	280,000.00	S
Total Pounds On This Commodity	111.74				
Chemical Total		8,365.36	60		
TAU-FLUVALINATE					
Beehive		0.68	3	481.00	U
Cabbage		0.88	1	6.00	A
Carrot		277.04	48	1,045.25	A
Christmas Tree		6.94	10	141.00	A
Landscape Maintenance		76.61			
		0.37	3	11.00	A
Total Pounds On This Commodity	76.97				
N-Grnhs Flower		36.42	151	256.00	A
		16.64	2	6,000.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		13.04	62	1,940,773.00	S
Total Pounds On This Commodity	66.10				
N-Grnhs Plants In Containers		226.93	660	28,580,777.00	S
		114.07	497	627.63	A
Total Pounds On This Commodity	341.00				
N-Grnhs Transplants		10.36	37	49.93	A
		5.70	53	1,395,140.40	S
Total Pounds On This Commodity	16.06				
N-Outdr Flower		28.59	89	351.54	A
		21.63	68	2,094,000.00	S
Total Pounds On This Commodity	50.23				
N-Outdr Plants In Containers		276.88	553	1,491.93	A
		34.12	238	6,354,245.00	S
		2.69	14	56,340.00	U
Total Pounds On This Commodity	313.68				
N-Outdr Transplants		12.69	35	67.45	A
		0.68	8	240,070.00	S
Total Pounds On This Commodity	13.37				
Olive		0.31	1	37,000.00	S
Pepper, Spice		0.03		0.20	A
Research Commodity		3.05			
Rights Of Way		1.39			
Structural Pest Control		0.02			
Chemical Total		1,167.75	2,533		
FORAMSULFURON					
Corn (Forage - Fodder)		256.20	164	7,288.72	A
Corn, Grain		1.15	2	40.00	A
Landscape Maintenance		82.47			
		2.17	5	46.50	A
		< 0.01	1	5,000.00	S
Total Pounds On This Commodity	84.64				
N-Outdr Plants In Containers		0.56		6.00	A
Rights Of Way		< 0.01			
Turf/Sod		8.83	14	217.07	A
		0.23	4	240,500.00	S
Total Pounds On This Commodity	9.05				
Unknown		1.76	1	39.00	A
Chemical Total		353.36	191		
FORCHLORFENURON					
Almond		1.77	2	16.50	A
Grape		119.20	385	14,121.54	A
Grape, Wine		1.67	25	217.42	A
Kiwi		8.50	16	953.00	A
Chemical Total		131.13	428		
FORMALDEHYDE					
Animal Premise		1,052.92		446,416.00	C
		705.68		103,000.00	S
		544.84		710.00	K
Total Pounds On This Commodity	< 0.01				
Chicken		100.26		145,000.00	C
		13.58		15.00	K
Total Pounds On This Commodity	113.84				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Poultry		778.91		128,000.00	S
		352.84		100,000.00	C
Total Pounds On This Commodity	1,131.75				
Public Health		423.00			
Chemical Total		3,972.02			
FORMETANATE HYDROCHLORIDE					
Alfalfa		1,866.68	41	2,221.00	A
Apple		363.86	10	286.50	A
Grapefruit		184.15	10	195.00	A
Lemon		114.89	17	166.60	A
Nectarine		11,265.70	836	11,650.29	A
Orange		15,252.71	449	14,395.92	A
Peach		98.72	16	130.80	A
Stone Fruit		4.72	2	4.10	A
Tangelo		93.97	9	97.71	A
Tangerine		3,325.92	84	3,421.82	A
Chemical Total		32,571.31	1,474		
FORMIC ACID					
Beehive		270.89	6	2,642.00	U
		4.24	1	10.00	A
Total Pounds On This Commodity	< 0.01				
Chemical Total		275.12	7		
FOSETYL-AL					
Almond		168.00	1	50.00	A
Apple		8.54	3	57.00	A
Arrugula		27.20	6	10.00	A
Avocado		34.00	2	8.50	A
Bean, Dried		1.60	1	0.50	A
Beet		5.60	1	1.40	A
Blackberry		272.11	19	76.24	A
Bok Choy		159.22	41	46.29	A
		4.00	1	36,000.00	S
Total Pounds On This Commodity	163.22				
Broccoli		2,572.36	98	759.51	A
Cabbage		167.21	25	85.14	A
Carrot		8.00	1	2.00	A
Cauliflower		384.18	24	179.81	A
Celery		8.40	3	3.50	A
Chervil		4.80	3	3.00	A
Chinese Cabbage (Nappa)		16.19	6	56.03	A
Collard		1,541.77	224	400.28	A
Cucumber		508.00	18	159.50	A
Dandelion Green		9.86	4	2.45	A
Endive (Escarole)		11.44	2	4.40	A
Gai Lon		32.80	9	8.50	A
		4.00	1	36,000.00	S
Total Pounds On This Commodity	36.80				
Herb, Spice		2.40	1	25,000.00	S
Kale		61.19	16	16.22	A
Kohlrabi		50.35	15	13.97	A
Landscape Maintenance		10,242.99			
		62.20	2	3.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		13.20	1	44,000.00	S
Total Pounds On This Commodity	10,318.39				
Lemon		28.00	1	10.00	A
Lettuce, Head		64,350.89	1,780	22,839.63	A
		9.60	3	104,000.00	S
Total Pounds On This Commodity	64,360.49				
Lettuce, Leaf		66,801.48	2,264	24,710.34	A
		12.00	5	120,000.00	S
Total Pounds On This Commodity	66,813.48				
Mustard		730.85	50	227.82	A
N-Grnhs Flower		1,283.23	384	838.37	A
		151.83	59	1,700,671.00	S
		9.90	4	68,000.00	U
Total Pounds On This Commodity	1,444.95				
N-Grnhs Plants In Containers		1,233.94	427	585.07	A
		971.58	726	28,091,449.00	S
Total Pounds On This Commodity	2,205.52				
N-Grnhs Transplants		307.30	65	359.37	A
		78.84	109	2,619,534.00	S
Total Pounds On This Commodity	386.14				
N-Outdr Flower		1,381.92	226	1,000.59	A
		49.33	46	1,061,710.00	S
Total Pounds On This Commodity	1,431.25				
N-Outdr Plants In Containers		4,580.02	828	1,695.76	A
		491.02	319	6,572,206.00	S
		1.65	6	33,500.00	U
Total Pounds On This Commodity	5,072.69				
N-Outdr Transplants		1,237.20	337	473.63	A
		894.13	252	12,576,482.84	S
Total Pounds On This Commodity	2,131.33				
Nectarine		20.00	1	37.13	A
Onion, Dry		347.58	16	157.41	A
Orange		1,039.97	39	671.80	A
Parsley		578.70	82	150.57	A
Peach		10.00	1	5.00	A
Pear		1,055.20	9	277.00	A
Plum		20.00	1	5.00	A
Radicchio		12.45	4	3.09	A
Research Commodity		18.40	3	21.60	A
		4.01			
Total Pounds On This Commodity	22.41				
Rights Of Way		14.60	7	8.25	A
		8.05			
Total Pounds On This Commodity	22.65				
Soil Fumigation/Preplant		134.40	1	42.00	A
Spinach		10,211.67	507	4,229.28	A
Squash		43.20	1	36.00	A
Strawberry		6,988.21	67	2,517.90	A
Structural Pest Control		2.05			
Swiss Chard		187.36	35	58.10	A
Tomato		594.00	9	299.00	A
Tomato, Processing		2,256.60	24	764.90	A
Turf/Sod		171.20	1	17.00	A
		105.60	2	276,000.00	S
Total Pounds On This Commodity	276.80				
Unknown		134.00	11	21.50	A
Vegetables, Leafy		1.60	2	2.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		3.00	5	1.50	A
Chemical Total		184,948.17	9,247		
FREE FATTY ACIDS AND/OR AMINE SALTS					
Celery		248.18	3	45.65	A
Chicory		0.94	1	28.00	A
Grain		1.40	2	1,900.00	U
Landscape Maintenance		3,849.44			
N-Outdr Plants In Containers		1.87	3	0.28	A
Structural Pest Control		0.46			
Vertebrate Control		6.79			
Chemical Total		4,109.07	9		
FREON 12					
Structural Pest Control		59.02			
Chemical Total		59.02			
FRUCTOSE					
Walnut		0.01	1	24.00	A
Chemical Total		0.01	1		
FUMARIC ACID					
N-Outdr Plants In Containers		0.19	1	1.00	A
Chemical Total		0.19	1		
GAMMA AMINOBUTYRIC ACID					
Almond		154.36	16	1,470.00	A
Onion, Dry		17.59	4	241.00	A
Tomato, Processing		5.48	1	75.00	A
Chemical Total		177.43	21		
GAMMA-CYHALOTHRIN					
Alfalfa		109.69	184	10,969.21	A
Almond		2.31	8	171.00	A
Animal Premise		254.68		325.00	U
		21.68			
Total Pounds On This Commodity	276.36				
Bean, Succulent		2.86	10	192.00	A
Broccoli		5.23	6	396.10	A
Corn, Human Consumption		0.75	2	50.00	A
Cotton		62.54	21	4,530.70	A
Landscape Maintenance		96.76			
Lettuce, Head		15.53	47	1,042.70	A
Lettuce, Leaf		12.85	40	903.60	A
N-Outdr Transplants		< 0.01	3	750.00	S
Onion, Dry		2.01	3	135.00	A
Pepper, Fruiting		2.41	7	163.30	A
Rights Of Way		6.32			
Structural Pest Control		0.09			
Tomato, Processing		2.16	1	140.00	A
Chemical Total		597.87	332		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
GARLIC					
Carrot		0.44	2	40.00	A
Grape		1.99	3	72.43	A
Grape, Wine		9.96	15	111.56	A
Landscape Maintenance		< 0.01			
Prune		24.06	6	150.00	A
Structural Pest Control		0.02			
Chemical Total		36.46	26		
GERANIOL					
Grape		4.01	6	232.50	A
Grape, Wine		1.34	12	95.04	A
Walnut		0.05	1	21.00	A
Chemical Total		5.40	19		
GERMAN COCKROACH PHEROMONE					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
GIBBERELLINS					
Apple		15.70	16	575.01	A
Apricot		1.56	1	25.00	A
Artichoke, Globe		25.38	136	1,399.35	A
Carrot		13.88	60	3,275.73	A
Celery		0.98	7	37.58	A
Cherry		1,151.19	712	12,714.04	A
Citrus		4.96		18,360.78	T
		3.82		214,577.04	U
		0.25	2	19.40	A
Total Pounds On This Commodity	9.03				
Commodity Fumigation		2.74			
Grape		15,367.39	9,249	388,497.23	A
Grape, Wine		217.89	298	11,545.54	A
Grapefruit		3.59	6	62.80	A
		0.64		1,026.90	T
Total Pounds On This Commodity	4.23				
Lemon		712.47	542	16,781.32	A
		14.36		67,725.58	T
		0.05		6,075.20	U
Total Pounds On This Commodity	726.88				
Lime		0.17	1	2.50	A
N-Grnhs Flower		1.52	52	260,000.00	U
		0.59	10	17.03	A
		0.52	28	888,640.00	S
Total Pounds On This Commodity	2.62				
N-Grnhs Plants In Containers		3.59	103	59.53	A
		2.80	280	6,230,903.00	S
		< 0.01	1	300.00	U
Total Pounds On This Commodity	6.39				
N-Grnhs Transplants		0.31	2	4.25	A
		0.10	8	50,500.00	S
Total Pounds On This Commodity	0.41				
N-Outdr Flower		1.75	36	430,500.00	S
		0.23	4	3.87	A
Total Pounds On This Commodity	1.98				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		4.62	58	104.14	A
		0.50	81	2,284,175.00	S
		0.14	1	170,000.00	U
Total Pounds On This Commodity	5.26				
N-Outdr Transplants		3.15	5	14.75	A
		0.07	1	50,000.00	U
Total Pounds On This Commodity	3.22				
Orange		4,493.67	2,580	54,771.66	A
		32.09		188,126.98	T
		4.35		29,793.55	U
Total Pounds On This Commodity	4,530.11				
Peach		4.69	6	81.75	A
Rice		6.38	16	2,585.00	A
Rights Of Way		1.07			
Structural Pest Control		0.03			
Tangelo		218.30	150	2,905.83	A
Tangerine		482.43	406	16,435.54	A
Vegetable		0.15	2	6.80	A
Chemical Total		22,800.07	14,860		
GLIOCLADIUM VIRENS GL-21 (SPORES)					
Broccoli		2.88	2	6.00	A
Cauliflower		65.04	12	135.50	A
Lettuce, Leaf		16.22	7	63.83	A
N-Grnhs Flower		0.18	1	10,890.00	S
N-Grnhs Plants In Containers		0.90	1	1.00	U
N-Grnhs Transplants		5.28	10	366,491.00	S
N-Outdr Flower		33.93	13	58.00	A
N-Outdr Plants In Containers		32.40	11	90,000.00	S
		0.41	5	1.33	A
Total Pounds On This Commodity	32.81				
N-Outdr Transplants		1.56	6	113,168.00	S
Rights Of Way		2.70			
Soil Fumigation/Preplant		70.09	18	167.80	A
Spinach		25.10	14	104.60	A
Tomato		99.60	3	166.00	A
Chemical Total		356.29	103		
GLUFOSINATE-AMMONIUM					
Almond		185,418.67	5,668	271,048.71	A
		1.89	2	2.75	U
Total Pounds On This Commodity	< 0.01				
Apple		464.77	49	827.03	A
Blueberry		488.40	36	559.80	A
Corn (Forage - Fodder)		205.35		250.00	A
Cotton		4,458.62	41	4,376.93	A
Fig		93.69	4	127.60	A
Grape		70,677.62	3,982	146,859.66	A
Grape, Wine		114,698.10	5,003	194,117.48	A
		1.25	1	40.00	U
		0.02	1	1,000.00	S
Total Pounds On This Commodity	114,699.37				
Landscape Maintenance		327.70			
		24.79	4	8.00	A
Total Pounds On This Commodity	352.49				
N-Grnhs Flower		3.64	10	4.51	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Plants In Containers		< 0.01	9	0.47	A
N-Outdr Plants In Containers		205.03	72	345.36	A
		6.80	1	18,796.00	S
Total Pounds On This Commodity	211.83				
N-Outdr Transplants		35.64	5	45.50	A
Olive		118.40	6	179.00	A
Pecan		131.59	11	190.00	A
Pistachio		34,840.90	1,263	55,840.87	A
Plum		1.00	1	4.00	A
Pomegranate		40.90	5	276.00	A
Potato		973.13	44	2,588.00	A
Prune		32.20	5	107.00	A
Rangeland		4.38	2	7.00	A
Research Commodity		66.21	13	60.81	A
		39.20			
Total Pounds On This Commodity	105.41				
Rights Of Way		18,730.16			
		442.20	22	1,796.00	A
Total Pounds On This Commodity	19,172.36				
Structural Pest Control		26.90			
Sunflower		0.33	1	1.00	A
Uncultivated Ag		1,117.03	175	1,144.80	A
Uncultivated Non-Ag		130.30	21	148.10	A
Walnut		27,693.32	2,030	46,878.33	A
		76.80	5	260.00	U
Total Pounds On This Commodity	27,770.11				
Chemical Total		461,576.96	18,492		
GLUTAMIC ACID					
Almond		154.36	16	1,470.00	A
Onion, Dry		17.59	4	241.00	A
Tomato, Processing		5.48	1	75.00	A
Chemical Total		177.43	21		
GLUTARALDEHYDE					
Animal Premise		2.62		2.00	U
Landscape Maintenance		1,176.13			
Structural Pest Control		3,333.22			
Unknown		686.35		196.00	U
Water (Industrlial)		52,448.57		880.00	U
		14,282.17		393.00	A
Total Pounds On This Commodity	66,730.74				
Water Area		138.07		44.00	A
		8.37		4.00	U
Total Pounds On This Commodity	146.44				
Chemical Total		72,075.50			
GLYCEROL					
Alfalfa		268.10	60	3,751.26	A
Almond		1,404.52	129	8,439.18	A
Apple		52.59	15	351.48	A
Asparagus		7.68	2	76.50	A
Bean, Dried		1.25	1	80.00	A
Bean, Succulent		3.39	2	135.00	A
Cherry		694.22	56	1,396.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn (Forage - Fodder)		508.98	147	7,178.01	A
Corn, Grain		1.77	2	55.00	A
Cotton		49.65	18	999.30	A
Fig		9.19	3	123.00	A
Grape		72.20	26	1,171.33	A
Grape, Wine		2,124.15	161	15,246.25	A
Grapefruit		0.25	1	3.00	A
Landscape Maintenance		2.09			
Lemon		1.51	1	18.00	A
N-Outdr Plants In Containers		2.50	3	75.00	A
Oat (Forage - Fodder)		3.14	1	50.00	A
Olive		11.17	3	105.00	A
Orange		23.27	12	266.00	A
Peach		7.53	4	27.00	A
Pistachio		45.45	36	817.46	A
Plum		5.02	1	40.00	A
Pomegranate		13.48	6	138.00	A
Rice		52.68	4	260.00	A
Rights Of Way		172.83			
		28.39	3	352.00	A
Total Pounds On This Commodity	201.22				
Soil Fumigation/Preplant		158.11	6	569.00	A
Sunflower		10.34	2	235.00	A
Tangerine		10.78	10	220.00	A
Tomato, Processing		66.26	14	730.00	A
Uncultivated Ag		213.38	60	4,202.95	A
Uncultivated Non-Ag		1.25	1	5.00	A
Walnut		294.51	106	3,009.30	A
Wheat		3.51	1	70.00	A
Wheat (Forage - Fodder)		5.18	3	146.20	A
Chemical Total		6,330.34	900		
GLYCERYL STEARATE					
Walnut		0.03	1	3.00	A
Chemical Total		0.03	1		
GLYPHOSATE					
Alfalfa		1,603.23	46	1,592.47	A
Almond		304,297.04	2,740	227,484.04	A
Apple		159.24	6	127.13	A
Apricot		31.49	11	27.66	A
Asparagus		141.35	4	135.90	A
Avocado		265.30	78	328.77	A
Cantaloupe		252.76	2	324.00	A
Cherry		1,133.65	58	1,000.66	A
Christmas Tree		1.98	2	4.00	A
Corn (Forage - Fodder)		17,373.27	372	19,646.93	A
Corn, Grain		840.85	18	996.50	A
Corn, Human Consumption		739.09	10	750.90	A
Cotton		2,163.89	25	2,305.10	A
Fig		806.81	13	511.60	A
Grape		8,458.44	248	9,128.04	A
Grape, Wine		17,576.13	472	18,613.19	A
Grapefruit		21.64	1	40.00	A
Landscape Maintenance		945.48			
Lemon		5,154.72	78	3,400.27	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Head		3.12	1	4.00	A
Melon		19.03	3	18.30	A
N-Grnhs Plants In Containers		7.94	1	2.00	A
N-Outdr Plants In Containers		137.06	27	43.50	A
Nectarine		1,636.24	227	1,905.39	A
Olive		2,251.08	47	1,447.92	A
Onion, Dry		268.58	3	303.00	A
Orange		49,737.73	1,442	39,232.04	A
Orchard Floor		2.78	1	3.00	A
Peach		4,318.82	279	3,440.65	A
Persimmon		20.10	8	14.70	A
Pistachio		66,101.89	590	47,243.16	A
Plum		1,611.88	109	1,178.68	A
Pomegranate		36,575.59	237	18,743.28	A
Pomelo		9.92	1	4.00	A
Potato		187.24	15	180.00	A
Prune		2,487.53	23	1,493.73	A
Rangeland		9.92	2	10.00	A
Research Commodity		9.92	3	9.91	A
Rights Of Way		18,444.92			
		220.22	6	88.50	A
Total Pounds On This Commodity	18,665.14				
Soil Fumigation/Preplant		8,318.56	241	9,630.10	A
Squash		28.34	3	35.50	A
Strawberry		85.98	1	86.69	A
Structural Pest Control		27.59			
Tangelo		743.06	32	641.42	A
Tangerine		11,988.06	228	13,526.50	A
Tomato		2,574.50	32	2,248.80	A
Tomato, Processing		12,280.09	122	9,632.40	A
Uncultivated Ag		9,280.20	154	7,896.76	A
Uncultivated Non-Ag		528.26	15	1,267.00	A
Unknown		65,993.35	11	1,350.00	A
Vetch		164.32	2	43.00	A
Walnut		5,232.09	180	5,735.45	A
Wheat		324.19	4	786.00	A
Chemical Total		663,596.45	8,234		
GLYPHOSATE, DIAMMONIUM SALT					
Airport		69.70	2	150.00	A
Alfalfa		710.36	76	4,971.69	A
Almond		13,616.72	276	18,552.94	A
		5.58	1	4.00	U
Total Pounds On This Commodity	13,622.30				
Animal Premise		226.12		40.00	U
Apple		8.25	5	13.25	A
Apricot		2.82	3	24.50	A
Avocado		284.62	83	961.30	A
Barley		849.49	2	129.10	A
Bean, Dried		37.18	2	80.00	A
Bean, Succulent		0.35	1	0.50	A
Beet		0.09	1	0.20	A
Bermudagrass		126.68	34	2,703.68	A
Broccoli		142.96	15	245.30	A
Cauliflower		26.39	2	28.40	A
Celery		69.70	1	50.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherimoya		22.31	2	22.00	A
Cherry		32.31	7	46.50	A
Citrus		1.39	1	10.00	A
Corn (Forage - Fodder)		788.31	32	1,736.88	A
Corn, Grain		53.79	8	115.70	A
Corn, Human Consumption		78.09	7	162.50	A
Cotton		187.35	6	403.12	A
Cucumber		1.76	2	11.60	A
Date		273.91	20	675.48	A
Ditch Bank		23.23	1	25.00	A
Fig		305.30	14	1,107.00	A
Forage Hay/Silage		126.65	32	1,733.80	A
Grape		1,478.16	77	3,202.86	A
Grape, Wine		2,466.23	207	4,320.33	A
Grapefruit		65.90	7	71.00	A
Kiwi		64.11	1	57.00	A
Landscape Maintenance		2,922.15			
		1.52	3	1.31	A
Total Pounds On This Commodity	2,923.67				
Lemon		255.46	26	703.41	A
Lettuce, Head		33.46	3	18.00	A
Lettuce, Leaf		23.23	2	12.50	A
N-Grnhs Flower		121.23	20	131.10	A
N-Grnhs Transplants		27.88	5	125.00	A
N-Outdr Flower		114.85	41	146.25	A
		3.49	7	48,200.00	S
Total Pounds On This Commodity	118.33				
N-Outdr Plants In Containers		2,112.06	657	722.08	A
		6.74	13	163,800.00	S
		0.35	1	8,400.00	U
Total Pounds On This Commodity	2,119.14				
N-Outdr Transplants		2,711.25	75	713.50	A
Nectarine		673.10	88	1,109.24	A
Oat		35.45	9	804.00	A
Olive		445.44	34	1,187.50	A
Onion, Dry		65.47	2	87.30	A
Orange		2,258.42	159	3,182.14	A
Parsley		23.23	1	10.00	A
Peach		521.94	63	859.26	A
Pear		9.82	2	13.00	A
Pecan		7.50	4	40.00	A
Pepper, Fruiting		0.71	1	1.00	A
Persimmon		11.23	2	13.00	A
Pistachio		122.74	7	156.03	A
Plum		362.31	58	632.38	A
Pomegranate		274.95	14	500.66	A
Pomelo		3.25	1	7.00	A
Potato		69.70	1	75.00	A
Prune		400.10	33	682.39	A
Rangeland		3.72	1	5.00	A
Rice		7.50	3	191.00	A
Rights Of Way		4,458.20			
		227.70	45	82.25	A
Total Pounds On This Commodity	4,685.90				
Soil Fumigation/Preplant		566.39	42	1,206.60	A
Squash, Summer		0.35	1	0.50	A
Structural Pest Control		6.00			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangelo		83.65	9	270.00	A
Tangerine		99.21	9	159.50	A
Tomato		209.97	3	308.25	A
Tomato, Processing		1,067.19	19	1,589.00	A
Turf/Sod		338.09	19	557.26	A
Uncultivated Ag		2,137.01	205	3,327.20	A
		0.97		2,000.00	S
Total Pounds On This Commodity	2,137.99				
Uncultivated Non-Ag		304.39	14	383.00	A
Unknown		12.75	2	12.00	A
Vertebrate Control		94.80			
Walnut		800.36	103	1,737.46	A
Watermelon		1.67	1	2.40	A
Wheat		196.08	28	1,863.50	A
Chemical Total		46,380.81	2,764		
GLYPHOSATE, DIMETHYLAMINE SALT					
Forest, Timberland		191.97	3	87.00	A
Landscape Maintenance		1.60			
Regulatory Pest Control		14.08			
Rights Of Way		11,755.93			
Chemical Total		11,963.58	3		
GLYPHOSATE, ISOPROPYLAMINE SALT					
Airport		35.97		4.00	A
Alfalfa		67,667.60	949	46,911.33	A
Almond		1,088,745.93	17,544	964,806.72	A
		322.22	18	553.10	U
Total Pounds On This Commodity	1,089,068.15				
Animal Premise		2,839.80		279.00	U
		219.93			
		63.58		73.00	A
Total Pounds On This Commodity	3,123.31				
Apple		5,367.88	293	5,246.01	A
		0.05	1	4.00	U
Total Pounds On This Commodity	5,367.93				
Apricot		8,352.13	248	4,609.11	A
		0.05	1	100.00	S
Total Pounds On This Commodity	8,352.18				
Artichoke, Globe		10.42	3	16.50	A
Asparagus		12,800.39	141	7,634.45	A
		27.58	1	1.00	U
Total Pounds On This Commodity	12,827.97				
Avocado		43,331.10	3,790	45,824.70	A
		72.93	12	745,000.00	U
Total Pounds On This Commodity	43,404.03				
Barley		783.17	12	755.50	A
Basil, Sweet		5.98	1	4.50	A
Bean, Dried		11,429.54	202	10,479.00	A
Bean, Succulent		1,442.57	15	719.00	A
Bean, Unspecified		181.07	9	161.30	A
Beet		2.34	2	10.10	A
Bermudagrass		26.03	2	20.00	A
Blackberry		19.15	11	8.05	A
Blueberry		1,793.87	106	1,068.09	A
Bok Choy		32.82	12	22.85	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Broccoli		1,333.56	18	532.57	A
Cabbage		243.23	6	72.00	A
Canola (Rape)		19.30	1	60.00	A
Cantaloupe		2,502.48	31	2,940.11	A
Carrot		639.24	11	223.00	A
Cauliflower		44.56	4	23.70	A
Celery		265.63	5	77.00	A
Cherimoya		50.39	18	54.90	A
Cherry		32,563.11	1,046	21,089.18	A
		0.01	1	1.00	U
Total Pounds On This Commodity	32,563.12				
Chestnut		101.15	12	72.23	A
Chicken		27.56		4.00	U
Chinese Cabbage (Nappa)		38.74	6	26.30	A
Christmas Tree		201.13	63	389.31	A
Cilantro		148.01	15	77.80	A
Citrus		1,090.57	109	2,314.06	A
		68.33	14	637,000.00	U
Total Pounds On This Commodity	1,158.90				
Clover		22.15	18	41.20	A
Collard		65.20	2	16.45	A
Commodity Fumigation		19.98			
Corn (Forage - Fodder)		268,993.14	4,589	228,800.88	A
Corn, Grain		15,731.75	467	14,330.79	A
Corn, Human Consumption		11,862.78	196	8,953.15	A
Cotton		113,883.43	1,837	101,900.60	A
Cotton (Forage - Fodder)		495.38	6	332.10	A
Cucumber		1,190.24	27	915.94	A
Daikon		5.79	1	3.00	A
Date		2,216.74	132	4,274.00	A
Ditch Bank		2,510.13	38	501.80	A
		48.82		53.00	U
Total Pounds On This Commodity	2,558.94				
Eggplant		9.64	6	12.58	A
Farm/Ag Building		52.15	3	40.00	A
Fig		3,980.48	121	3,459.25	A
Forage Hay/Silage		211.13	9	205.70	A
Forest, Timberland		46,340.26	754	23,100.34	A
		7.93		3.70	?
Total Pounds On This Commodity	46,348.18				
Fumigation, Other		18.12			
Gai Lon		145.85	6	112.00	A
Garbanzo Bean		1,640.66	19	1,269.20	A
Garlic		4,001.38	18	1,367.90	A
Ginger		0.04	1	0.10	A
Grape		169,092.50	4,555	168,495.47	A
		25.66	2	7.50	U
Total Pounds On This Commodity	169,118.16				
Grape, Wine		377,626.27	11,464	341,301.71	A
		2.06	3	6,400.00	S
Total Pounds On This Commodity	377,628.33				
Grapefruit		6,809.50	584	8,907.17	A
Grass, Seed		48.37	4	33.00	A
Guava		135.49	12	70.85	A
Herb, Spice		38.59	1	20.00	A
Horseradish		67.54	1	70.00	A
Industrial Site		706.00	8	399.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		5.99			
Total Pounds On This Commodity	711.99				
Kale		11.28	2	5.08	A
Kiwi		4,824.77	167	3,850.05	A
Kumquat		0.15	1	1.50	A
Landscape Maintenance		309,538.75			
		2,176.86	190	3,504.33	A
		20.17	19	319,000.00	S
		3.53	8	8.00	U
Total Pounds On This Commodity	311,739.30				
Lemon		74,022.27	2,976	49,561.63	A
		19.98	1	140.00	U
Total Pounds On This Commodity	74,042.25				
Lettuce, Head		2,616.15	126	2,669.99	A
Lettuce, Leaf		912.44	117	1,225.77	A
Lime		132.01	29	200.75	A
Mango		787.70	28	1,240.50	A
Melon		6,221.05	64	4,073.12	A
		13.79	1	1.00	U
Total Pounds On This Commodity	6,234.84				
Mint		158.03	11	268.00	A
Mustard		299.63	7	77.40	A
N-Grnhs Flower		455.45	128	340.39	A
		166.48	25	761,895.00	S
Total Pounds On This Commodity	621.92				
N-Grnhs Plants In Containers		5,528.66	302	514.50	A
		97.00	84	1,659,551.00	S
		56.48	39	320,642.00	U
Total Pounds On This Commodity	5,682.13				
N-Grnhs Transplants		290.31	46	187.59	A
		75.98	36	1,289,225.32	S
Total Pounds On This Commodity	366.29				
N-Outdr Flower		3,337.47	486	1,437.55	A
		126.13	71	928,230.00	S
Total Pounds On This Commodity	3,463.59				
N-Outdr Plants In Containers		50,274.03	7,179	18,682.50	A
		482.96	339	4,644,016.76	S
		84.23	9	5,684.55	U
Total Pounds On This Commodity	50,841.22				
N-Outdr Transplants		4,928.89	366	1,628.19	A
		45.04	12	153,500.00	U
		7.67	2	11,200.00	S
Total Pounds On This Commodity	4,981.60				
Nectarine		87,143.10	2,921	36,099.76	A
Nuts		10.90		10.00	A
Oat		1,950.25	17	2,254.00	A
Oat (Forage - Fodder)		1,089.20	40	632.45	A
Okra		24.00	1	0.25	A
Olive		36,523.13	1,214	38,194.37	A
Onion, Dry		8,149.24	120	6,634.39	A
Onion, Green		17.50	27	42.50	A
Orange		249,171.90	8,359	198,523.90	A
		3.36	1	95.00	U
Total Pounds On This Commodity	249,175.26				
Orchard Floor		36.70	10	35.00	A
Parsley		56.30	1	82.00	A
Pastureland		4,505.65	137	3,240.03	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.13			
Total Pounds On This Commodity	4,505.78				
Peach		72,898.04	4,348	57,372.58	A
		0.05	1	5.00	U
Total Pounds On This Commodity	72,898.09				
Pear		9,177.55	384	8,685.16	A
		0.02	1	2.00	U
Total Pounds On This Commodity	9,177.57				
Peas		0.04	1	0.80	A
Pecan		2,281.13	108	1,560.13	A
Pepper, Fruiting		3,323.78	80	2,290.40	A
Pepper, Spice		35.41	1	17.70	A
Persimmon		2,642.30	239	1,677.21	A
		0.01	1	1.00	U
Total Pounds On This Commodity	2,642.31				
Pistachio		180,275.17	3,344	181,121.52	A
		1.12		3,500.00	S
Total Pounds On This Commodity	180,276.29				
Plum		49,920.66	2,503	39,022.72	A
Pluot		1,574.22	66	982.42	A
Pome Fruit		4.99	1	5.80	A
Pomegranate		7,436.50	206	4,164.70	A
Pomelo		662.69	67	541.40	A
Potato		872.11	25	945.60	A
Prune		45,603.02	1,365	43,647.88	A
Public Health		6,754.89			
		0.26	1	1.00	A
Total Pounds On This Commodity	6,755.15				
Pumpkin		325.70	15	327.00	A
Quince		157.47	16	92.05	A
Radish		9.65	1	5.00	A
Rangeland		2,960.06	166	3,232.51	A
Recreation Area		75.17	6	93.75	A
Regulatory Pest Control		2,659.93			
		540.73		332.71	A
		4.99		500.00	C
Total Pounds On This Commodity	3,205.65				
Research Commodity		608.75			
		217.46	25	204.10	A
Total Pounds On This Commodity	826.22				
Residential		2.30	4	4.00	A
Rice		2,454.50	49	2,825.15	A
Rice, Wild		2,031.46	6	1,030.00	A
Rights Of Way		1,249,899.70			
		16,926.32	494	12,155.37	A
		359.26	18	996.00	U
Total Pounds On This Commodity	1,267,185.28				
Ryegrass		176.12	6	299.00	A
Safflower		3,215.55	55	2,648.20	A
Soil Fumigation/Preplant		57,360.94	713	42,214.95	A
Sorghum/Milo		568.41	8	649.56	A
Soybean		397.76	16	319.00	A
Spinach		333.77	4	203.70	A
Squash		164.31	14	158.25	A
Squash, Summer		72.31	4	24.80	A
Squash, Winter		27.15	1	30.00	A
Stone Fruit		8.21	6	29.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry		503.10	49	489.26	A
Structural Pest Control		7,648.70			
		1,487.17	69	1,623.11	A
Total Pounds On This Commodity	9,135.87				
Sudangrass		773.47	11	470.25	A
Sugarcane		356.53	3	235.00	A
Sunflower		6,648.68	84	5,936.45	A
Sweet Potato		18.96	1	17.00	A
Tangelo		5,891.87	252	4,516.00	A
Tangerine		72,779.41	1,415	51,573.84	A
Timothy		1.00	1	40.00	A
Tomato		6,581.53	114	5,305.23	A
Tomato, Processing		147,023.88	1,171	100,713.30	A
Tropical/Subtropical Fruit		101.05	11	83.00	A
Turf/Sod		1,385.56	68	1,895.32	A
		23.94	11	379,500.00	S
Total Pounds On This Commodity	1,409.50				
Uncultivated Ag		154,009.83	3,222	99,258.13	A
		136.79	63	1,021,350.00	S
		77.43	2	118.25	U
		15.68			
Total Pounds On This Commodity	154,239.73				
Uncultivated Non-Ag		67,876.31	384	11,384.34	A
		258.98	2	102.00	U
		36.95	7	893,500.00	S
		11.79			
Total Pounds On This Commodity	68,184.03				
Unknown		886.37	35	753.28	A
		102.77			
Total Pounds On This Commodity	989.14				
Vegetable		6.23	9	19.00	A
Vertebrate Control		837.27			
		169.78	12	186.34	A
Total Pounds On This Commodity	1,007.05				
Walnut		187,639.51	6,853	171,833.86	A
		521.86	12	480.00	U
Total Pounds On This Commodity	188,161.37				
Water (Industrlial)		80.00	1	27.25	A
Water Area		4,978.10	26	1,627.40	A
		4.64		6.50	U
		2.70	1	1,000.00	S
		2.70			
Total Pounds On This Commodity	4,988.14				
Watermelon		2,196.51	26	1,611.86	A
Wheat		23,467.42	219	15,719.18	A
Wheat (Forage - Fodder)		1,991.28	40	1,739.04	A
Chemical Total		5,590,876.64	103,879		
GLYPHOSATE, MONOAMMONIUM SALT					
Almond		1,473.70	20	688.00	A
Apricot		0.06	1	1.00	A
Avocado		1,495.11	30	2,179.55	A
Corn (Forage - Fodder)		3.72	1	41.70	A
Grape, Wine		614.77	25	617.98	A
Landscape Maintenance		17,027.80			
		57.50	12	480.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	17,085.30				
Lemon		1,383.52	31	2,277.40	A
N-Grnhs Plants In Containers		6.43	3	1.80	A
		2.47	2	5,400.00	S
Total Pounds On This Commodity	8.90				
N-Grnhs Transplants		0.82		0.30	A
N-Outdr Flower		1.28	2	10.10	A
N-Outdr Plants In Containers		140.60	114	125.19	A
N-Outdr Transplants		0.37		1.00	A
Nectarine		0.12	1	2.00	A
Orange		16.39	1	9.00	A
Peach		0.12	1	2.00	A
Pecan		4.57	4	6.40	A
Plum		4.76	2	6.50	A
Research Commodity		2.41			
Rights Of Way		1,484.49			
		0.17	1	0.50	A
Total Pounds On This Commodity	1,484.66				
Structural Pest Control		116.20			
Tomato, Processing		0.12	1	63.00	A
Turf/Sod		7.23	1	32.00	A
Unknown		6.60	3	46,800.00	S
		5.13	3	13.00	A
Total Pounds On This Commodity	11.73				
Walnut		4.57	4	20.00	A
Chemical Total		23,860.99	263		
GLYPHOSATE, POTASSIUM SALT					
Airport		63.46	2	150.00	A
Alfalfa		10,788.30	163	7,099.60	A
Almond		123,512.33	2,061	87,819.97	A
		10.35	2	11.00	U
Total Pounds On This Commodity	123,522.67				
Animal Premise		472.47		56.00	U
		12.09	1	7.00	A
Total Pounds On This Commodity	484.55				
Apple		693.37	56	716.77	A
Apricot		126.69	19	121.24	A
Artichoke, Globe		13.13	2	9.50	A
Asparagus		5.48	1	5.30	A
Avocado		21,679.90	1,790	16,271.97	A
		2.16	6	6.00	U
Total Pounds On This Commodity	21,682.06				
Barley		353.28	3	260.00	A
Bean, Dried		837.27	6	378.00	A
Bean, Succulent		105.00	9	166.20	A
Bermudagrass		5.52	1	2.00	A
Blackberry		1.44	2	0.35	A
Blueberry		528.83	33	306.20	A
Broccoli		179.82	17	263.30	A
Cabbage		0.04	1	0.10	A
Cantaloupe		112.48	4	408.70	A
Carrot		176.59	1	79.00	A
Cauliflower		24.03	2	28.40	A
Celery		63.46	1	50.00	A
Cherimoya		26.00	6	25.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherry		3,483.21	88	1,842.66	A
Christmas Tree		43.66	10	49.00	A
Cilantro		5.52	1	2.00	A
Citrus		322.03	23	164.55	A
Corn (Forage - Fodder)		51,634.82	710	43,861.01	A
Corn, Grain		2,046.44	37	1,649.09	A
Corn, Human Consumption		1,272.04	66	1,234.12	A
Cotton		83,642.67	707	77,749.11	A
Cucumber		1.60	2	11.60	A
Date		359.70	22	715.48	A
Ditch Bank		149.05	5	324.80	A
Eggplant		0.17	1	0.30	A
Fig		15,750.42	94	8,376.50	A
Forage Hay/Silage		25.50	4	45.75	A
Fumigation, Other		10.89			
Gai Lon		111.20	4	90.00	A
Garlic		639.30	3	463.00	A
Grape		33,114.24	837	21,907.00	A
Grape, Wine		111,866.59	4,529	85,742.18	A
Grapefruit		3,972.64	136	1,856.55	A
Guava		0.09	1	0.05	A
Industrial Site		203.17	3	66.00	A
Kiwi		245.38	31	210.45	A
Landscape Maintenance		2,193.41			
		39.04	3	37.31	A
		5.39	1	10.00	U
Total Pounds On This Commodity	2,237.83				
Lemon		29,526.06	957	18,035.60	A
Lettuce, Head		1,185.16	18	256.90	A
Lettuce, Leaf		21.15	2	12.50	A
Lime		41.38	4	20.00	A
Melon		113.64	2	72.26	A
Mustard		0.91	5	1.00	A
N-Grnhs Plants In Containers		235.09	29	29.29	A
N-Grnhs Transplants		25.38	5	125.00	A
		0.24	2	8,000.00	S
Total Pounds On This Commodity	25.62				
N-Outdr Flower		57.21	37	106.05	A
		3.17	7	48,200.00	S
Total Pounds On This Commodity	60.38				
N-Outdr Plants In Containers		1,959.63	273	1,423.33	A
		234.84	3	8,530.00	U
		6.13	13	163,800.00	S
Total Pounds On This Commodity	2,200.61				
N-Outdr Transplants		171.36	11	105.70	A
Nectarine		2,939.94	179	1,627.64	A
Oat		19.31	2	32.00	A
Olive		4,722.93	182	4,131.11	A
Onion, Dry		521.50	7	361.25	A
Orange		61,780.94	2,162	65,798.33	A
		1.38	2	180.00	U
Total Pounds On This Commodity	61,782.32				
Parsley		323.28	7	119.30	A
Pastureland		97.11	13	143.00	A
Peach		7,678.24	403	4,875.06	A
Pear		474.81	19	536.63	A
Pecan		215.33	16	169.20	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Fruiting		335.88	8	251.90	A
Persimmon		256.38	41	156.54	A
Pistachio		24,999.75	469	17,565.81	A
Plum		3,070.82	175	1,950.70	A
Pluot		5.52	2	4.00	A
Pomegranate		1,800.92	72	1,349.32	A
Pomelo		4.05	2	8.40	A
Potato		273.91	7	282.80	A
Prune		6,636.86	221	5,202.22	A
Pumpkin		9.70	7	11.75	A
Quince		37.24	6	18.00	A
Rangeland		190.60	21	464.00	A
Regulatory Pest Control		71.23			
Research Commodity		356.14			
		11.04	1	5.00	A
Total Pounds On This Commodity	367.17				
Rice		439.78	7	399.00	A
Rights Of Way		49,870.65			
		2,716.90	97	2,104.25	A
Total Pounds On This Commodity	52,587.55				
Ryegrass		71.74	1	87.70	A
Safflower		765.06	9	760.00	A
Soil Fumigation/Preplant		4,657.29	106	4,740.69	A
Sorghum/Milo		209.81	5	208.90	A
Squash, Summer		0.32	1	0.50	A
Stone Fruit		1.38	1	4.00	A
Strawberry		372.00	35	182.57	A
Structural Pest Control		1,202.07	34	692.76	A
		52.83			
Total Pounds On This Commodity	1,254.89				
Sugarcane		27.59	1	20.00	A
Sunflower		1,315.27	16	1,021.00	A
Sweet Potato		109.59	12	99.30	A
Tangelo		3,461.86	88	2,359.43	A
Tangerine		25,523.73	335	15,845.69	A
Tomato		1,860.22	17	1,045.55	A
Tomato, Processing		14,059.24	149	11,516.30	A
Turf/Sod		57.77	22	167.25	A
Uncultivated Ag		37,890.21	1,067	26,797.78	A
		71.72		2.00	U
		2.59		13,000.00	S
Total Pounds On This Commodity	37,964.51				
Uncultivated Non-Ag		1,046.44	38	904.28	A
		52.41		12.00	U
		5.52			
Total Pounds On This Commodity	1,104.37				
Unknown		1.12	3	1.00	A
Vertebrate Control		133.31	13	105.38	A
		108.38			
Total Pounds On This Commodity	241.68				
Walnut		37,183.34	1,088	31,870.93	A
Watercress		1.38	1	1.00	A
Watermelon		65.31	4	48.60	A
Wheat		1,369.39	15	868.20	A
Wheat (Forage - Fodder)		607.21	12	397.50	A
Chemical Total		806,661.19	20,076		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
GLYPHOSATE-TRIMESIUM					
Almond		353.91	6	355.00	A
Landscape Maintenance		321.28			
Prune		30.12	2	40.00	A
Rights Of Way		50.20			
Soil Fumigation/Preplant		1,014.19	10	933.80	A
Unknown		110.96	1	37.00	A
Walnut		272.79	18	657.00	A
Chemical Total		2,153.44	37		
HALOSULFURON-METHYL					
Alfalfa		173.98	53	1,312.40	A
Almond		14.48	3	309.00	A
Asparagus		42.72	20	817.57	A
Bean, Dried		3.09	2	110.00	A
Bean, Succulent		0.23	1	10.00	A
Bermudagrass		1.87	2	46.00	A
Cantaloupe		21.56	16	909.60	A
Corn (Forage - Fodder)		1,307.96	674	28,870.68	A
Corn, Human Consumption		22.05	15	497.87	A
Cucumber		9.62	2	230.00	A
Landscape Maintenance		888.28			
		< 0.01	1	2.00	A
Total Pounds On This Commodity	888.28				
Melon		1.75	4	99.10	A
N-Grnhs Flower		< 0.01	3	0.10	A
N-Grnhs Plants In Containers		1.19	2	0.12	A
N-Outdr Flower		0.32	7	5.84	A
N-Outdr Plants In Containers		12.35	153	332.98	A
		0.40	2	8,600.00	S
		< 0.01	1	2.00	U
Total Pounds On This Commodity	12.75				
N-Outdr Transplants		1.97	7	42.00	A
Pepper, Fruiting		4.32	8	147.00	A
Pistachio		36.54	12	2,053.50	A
Pumpkin		4.02	13	121.80	A
Regulatory Pest Control		32.40		0.25	A
		0.11			
Total Pounds On This Commodity	32.51				
Research Commodity		< 0.01			
Rice		193.39	78	4,303.59	A
Rights Of Way		10.93			
Soil Fumigation/Preplant		25.19	12	562.70	A
Sorghum/Milo		28.80	12	719.42	A
Structural Pest Control		1.72			
Tomato		14.57	13	419.70	A
Tomato, Processing		196.53	196	7,572.76	A
Turf/Sod		42.34	56	860.44	A
		0.05		5,000.00	S
Total Pounds On This Commodity	42.39				
Uncultivated Ag		177.29	36	2,343.62	A
Unknown		0.05	2	2.00	A
Vertebrate Control		< 0.01			
Walnut		26.50	38	1,448.80	A
Watermelon		3.98	2	79.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	3,302.60	1,446		
HARPIN PROTEIN				
N-Grnhs Transplants	0.07	3	8.00	A
N-Outdr Plants In Containers	0.13	12	9.89	A
Strawberry	3.04	23	462.00	A
Tomato	10.91	32	1,081.88	A
Chemical Total	14.15	70		
HEPTAMETHYLTRISILOXANE ETHOXYLATED				
Alfalfa	136.44	68	3,834.60	A
Almond	3,982.19	382	41,132.46	A
Apple	43.61	6	397.00	A
Apricot	8.75	6	310.00	A
Barley	5.18	3	168.00	A
Bean, Dried	41.72	5	440.00	A
Bean, Succulent	1.27	1	30.00	A
Bermudagrass	12.30	7	456.00	A
Blueberry	201.56	1	80.00	A
Bok Choy	0.33	3	5.30	A
Broccoli	47.80	165	2,174.79	A
Brussels Sprout	0.80	2	6.20	A
Carrot	4.92	2	70.00	A
Cauliflower	5.65	33	299.40	A
Celery	68.21	219	1,678.80	A
Cherry	120.76	24	1,187.10	A
Chinese Cabbage (Nappa)	2.63	6	40.40	A
Corn (Forage - Fodder)	333.26	54	2,767.10	A
Corn, Human Consumption	23.15	11	488.00	A
Cotton	16.58	2	362.00	A
Cucumber	129.58	76	992.50	A
Eggplant	19.16	13	155.00	A
Endive (Escarole)	0.42	2	3.00	A
Garlic	62.36	62	1,849.40	A
Grape	609.99	133	8,646.66	A
Grape, Wine	1,558.59	289	16,333.62	A
Kale	0.18	7	20.50	A
Landscape Maintenance	43.65			
Lemon	66.64	6	338.50	A
Lettuce, Head	122.38	252	4,279.97	A
Lettuce, Leaf	130.08	351	4,560.11	A
N-Outdr Plants In Containers	0.84	1	35.00	A
N-Outdr Transplants	4.11	5	69.00	A
Nectarine	17.76	2	77.00	A
Oat	2.46	1	75.00	A
Onion, Dry	17.32	41	718.50	A
Peach	74.81	22	582.00	A
Pear	150.90	30	1,121.80	A
Pepper, Fruiting	62.75	35	877.40	A
Pistachio	262.09	43	2,284.00	A
Plum	16.73	4	253.00	A
Pomegranate	25.89	3	283.00	A
Potato	281.23	19	1,265.00	A
Prune	3.99	4	103.70	A
Pumpkin	61.50	23	1,225.00	A
Raspberry	19.40	18	213.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rice		1,589.91	43	2,242.79	A
Spinach		0.11	1	10.40	A
Squash		3.28	2	25.00	A
Squash, Winter		6.41	3	152.00	A
Strawberry		1,609.84	180	7,990.78	A
Sudangrass		2.95	3	96.00	A
Sunflower		1.36	2	35.50	A
Tangerine		1.61	1	24.50	A
Tomato		97.58	42	1,400.30	A
Tomato, Processing		1,047.95	182	17,870.60	A
Walnut		22.74	30	1,996.80	A
Watermelon		38.75	12	682.50	A
Wheat		82.76	33	2,820.00	A
Chemical Total		13,307.20	2,976		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED					
Alfalfa		44.01	197	8,609.40	A
Almond		232.12	384	18,607.19	A
Apple		7.09	20	261.67	A
Apricot		0.12	14	16.62	A
Bean, Dried		1.16	6	213.00	A
Broccoli		49.41	59	603.65	A
Canola (Rape)		0.19	1	23.00	A
Carrot		0.56	5	70.10	A
Cauliflower		21.16	31	228.70	A
Celery		2.10	34	341.39	A
Cherry		23.28	78	1,531.29	A
Chestnut		< 0.01	3	0.27	A
Corn (Forage - Fodder)		36.65	145	5,503.20	A
Corn, Human Consumption		19.39	194	7,822.00	A
Cotton		0.10	2	76.00	A
Cucumber		0.01	1	12.00	A
Grape		9.11	41	1,081.34	A
Grape, Wine		98.03	189	15,852.86	A
Greenhouse Fumigation		0.03	3	1.50	A
Industrial Site		0.02		5.50	A
Kiwi		0.04	1	8.00	A
Landscape Maintenance		0.04			
Lemon		0.84	3	15.00	A
Lettuce, Head		8.99	133	1,535.43	A
Lettuce, Leaf		0.99	7	142.10	A
Melon		0.26	3	57.25	A
N-Grnhs Plants In Containers		0.01	6	6.00	A
N-Outdr Plants In Containers		3.52	2	33.50	U
		1.43	6	69.08	A
Total Pounds On This Commodity	4.96				
N-Outdr Transplants		10.64	48	1,610.46	A
Nectarine		0.52	27	104.96	A
Oat (Forage - Fodder)		0.43	2	61.00	A
Olive		1.15	10	279.00	A
Onion, Dry		12.24	22	1,819.00	A
Orange		19.18	31	559.30	A
Pastureland		1.73	3	39.00	A
Peach		24.46	124	1,415.23	A
Pear		0.03	5	6.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pecan		0.22	1	30.00	A
Pepper, Fruiting		0.22	2	51.00	A
Persimmon		< 0.01	3	0.63	A
Pistachio		0.19	5	46.00	A
Plum		0.64	31	133.54	A
Pomegranate		0.23	1	25.00	A
Prune		3.38	4	201.00	A
Quince		< 0.01	1	0.05	A
Rice		5.68	13	982.00	A
Rights Of Way		0.33			
		0.19	1	50.00	A
Total Pounds On This Commodity	0.51				
Soil Fumigation/Preplant		0.75	1	200.00	A
Sorghum (Forage - Fodder)		0.05	1	20.00	A
Sorghum/Milo		0.15	2	64.30	A
Strawberry		0.32	4	260.00	A
Sugarbeet		2.81	6	281.00	A
Sunflower		0.96	1	170.00	A
Sweet Potato		0.50	3	50.00	A
Tangerine		0.19	2	19.30	A
Tomato		0.21	4	181.00	A
Tomato, Processing		6.39	54	1,753.14	A
Turf/Sod		0.07	1	15.00	A
Uncultivated Ag		9.89	17	389.50	A
Uncultivated Non-Ag		0.04	1	15.00	A
Walnut		107.49	162	5,889.72	A
Watermelon		0.48	3	86.00	A
Wheat		34.02	72	4,441.00	A
Chemical Total		806.46	2,236		
HEXACHLOROPHENE, SODIUM SALT					
N-Outdr Flower		0.01	1	8.00	A
Chemical Total		0.01	1		
(Z,E)-7,11-HEXADECADIEN-1-YL ACETATE					
Pear		2.70	4	81.00	A
Chemical Total		2.70	4		
(Z,Z)-7,11-HEXADECADIEN-1-YL ACETATE					
Pear		2.70	4	81.00	A
Chemical Total		2.70	4		
(Z)-11-HEXADECEN-1-YL ACETATE					
Grape, Wine		680.82	7	1,321.61	A
Watermelon		0.66	2	300.00	A
Chemical Total		681.48	9		
HEXAFLUMURON					
Structural Pest Control		0.02			
Chemical Total		0.02			
HEXAHYDRIC ALCOHOL					
Alfalfa		228.00	32	1,440.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond		0.56	2	15.00	A
Walnut		0.42	1	10.00	A
Chemical Total		228.98	35		
HEXAZINONE					
Alfalfa		62,723.16	2,160	124,568.28	A
Almond		27.64	1	55.00	A
Carrot		59.22	1	35.00	A
Christmas Tree		2.54	3	23.50	A
Forest, Timberland		40,013.35	319	15,410.70	A
Landscape Maintenance		195.87			
N-Outdr Plants In Containers		5.00	1	25.00	A
Research Commodity		9.40			
Rights Of Way		8,257.11			
		12.22	1	16.00	A
Total Pounds On This Commodity	8,269.33				
Strawberry		2.04	4	0.48	A
Structural Pest Control		0.65			
Uncultivated Non-Ag		1.50	2	19.00	A
Chemical Total		111,309.71	2,492		
HEXYTHIAZOX					
Alfalfa		5.11	1	51.00	A
Almond		10,670.83	806	67,480.44	A
Apple		27.27	6	175.30	A
Apricot		39.54	9	334.60	A
Blackberry		2.83	6	16.60	A
Cherry		1,321.85	275	7,832.52	A
Christmas Tree		1.42	5	44.00	A
Citrus		1.53	1	10.00	A
Corn (Forage - Fodder)		1,517.16	224	11,858.79	A
Corn, Grain		15.28	1	139.60	A
Corn, Human Consumption		126.33	34	1,213.29	A
Cotton		19.72	2	182.00	A
Date		206.16	63	1,156.02	A
Grape		165.71	34	1,110.75	A
Grape, Wine		1,265.65	186	8,206.37	A
Grapefruit		0.32	1	1.70	A
Landscape Maintenance		2.18			
Lemon		104.91	13	649.64	A
Mint		6.71	1	70.00	A
N-Grnhs Flower		59.82	267	447.38	A
		0.84	20	520,804.00	S
Total Pounds On This Commodity	60.66				
N-Grnhs Plants In Containers		18.25	103	140.26	A
		9.72	117	3,023,915.00	S
		0.25	3	70,000.00	U
Total Pounds On This Commodity	28.22				
N-Grnhs Transplants		2.82	10	528,500.00	S
		1.32	23	27.77	A
Total Pounds On This Commodity	4.14				
N-Outdr Flower		11.01	41	81.26	A
		0.47	16	319,632.00	S
Total Pounds On This Commodity	11.48				
N-Outdr Plants In Containers		107.69	203	871.36	A
		2.06	19	446,400.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		< 0.01	1	3,000.00	U
Total Pounds On This Commodity	109.75				
N-Outdr Transplants		4.80	15	78.18	A
Nectarine		1,384.85	451	7,386.99	A
Orange		1,264.88	167	8,164.11	A
Peach		2,213.22	733	13,340.71	A
Pear		3.51	1	22.00	A
Plum		300.11	116	1,856.47	A
Pluot		0.50	1	3.50	A
Prune		286.85	53	2,229.80	A
Raspberry		226.96	135	1,212.72	A
Research Commodity		23.61			
Rights Of Way		15.97			
Strawberry		2,287.30	353	10,868.97	A
Tangelo		5.17	2	32.39	A
Tangerine		1,552.74	108	9,895.78	A
Unknown		1.16	8	6.50	A
Vertebrate Control		6.44	1	155.00	A
Walnut		2,719.27	422	17,952.83	A
Wheat		10.22	2	160.00	A
Chemical Total		28,022.33	5,059		
HYDRAMETHYLNON					
Almond		0.34	4	93.00	A
Household		0.01		3.00	A
Landscape Maintenance		10.00			
		0.03	2	110.00	A
Total Pounds On This Commodity	10.03				
N-Grnhs Flower		0.11	2	5.25	A
N-Grnhs Plants In Containers		0.41	3	37.00	A
		0.01	1	3,000.00	S
Total Pounds On This Commodity	0.42				
N-Outdr Flower		0.35	4	32.05	A
N-Outdr Plants In Containers		11.47	124	949.10	A
		0.08	3	42,150.00	S
Total Pounds On This Commodity	11.55				
Public Health		84.63			
Regulatory Pest Control		0.05			
Rights Of Way		0.15			
Structural Pest Control		260.49			
		0.03	1	10.00	A
Total Pounds On This Commodity	260.52				
Chemical Total		368.15	144		
HYDROGEN CHLORIDE					
Blueberry		1,346.00	5	261.00	A
Celery		3.13	1	18.00	A
Grape		21,441.56	18	1,227.37	A
Kiwi		13,049.66	4	745.00	A
Landscape Maintenance		2,375.57			
Raspberry		1,595.45	1	21.00	A
Rights Of Way		0.03	2	0.10	A
Strawberry		1.82	1	10.00	A
Chemical Total		39,813.21	32		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
HYDROGEN CYANAMIDE					
Blueberry		736.27	10	85.83	A
Cherry		106,918.36	261	6,688.25	A
Fig		8,176.39		463.00	U
Grape		91,664.86	123	5,738.76	A
Kiwi		4,929.48	15	338.50	A
Chemical Total		212,425.37	409		
HYDROGEN PEROXIDE					
Almond		0.12	1	12.00	U
Apricot		23.11	3	9.75	A
Arrugula		2.12	1	1.00	A
Bean, Succulent		19.72	1	8.00	A
Beet		87.86	5	69.73	A
Blueberry		2.46	1	2.50	A
Broccoli		226.74	25	100.40	A
Carrot		1,340.87	8	544.06	A
Cauliflower		81.28	5	48.00	A
Celery		507.40	51	299.97	A
Cilantro		13.95	4	7.52	A
Commodity Fumigation		3.88			
Corn Salad		36.14	8	26.20	A
Cucumber		22.18	2	2.75	A
Ditch Bank		1,084.79	16	1,275.00	A
Endive (Escarole)		48.06	14	26.00	A
Farm/Ag Building		0.22		32,000.00	S
Fumigation, Other		19.34			
Garlic		169.48	8	229.00	A
Grape		46.83	1	38.00	A
Grape, Wine		697.75	30	967.00	A
Herb, Spice		14.37	5	6.61	A
Industrial Site		0.21		31,500.00	S
Kale		20.93	12	28.15	A
Landscape Maintenance		226.30			
		154.87	6	18.00	A
Total Pounds On This Commodity	381.17				
Lettuce, Head		505.93	67	317.65	A
Lettuce, Leaf		1,956.35	267	1,305.99	A
N-Grnhs Flower		9.84	7	4.70	A
		7.88	10	22,552.00	S
Total Pounds On This Commodity	17.71				
N-Grnhs Plants In Containers		309.65	109	188.96	A
		35.31	24	240,136.00	S
		4.62	5	5,000.00	U
Total Pounds On This Commodity	349.59				
N-Grnhs Transplants		333.95	113	158.03	A
		43.77	46	211,220.00	S
Total Pounds On This Commodity	377.71				
N-Outdr Flower		266.01	22	117.00	A
N-Outdr Plants In Containers		249.26	74	72.71	A
		2.19	4	13,500.00	S
Total Pounds On This Commodity	251.45				
N-Outdr Transplants		78.95	92	86.26	A
		78.87	11	220,200.00	S
Total Pounds On This Commodity	157.82				
Nectarine		3.08	2	2.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry		150.95	13	109.80	A
Parsley		13.38	5	15.58	A
Peach		5.84	1	4.75	A
Pepper, Fruiting		215.99	16	370.00	A
Potato		187.31	2	76.00	A
Raspberry		16.02	1	6.50	A
Research Commodity		0.93			
Rights Of Way		0.24			
Soil Fumigation/Preplant		24.81	1	2.00	A
Spinach		2,138.54	180	1,219.84	A
Squash, Summer		9.86	4	8.00	A
Strawberry		2,681.54	56	1,605.39	A
Structural Pest Control		62.60			
Swiss Chard		10.70	5	8.69	A
Tarragon		2.46	1	0.79	A
Tomato		5,804.61	52	3,900.10	A
Tomato, Processing		301.80	18	1,011.20	A
		139.25		17,300.00	U
Total Pounds On This Commodity	441.05				
Turf/Sod		333.99	9	1,262,000.00	S
Unknown		37.11	2	6.00	A
		2.75		2,624.00	T
Total Pounds On This Commodity	39.86				
Vegetable		1.54	2	0.24	A
Vertebrate Control		160.20	2	130.00	A
Water Area		354.11		338,412.03	T
Watermelon		2.38		40.39	K
Chemical Total		21,395.53	1,430		
HYDROPRENE					
Landscape Maintenance		1.59			
		0.03	2	82.00	A
Total Pounds On This Commodity	< 0.01				
Regulatory Pest Control		0.07			
Rights Of Way		0.70			
Structural Pest Control		1,639.41			
Chemical Total		1,641.81	2		
HYDROTREATED PARAFFINIC SOLVENT					
Alfalfa		49,056.81	830	46,471.13	A
Almond		22,225.70	555	31,498.23	A
Apple		75.62	6	117.50	A
Apricot		3.83	1	10.00	A
Asparagus		48.49	3	31.50	A
Avocado		109.52	2	75.00	A
Barley		497.51	4	650.00	A
Bean, Dried		663.92	10	485.00	A
Bean, Succulent		163.06	1	106.00	A
Bean, Unspecified		708.60	4	404.00	A
Bermudagrass		30.77	1	37.00	A
Blueberry		0.61	1	3.18	A
Broccoli		131.68	4	130.00	A
Cantaloupe		270.89	8	726.00	A
Carrot		76.92	1	50.00	A
Cherry		146.45	12	132.60	A
Citrus		49.59	4	60.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Clover		416.28	9	272.37	A
Corn (Forage - Fodder)		5,569.97	175	7,502.21	A
Corn, Grain		18.25	2	40.00	A
Corn, Human Consumption		243.88	7	474.90	A
Cotton		12,046.97	164	11,103.60	A
Cucumber		415.52	8	357.70	A
Fig		38.49	10	110.32	A
Forest, Timberland		110.08	10	203.20	A
Garlic		4,181.95	28	4,040.20	A
Grape		2,850.21	122	3,892.19	A
Grape, Wine		3,722.19	245	12,050.18	A
Landscape Maintenance		30.80			
Lemon		644.93	2	190.00	A
Melon		124.47	12	272.79	A
N-Outdr Plants In Containers		136.91	3	89.00	A
Nectarine		1,227.82	326	2,429.08	A
Oat		259.98	4	338.00	A
Olive		233.16	13	546.70	A
Onion, Dry		1,095.82	20	802.70	A
Orange		778.64	14	221.24	A
Pastureland		76.92	5	100.00	A
Peach		1,064.08	331	1,892.01	A
Pear		< 0.01	66	3,185.60	A
Pecan		24.61	1	16.00	A
Persimmon		18.25	4	26.00	A
Pistachio		2,654.06	94	5,824.43	A
Plum		918.25	222	1,357.11	A
Pomegranate		1,191.55	16	945.18	A
Potato		296.90	2	193.00	A
Prune		803.26	52	1,677.78	A
Public Health		39.55			
Pumpkin		2.20	1	10.00	A
Rangeland		372.24	2	573.00	A
Rice		103,788.35	970	63,959.62	A
Rights Of Way		2,805.31			
		0.37	1	2.00	A
Total Pounds On This Commodity	2,805.68				
Soil Fumigation/Preplant		378.87	11	590.00	A
Sorghum/Milo		89.84	1	29.20	A
Spinach		68.45	2	90.00	A
Squash		9.43	3	49.00	A
Sudangrass		576.14	14	749.00	A
Sunflower		104.61	1	85.00	A
Sweet Potato		43.76	2	33.00	A
Tangerine		1,606.27	52	997.69	A
Tomato		926.84	15	292.56	A
Tomato, Processing		5,744.10	186	10,763.20	A
Uncultivated Ag		442.73	6	419.67	A
Uncultivated Non-Ag		113.57	5	263.00	A
Walnut		1,807.59	138	3,437.22	A
Watermelon		142.34	4	100.75	A
Wheat		33.11	1	43.00	A
Wheat (Forage - Fodder)		26.34	4	40.65	A
Chemical Total		234,443.51	4,833		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE					
Alfalfa		1,989.55	678	37,302.30	A
Almond		31,554.22	3,581	263,332.20	A
Apple		3.96	5	36.65	A
Apricot		5.80	3	110.00	A
Artichoke, Globe		15.60	21	243.40	A
Asparagus		13.91	10	292.10	A
Avocado		29.70	5	272.00	A
Basil, Sweet		0.57	3	9.25	A
Bean, Dried		54.29	26	1,434.20	A
Bean, Succulent		7.42	8	248.49	A
Beet		1.61	6	6.00	A
Bermudagrass		32.25	9	419.80	A
Blackberry		0.82	1	1.00	A
Blueberry		12.61	8	122.00	A
Bok Choy		1.83	37	49.79	A
Broccoli		217.84	291	4,039.93	A
Cabbage		182.75	101	1,198.28	A
Cantaloupe		12.66	1	35.00	A
Carrot		45.66	16	253.30	A
Cauliflower		179.11	282	3,279.40	A
Celery		409.70	507	5,543.80	A
Cherry		937.23	176	3,698.47	A
Chestnut		2.97	2	15.00	A
Chicory		7.95	14	214.90	A
Chinese Cabbage (Nappa)		12.04	44	204.39	A
Citrus		9.30	4	85.00	A
Clover		2.91	1	36.00	A
Corn (Forage - Fodder)		360.22	113	5,449.97	A
Corn, Grain		3.61	1	90.60	A
Corn, Human Consumption		249.49	123	4,443.70	A
Cotton		270.82	32	1,318.20	A
Cucumber		4.82	3	161.50	A
Ditch Bank		72.86	1	100.00	A
Eggplant		12.58	9	92.00	A
Endive (Escarole)		6.74	61	218.18	A
Fennel		1.22	7	21.80	A
Forage Hay/Silage		46.15	3	190.00	A
Forest, Timberland		67.08	7	338.00	A
Garlic		40.06	27	881.30	A
Grape		1,900.86	353	13,775.58	A
Grape, Wine		17,527.25	3,439	115,419.07	A
Grapefruit		19.42	9	199.75	A
Kale		26.63	74	731.37	A
Landscape Maintenance		40.54			
Lemon		433.18	36	1,598.00	A
Lettuce, Head		870.41	1,452	21,168.52	A
Lettuce, Leaf		799.41	1,812	18,565.31	A
Lime		2.49	2	26.40	A
Melon		3.79	3	182.00	A
N-Grnhs Flower		0.07	2	0.50	A
		0.03	1	1,800.00	S
Total Pounds On This Commodity	0.11				
N-Grnhs Plants In Containers		0.79	3	54,800.00	S
N-Outdr Plants In Containers		37.00	50	697.55	A
		0.99	2	54,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	37.99				
Nectarine		880.01	380	4,779.17	A
Oat		15.19	11	214.80	A
Oat (Forage - Fodder)		7.29	3	150.00	A
Olive		37.32	10	357.89	A
Onion, Dry		178.71	82	1,840.05	A
Onion, Green		8.59	19	96.00	A
Orange		15,704.16	380	11,411.93	A
Parsley		0.51	1	3.60	A
Peach		1,879.60	619	8,891.15	A
		2.92	2	36.90	U
Total Pounds On This Commodity	1,882.52				
Pear		2.46	2	17.00	A
Peas		2.50	3	61.80	A
Pecan		167.08	17	970.75	A
Pepper, Fruiting		494.79	199	4,740.64	A
Pistachio		2,497.06	187	10,567.26	A
Plum		288.99	99	1,475.92	A
Pomegranate		4.06	2	41.38	A
Potato		409.59	7	407.20	A
Prune		928.34	105	5,939.80	A
Pumpkin		8.10	13	303.00	A
Radicchio		15.96	7	150.78	A
Radish		2.61	2	43.00	A
Rangeland		16.83		990.00	A
Raspberry		3.96	1	5.00	A
Regulatory Pest Control		3.90		64.80	A
Research Commodity		0.06			
Rice		2,884.75	1,060	58,354.66	A
Rights Of Way		1,242.49			
Soil Fumigation/Preplant		25.90	6	321.00	A
Sorghum (Forage - Fodder)		858.30	11	547.00	A
Spinach		6.53	10	95.50	A
Squash		3.30	3	60.00	A
Squash, Winter		0.37	1	10.00	A
Squash, Zucchini		0.14	1	4.23	A
Strawberry		625.14	121	2,826.00	A
Structural Pest Control		1.83			
Sunflower		183.25	67	3,971.09	A
Swiss Chard		8.02	32	228.08	A
Tangelo		898.25	42	913.45	A
Tangerine		424.26	42	975.61	A
Tomato		58.64	25	899.50	A
Tomato, Processing		2,176.75	586	33,398.20	A
Turf/Sod		2.97	1	10.00	A
Turnip		1.38	5	57.76	A
Uncultivated Ag		73.84	71	1,903.56	A
Walnut		9,882.18	1,735	53,436.85	A
Watermelon		145.18	26	641.71	A
Wheat		34.09	10	453.00	A
Wheat (Forage - Fodder)		3.54	5	289.00	A
Chemical Total		101,644.43	19,476		
IBA					
Landscape Maintenance		< 0.01			
N-Grnhs Flower		0.56	243	307,056.90	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.44	32	250,420.00	S
		< 0.01	16	2.19	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		1.75	292	727,509.00	S
		0.68	59	44.26	A
		0.09	2	38,711.00	U
Total Pounds On This Commodity	2.52				
N-Grnhs Transplants		0.34	52	1,364,828.00	S
		0.16	24	224,059.00	U
Total Pounds On This Commodity	0.50				
N-Outdr Plants In Containers		2.00	206	31.81	A
		0.10	44	33,395.00	S
		0.01	48	31,057.00	U
		< 0.01			
Total Pounds On This Commodity	2.12				
N-Outdr Transplants		0.10	91	2,008.00	U
		< 0.01	2	15.00	A
Total Pounds On This Commodity	0.10				
Sage		0.02	52	2.60	A
Chemical Total		6.28	1,163		
IMAZALIL					
Citrus		773.36		209,258.27	T
		161.19		2,265,988.78	U
Total Pounds On This Commodity	< 0.01				
Commodity Fumigation		83.67			
Grapefruit		89.82		11,755.18	T
		2.23		506,556.00	P
Total Pounds On This Commodity	92.05				
Landscape Maintenance		52.99			
Lemon		1,071.55		103,924.25	T
		119.52		10,974.20	U
		3.39		785,194.00	P
Total Pounds On This Commodity	1,194.46				
Lime		0.04		4.91	T
Orange		9,490.04		1,067,966.09	T
		242.54		20,212.92	U
		175.69		2,637,424.45	P
		1.60		18,545.00	C
Total Pounds On This Commodity	9,909.86				
Public Health		442.68			
Regulatory Pest Control		85.30			
Structural Pest Control		10.48			
Tangelo		0.72		333,944.00	P
		0.68		70.43	T
Total Pounds On This Commodity	1.40				
Tangerine		64.70		5,892.75	T
Vertebrate Control		31.36			
Chemical Total		12,903.53			
IMAZALIL SULFATE					
Citrus		251.33		80,729.73	T
		13.40		117,719.00	U
Total Pounds On This Commodity	< 0.01				
Grapefruit		5.00		1,148.00	T
Lemon		25.30		7,496.00	T

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange		171.29		59,637.00	T
Chemical Total		466.32			
IMAZAMOX, AMMONIUM SALT					
Alfalfa		3,619.10	1,548	86,894.79	A
Clover		28.26	27	561.20	A
Regulatory Pest Control		< 0.01		0.25	A
Research Commodity		1.59			
Sunflower		29.05	19	1,003.89	A
Wheat		18.73	4	380.30	A
Chemical Total		3,696.75	1,598		
IMAZAPIC, AMMONIUM SALT					
Landscape Maintenance		< 0.01			
		< 0.01	1	57.00	A
Total Pounds On This Commodity	< 0.01				
Chemical Total		< 0.01	1		
IMAZAPYR					
Landscape Maintenance		4.51			
Chemical Total		4.51			
IMAZAPYR, ISOPROPYLAMINE SALT					
Forest, Timberland		9,605.48	602	22,130.20	A
Landscape Maintenance		1,069.85			
Public Health		1,606.32			
Rangeland		10.97	2	83.00	A
Regulatory Pest Control		26.38			
		0.56		1.39	A
		0.20		12.00	U
Total Pounds On This Commodity	27.13				
Rights Of Way		6,764.21			
Structural Pest Control		6.28			
Uncultivated Ag		0.24		4.00	A
Uncultivated Non-Ag		1.16	3	23.00	A
Water Area		17.32	1	657.50	A
Chemical Total		19,108.96	608		
IMAZETHAPYR					
Alfalfa		213.00	40	2,637.20	A
Landscape Maintenance		0.09			
Structural Pest Control		0.08			
Chemical Total		213.16	40		
IMAZETHAPYR, AMMONIUM SALT					
Alfalfa		6,159.51	1,205	69,859.78	A
Bean, Dried		1.49	1	30.00	A
Forage Hay/Silage		22.92	6	261.10	A
Landscape Maintenance		2.93			
Oat (Forage - Fodder)		6.05	2	61.00	A
Research Commodity		0.40			
Soil Fumigation/Preplant		7.28	3	129.50	A
Wheat		4.86	2	49.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		6,205.43	1,219		
IMIDACLOPRID					
Almond		96.78	16	968.10	A
Animal Premise		36.82		510.00	U
		4.39			
		3.70		737.00	A
Total Pounds On This Commodity	44.91				
Apple		198.95	48	1,117.36	A
Apricot		8.56	6	140.50	A
Arrugula		18.05	46	145.19	A
Artichoke, Globe		251.46	205	2,865.10	A
Avocado		23.39	7	70.82	A
Basil, Sweet		15.85	19	57.77	A
Bean, Dried		141.72	61	2,863.19	A
Bean, Succulent		166.91	65	989.40	A
Bean, Unspecified		53.91	27	135.80	A
Beet		603.72	174	506.72	A
Blueberry		153.15	19	804.60	A
Bok Choy		826.25	730	2,432.64	A
Broccoli		7,598.16	4,046	49,037.73	A
Brussels Sprout		459.28	187	3,151.97	A
Cabbage		1,006.83	990	7,388.42	A
Cantaloupe		2,033.87	102	6,291.50	A
Carrot		41.63	12	552.25	A
Cauliflower		3,076.90	1,390	15,247.06	A
Celeriac		61.65	24	31.41	A
Celery		564.58	167	1,661.76	A
Cherry		944.04	95	1,860.93	A
Chervil		0.64	9	15.00	A
Chicory		7.09	15	219.30	A
Chinese Cabbage (Nappa)		297.20	666	2,240.57	A
Chinese Greens		0.22	1	6.00	A
Chive		0.10	3	6.00	A
Christmas Tree		2.95	11	84.00	A
Cilantro		589.36	316	1,442.69	A
Citrus		55.95	12	156.45	A
		49.15	10	242,831.00	U
Total Pounds On This Commodity	105.10				
Collard		623.10	178	597.65	A
Corn (Forage - Fodder)		< 0.01	81	1,074.00	U
		< 0.01	4	32.00	S
Total Pounds On This Commodity	0.01				
Cotton		2,061.37	323	49,903.30	A
Cucumber		93.04	38	335.85	A
Daikon		47.62	53	47.59	A
Dandelion Green		22.29	20	16.90	A
Dill		0.50	5	10.00	A
Eggplant		38.26	24	201.00	A
Endive (Escarole)		209.11	538	2,041.53	A
Farm/Ag Building		0.05		9.00	U
Fava Bean		333.11	8	52.70	A
Fennel		1.08	5	5.69	A
Fumigation, Other		0.03			
Gai Lon		123.56	68	1,855.59	A
Grape		19,138.08	2,389	105,009.66	A
Grape, Wine		35,560.30	3,873	183,161.44	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grapefruit		157.14	39	376.41	A
Greenhouse Fumigation		0.72	4	4.00	A
Herb, Spice		4.22	61	112.65	A
		3.80	51	100.50	U
Total Pounds On This Commodity	8.02				
Kale		84.17	215	771.28	A
Kohlrabi		58.78	43	99.52	A
Landscape Maintenance		8,149.02			
		31.36	20	951.00	A
		0.90	1	100,000.00	S
Total Pounds On This Commodity	8,181.28				
Lemon		1,649.83	322	4,490.34	A
Lettuce, Head		10,981.20	6,299	85,751.04	A
		0.21	3	34,450.00	S
Total Pounds On This Commodity	10,981.41				
Lettuce, Leaf		9,211.52	9,553	94,052.87	A
		0.70	4	96,000.00	S
Total Pounds On This Commodity	9,212.22				
Lime		2.89	1	10.00	A
Mango		9.34	1	150.00	A
Melon		993.50	77	3,501.56	A
Mizuna		11.17	17	124.62	A
Mustard		800.39	337	1,403.19	A
N-Grnhs Flower		20.83	163	206.77	A
		9.65	80	1,925,254.00	S
Total Pounds On This Commodity	30.48				
N-Grnhs Plants In Containers		82.20	602	18,910,751.00	S
		49.42	494	571.58	A
		23.81	63	811,174.00	U
Total Pounds On This Commodity	155.43				
N-Grnhs Transplants		104.76	56	424.13	A
		36.91	192	1,271,509.00	S
Total Pounds On This Commodity	141.68				
N-Outdr Flower		23.11	184	361.99	A
		21.03	31	588,014.00	S
		0.06	2	387.00	U
Total Pounds On This Commodity	44.20				
N-Outdr Plants In Containers		953.87	1,894	5,978.12	A
		79.44	1	220,000.00	C
		42.27	223	324,922.00	U
		8.19	222	5,169,880.00	S
Total Pounds On This Commodity	1,083.77				
N-Outdr Transplants		152.71	223	2,912.71	A
		32.12	274	14,706,028.00	S
		0.17	2	5,600.00	U
Total Pounds On This Commodity	185.00				
Nectarine		0.81	3	17.25	A
Olive		0.28	2	4.50	A
Onion, Dry		47.69	3	86.00	A
Orange		15,269.96	1,112	37,387.89	A
Parsley		31.44	118	411.44	A
Peach		4.53	16	69.99	A
Pear		41.93	27	551.00	A
Peas		29.56	60	136.80	A
Pecan		436.99	25	1,120.00	A
Pepper, Fruiting		2,590.10	564	14,914.90	A
Pepper, Spice		9.48	11	127.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Persimmon		12.46	9	97.00	A
Pimento		0.66	1	15.10	A
Pistachio		343.22	19	1,233.80	A
Plum		47.43	38	464.60	A
Pluot		0.39	1	4.00	A
Pomegranate		2,733.81	105	10,972.96	A
Pomelo		30.56	8	61.25	A
Potato		1,857.66	198	14,324.52	A
Prune		193.53	37	2,501.50	A
Public Health		0.49			
Pumpkin		687.13	56	2,357.90	A
Radicchio		5.78	7	121.84	A
Radish		34.61	127	279.54	A
Rappini		738.27	361	7,047.93	A
Regulatory Pest Control		672.02			
		< 0.01		1,750.00	S
Total Pounds On This Commodity	672.02				
Research Commodity		29.96			
		4.60	23	162.87	A
Total Pounds On This Commodity	34.56				
Rights Of Way		1,139.72			
		10.46	5	33.00	A
Total Pounds On This Commodity	1,150.18				
Spinach		1,097.89	1,183	10,764.32	A
Squash		91.83	31	271.13	A
Squash, Summer		23.94	14	90.90	A
Squash, Winter		52.99	7	195.69	A
Strawberry		2,048.14	135	5,375.50	A
Structural Pest Control		22,363.80			
		0.49	1	2.00	A
Total Pounds On This Commodity	22,364.30				
Sugarbeet		718.80	75	5,478.09	A
Swiss Chard		60.94	90	250.49	A
Tangelo		451.55	50	1,077.36	A
Tangerine		8,037.05	248	15,770.19	A
Tarragon		0.07	6	1.50	A
Tomatillo		2.33	3	14.50	A
Tomato		1,781.65	311	11,895.58	A
Tomato, Processing		17,909.58	799	91,866.53	A
Turf/Sod		13.05	2	36.25	A
		10.50	1	138,000.00	S
		0.60		120,000.00	U
Total Pounds On This Commodity	24.15				
Turnip		83.54	117	296.26	A
Uncultivated Ag		21.42	5	164.00	A
Unknown		0.18	1	1.30	A
		< 0.01		1,000.00	S
Total Pounds On This Commodity	0.18				
Vertebrate Control		89.92	5	190.03	A
		14.59			
Total Pounds On This Commodity	104.51				
Walnut		1,287.68	379	14,023.44	A
Watercress		9.10	75	179.50	A
Watermelon		1,434.37	122	5,728.75	A
Chemical Total		196,047.67	45,436		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
IMIPROTHRIN					
N-Outdr Transplants		< 0.01	5	0.05	A
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	5		
INDOXACARB					
Alfalfa		14,644.38	2,924	193,216.75	A
Apricot		6.47	6	57.50	A
Arrugula		0.28	1	4.30	A
Bok Choy		24.61	135	381.23	A
Broccoli		2,981.86	4,125	46,955.19	A
Brussels Sprout		329.71	282	4,799.17	A
Cabbage		360.85	753	5,779.46	A
Cantaloupe		49.64	10	1,103.99	A
Cauliflower		665.68	1,079	10,707.89	A
Celery		45.98	26	727.00	A
Cherry		18.00	1	10.00	A
Chinese Cabbage (Nappa)		18.73	140	292.51	A
Collard		287.00	166	428.84	A
Corn, Human Consumption		1,189.89	207	20,543.41	A
Cotton		3,947.95	302	39,051.80	A
Cucumber		12.83	7	191.00	A
Eggplant		5.08	8	77.00	A
Endive (Escarole)		0.57	5	7.80	A
Grape		377.42	85	3,764.07	A
Grape, Wine		1,303.73	95	11,947.06	A
Kale		34.41	115	553.00	A
Kohlrabi		10.02	33	152.16	A
Landscape Maintenance		48.18			
		0.68	8	281.00	A
Total Pounds On This Commodity	48.87				
Lettuce, Head		520.70	491	6,605.98	A
Lettuce, Leaf		130.60	211	1,707.45	A
Melon		10.04	1	119.00	A
Mint		0.82	10	14.50	U
		0.42	6	7.50	A
Total Pounds On This Commodity	1.24				
Mustard		83.37	69	211.24	A
N-Grnhs Transplants		1.40	10	11.23	A
N-Outdr Plants In Containers		< 0.01	2	4.20	A
N-Outdr Transplants		2.29	15	34.86	A
Nectarine		813.24	408	4,771.12	A
Parsley		93.07	29	56.50	A
Peach		667.78	326	4,115.15	A
Pepper, Fruiting		239.97	110	3,876.95	A
Plum		354.11	172	2,099.54	A
Potato		507.24	90	6,300.00	A
Prune		8.64	3	76.80	A
Public Health		5.18			
Pumpkin		33.53	6	447.00	A
Radicchio		8.62	5	47.58	A
Recreation Area		< 0.01	1	56.00	A
Regulatory Pest Control		< 0.01			
Research Commodity		2.13	21	186.75	A
Rights Of Way		< 0.01			
Rye		0.98	1	13.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Spinach		54.84	61	426.29	A
Squash		4.13	2	44.00	A
Squash, Summer		0.33	1	5.00	A
Squash, Winter		3.83	2	48.00	A
Structural Pest Control		17.47			
Sugarbeet		8.79	1	82.00	A
Sweet Potato		55.20	12	685.00	A
Swiss Chard		371.33	173	259.43	A
Tomato		650.26	232	9,945.65	A
		< 0.01	1	600.00	U
Total Pounds On This Commodity	650.26				
Tomato, Processing		2,802.27	510	41,810.63	A
Turf/Sod		0.38	1	35.77	A
Turnip		2.67	12	42.49	A
Uncultivated Ag			5	202.00	A
Uncultivated Non-Ag		< 0.01		75.00	A
Vertebrate Control		0.72	2	11.00	A
		< 0.01			
Total Pounds On This Commodity	0.72				
Watermelon		183.49	46	2,093.69	A
Chemical Total		34,003.79	13,561		
IODINE					
Structural Pest Control		41.55			
Chemical Total		41.55			
3-IODO-2-PROPYNYL BUTYLCARBAMATE					
N-Grnhs Plants In Containers		< 0.01	2	0.50	A
Chemical Total		< 0.01	2		
IPRODIONE					
Almond		123,112.05	4,101	250,009.11	A
Apricot		2,466.42	171	3,559.59	A
Bean, Dried		22.07	4	22.10	A
Bean, Succulent		1.00		1.00	P
Bean, Unspecified		70.92	14	71.00	A
Blackberry		108.40	22	108.74	A
Blueberry		390.83	17	773.80	A
Broccoli		205.40	36	205.89	A
Cabbage		83.63	16	117.20	A
Carrot		9,593.14	238	15,374.13	A
		142.83		70,342.65	P
		40.95		3,387.49	K
Total Pounds On This Commodity	9,776.93				
Cauliflower		231.79	38	262.58	A
Cherry		12,332.39	611	15,358.23	A
Cotton		7,960.27	137	38,209.00	A
Grape		7,211.25	199	9,597.62	A
Grape, Wine		719.58	30	906.62	A
Landscape Maintenance		7,373.22			
		46.29	10	115.00	A
		1.95	1	30,000.00	S
Total Pounds On This Commodity	7,421.46				
Leek		1.24	1	5.00	A
Lettuce, Head		15,900.88	1,041	17,096.63	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.08		2.00	P
Total Pounds On This Commodity	15,900.96				
Lettuce, Leaf		13,618.14	1,158	14,248.16	A
		5.87		2.00	P
Total Pounds On This Commodity	13,624.00				
N-Grnhs Flower		1,080.86	828	2,076.17	A
		110.63	104	3,650,986.00	S
Total Pounds On This Commodity	1,191.49				
N-Grnhs Plants In Containers		746.79	741	705.31	A
		414.40	778	29,740,970.00	S
		2.72	18	385,000.00	U
Total Pounds On This Commodity	1,163.91				
N-Grnhs Transplants		172.35	162	2,238,792.00	S
		19.60	247	29.49	A
Total Pounds On This Commodity	191.95				
N-Outdr Flower		1,282.50	499	1,813.83	A
		51.08	77	2,166,770.00	S
Total Pounds On This Commodity	1,333.58				
N-Outdr Plants In Containers		1,841.98	809	1,463.09	A
		155.61	287	7,388,650.00	S
		11.63	8	322,827.00	U
Total Pounds On This Commodity	2,009.22				
N-Outdr Transplants		109.83	132	201.87	A
		3.30	8	272,699.00	S
Total Pounds On This Commodity	113.13				
Nectarine		6,835.86	820	10,722.93	A
Onion, Dry		11,993.42	379	17,146.65	A
Onion, Green		2.24	1	3.00	A
Peach		12,372.57	1,255	18,761.84	A
		13.82	1	18.45	U
Total Pounds On This Commodity	12,386.40				
Plum		3,197.53	449	5,040.94	A
Pluot		91.82	10	182.86	A
Potato		538.39	12	750.00	A
Prune		1,804.46	91	3,807.80	A
Research Commodity		6.05			
		1.61	2	2.15	A
Total Pounds On This Commodity	7.65				
Rights Of Way		152.39			
		1.34	4	4.75	A
Total Pounds On This Commodity	153.73				
Soil Fumigation/Preplant		11.55	1	15.40	A
Soybean		11.99	1	12.00	A
Strawberry		508.73	22	552.00	A
		70.24	1	900,000.00	U
Total Pounds On This Commodity	578.97				
Structural Pest Control		4.22			
Turf/Sod		1,757.91	44	965.64	A
		23.29	1	138,000.00	S
Total Pounds On This Commodity	1,781.20				
Turnip		22.81	3	45.76	A
Unknown		62.31	14	22.00	A
Chemical Total		247,128.44	15,654		
IRON PHOSPHATE					
Apple		12.80	4	64.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Arrugula		0.13	12	1.20	A
Artichoke, Globe		479.23	117	1,707.75	A
Bean, Unspecified		1.25	2	9.00	A
Blackberry		0.51	6	11.90	A
Broccoli		0.03	11	1.10	A
Carrot		< 0.01	4	0.40	A
Cauliflower		0.06	1	1.00	A
Celery		18.48	14	84.90	A
Chicory		0.02	6	0.60	A
Grape		26.35	9	318.25	A
Grapefruit		11.10	2	113.00	A
Herb, Spice		0.47	22	2.20	A
Kale		0.04	10	1.00	A
Kiwi		0.20	1	1.00	A
Landscape Maintenance		355.22			
		2.13	4	350.00	A
		0.02	1	100.00	S
Total Pounds On This Commodity	357.37				
Lemon		15.38	11	163.90	A
Lettuce, Head		8.25	2	35.50	A
Lettuce, Leaf		3.92	21	20.90	A
Mint		3.90	6	30.00	A
Mustard		0.08	10	1.00	A
N-Grnhs Flower		< 0.01	1	1,800.00	S
N-Grnhs Plants In Containers		15.52	12	44.30	A
		1.51	7	180,575.00	S
Total Pounds On This Commodity	17.03				
N-Grnhs Transplants		2.92	11	524,000.00	S
		0.50	5	2.50	A
Total Pounds On This Commodity	3.42				
N-Outdr Flower		4.95	7	24.00	A
N-Outdr Plants In Containers		136.48	127	746.68	A
		11.35	33	1,111,036.00	S
Total Pounds On This Commodity	147.83				
N-Outdr Transplants		0.50	1	192,000.00	S
		0.30	5	1.79	A
Total Pounds On This Commodity	0.80				
Orange		50.26	20	463.24	A
Radish		0.01	6	0.60	A
Raspberry		7.05	6	23.70	A
Rhubarb		< 0.01	8	0.80	A
Rights Of Way		55.78			
Spinach		0.03	5	0.50	A
Strawberry		40.75	29	201.80	A
Structural Pest Control		144.40			
Swiss Chard		0.33	14	4.30	A
Tomato		< 0.01	3	0.30	A
Uncultivated Ag		6.00	7	66.00	A
		0.19		4,700.00	S
Total Pounds On This Commodity	6.19				
Vertebrate Control		2.13			
Watercress		2.40	2	12.00	A
Chemical Total		1,422.94	585		
ALPHA-ISODECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE					
Alfalfa		175.30	32	2,268.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	3.13	2	35.00	A
Barley	12.04	3	168.00	A
Bermudagrass	28.59	7	456.00	A
Broccoli	55.40	133	1,401.29	A
Carrot	11.45	2	70.00	A
Cauliflower	10.85	32	276.00	A
Celery	62.45	169	1,209.20	A
Garlic	117.23	58	1,447.40	A
Grape, Wine	55.76	51	40.70	A
Kale	0.41	7	20.50	A
Landscape Maintenance	33.62			
Lettuce, Head	138.91	192	2,187.37	A
Lettuce, Leaf	181.42	303	3,254.41	A
Oat	5.72	1	75.00	A
Onion, Dry	21.34	33	516.00	A
Potato	653.86	19	1,265.00	A
Prune	9.27	4	103.70	A
Strawberry	1,536.17	95	5,148.48	A
Sudangrass	6.87	3	96.00	A
Sunflower	3.17	2	35.50	A
Tomato	14.19	32	652.00	A
Tomato, Processing	1.26	4	58.00	A
Wheat	192.41	33	2,820.00	A
Chemical Total	3,330.81	1,217		
ALPHA-ISOOCTADECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Landscape Maintenance	42.50			
Public Health	11,643.71			
Regulatory Pest Control	9.69			
Rights Of Way	0.12	2	20.00	A
Structural Pest Control	18.73			
Chemical Total	11,714.75	2		
ISOOCTYL PHTHALATE				
Almond	0.69	2	32.00	A
Bean, Dried	4.60	2	106.00	A
Cabbage	1.21	3	35.00	A
Cherry	0.98	2	30.00	A
Chinese Cabbage (Nappa)	0.20	3	4.50	A
Citrus	0.87	1	2.50	A
Collard	1.55	2	36.00	A
Endive (Escarole)	1.50	24	34.50	A
Garbanzo Bean	3.70	4	215.00	A
Grape, Wine	37.70	33	724.55	A
Grapefruit	39.63	16	244.60	A
Kale	0.35	7	8.00	A
Lemon	114.33	13	204.00	A
Lettuce, Head	0.09	2	2.00	A
Lettuce, Leaf	2.30	43	53.00	A
N-Grnhs Plants In Containers	0.13	1	30,000.00	S
Olive	51.61	9	256.00	A
Onion, Dry	3.69	7	94.00	A
Orange	1,724.40	526	11,501.37	A
Parsley	0.04	1	1.00	A
Pistachio	20.62	4	306.00	A
Pomelo	9.19	6	67.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangelo		19.65	6	92.54	A
Tangerine		34.03	20	315.81	A
Walnut		216.14	13	207.00	A
Chemical Total		2,289.20	750		
ISOPARAFFINIC HYDROCARBONS					
Alfalfa		1,548.84	48	4,611.00	A
Almond		818.61	43	2,691.19	A
Asparagus		385.86	2	450.00	A
Beet		10.74	1	12.50	A
Blackberry		0.88	1	0.50	A
Cabbage		3.72	1	8.50	A
Celery		33.36	1	38.00	A
Cotton		215.68	10	447.20	A
Garlic		116.81	2	266.00	A
Grape		116.51	6	349.09	A
Grape, Wine		65.04	3	181.85	A
Landscape Maintenance		0.25			
N-Outdr Plants In Containers		1.71	1	3.00	A
N-Outdr Transplants		7.90	1	12.00	A
Onion, Dry		250.39	4	484.60	A
Peach		177.55	12	647.00	A
Persimmon		1.05	2	4.00	A
Prune		395.34	16	1,444.00	A
Raspberry		52.82	6	78.64	A
Rice		6,935.26	105	8,279.26	A
Rights Of Way		738.50			
Soil Fumigation/Preplant		107.79	5	205.00	A
Strawberry		10.11	7	56.00	A
Tomato, Processing		166.02	11	817.00	A
Uncultivated Ag		26.34	1	83.00	A
Walnut		180.38	10	717.80	A
Chemical Total		12,367.46	299		
ISOPROPYL ALCOHOL					
Alfalfa		6,648.24	5,241	330,368.59	A
		0.76	1	69.00	S
Total Pounds On This Commodity	< 0.01				
Almond		20,141.30	7,535	416,744.48	A
Animal Premise		17.73		95.00	U
		1.53		73.00	A
Total Pounds On This Commodity	19.26				
Apple		114.61	126	1,876.76	A
		0.68	1	28.00	U
Total Pounds On This Commodity	115.29				
Apricot		531.07	227	4,758.14	A
Arrugula		0.61	12	85.20	A
Artichoke, Globe		9.58	30	301.80	A
Asparagus		151.18	56	5,198.70	A
Avocado		173.91	193	4,920.50	A
		0.63	3	480,000.00	U
Total Pounds On This Commodity	174.53				
Barley		73.18	46	4,976.50	A
Barley (Forage - Fodder)		7.11	13	504.00	A
Bean, Dried		244.53	316	15,369.67	A
Bean, Succulent		139.92	103	3,203.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bean, Unspecified		3.33	15	191.25	A
Beet		1.96	32	70.27	A
Bermudagrass		34.58	15	1,239.00	A
Blackberry		4.71	17	138.37	A
Blueberry		353.67	152	6,117.86	A
Bok Choy		5.10	132	256.51	A
Broccoli		562.16	756	12,508.84	A
Brussels Sprout		2.20	12	221.00	A
Buildings/Non-Ag Outdroor		0.05	1	2.50	A
Cabbage		30.55	330	1,527.55	A
Canola (Rape)		0.41	1	60.00	A
Cantaloupe		140.77	110	9,306.80	A
Carrot		77.88	82	3,279.90	A
Cauliflower		135.47	274	3,412.76	A
Celeriac		0.32	40	53.08	A
Celery		543.45	551	6,079.20	A
Cherry		1,785.52	834	19,418.86	A
Chestnut		0.09	1	4.00	A
Chicory		6.84	18	256.20	A
Chinese Cabbage (Nappa)		6.28	118	350.59	A
Christmas Tree		1.28	7	20.00	A
Cilantro		6.74	66	384.01	A
Citrus		6.95	40	311.81	A
Clover		4.90	19	423.00	A
Collard		10.69	133	274.26	A
Corn (Forage - Fodder)		4,478.12	3,234	142,743.62	A
Corn, Grain		165.27	80	3,482.16	A
Corn, Human Consumption		304.42	400	12,126.58	A
Cotton		2,678.65	1,679	121,250.68	A
Cucumber		54.77	16	456.20	A
Daikon		0.03	5	5.23	A
Dandelion Green		0.01	4	2.45	A
Date		3.67	3	28.10	A
Ditch Bank		65.81	30	236.10	A
Eggplant		1.70	10	138.50	A
Endive (Escarole)		6.10	106	241.95	A
Fennel		4.83	93	490.70	A
Fig		628.92		463.00	U
		199.36	98	3,077.00	A
Total Pounds On This Commodity	828.29				
Forage Hay/Silage		118.45	69	3,579.20	A
Forest, Timberland		11.81	19	281.00	A
Fumigation, Other		0.08			
Gai Lon		6.67	40	242.66	A
Garbanzo Bean		19.01	19	1,325.00	A
Garlic		94.30	53	4,382.50	A
Gourd		0.21	2	16.00	A
Grain		1.68	2	1,900.00	U
		1.51	1	36.00	A
Total Pounds On This Commodity	3.19				
Grape		7,613.38	5,694	207,825.22	A
Grape, Wine		20,368.23	7,177	369,856.05	A
		2.16	1	333.00	U
Total Pounds On This Commodity	20,370.39				
Grapefruit		61.47	93	1,329.30	A
Herb, Spice		1.97	2	5.00	A
Horseradish		1.10	1	70.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Industrial Site		2.64	7	39.00	A
Kale		7.13	58	302.38	A
Kiwi		34.23	24	653.66	A
Kohlrabi		0.10	16	15.91	A
Landscape Maintenance		1,140.32			
		8.83	11	297.80	A
Total Pounds On This Commodity	1,149.15				
Leek		0.72	38	44.14	A
Lemon		336.02	251	4,138.59	A
Lettuce, Head		1,917.17	3,148	45,628.00	A
Lettuce, Leaf		1,020.38	2,886	33,895.54	A
Melon		65.64	82	4,339.09	A
Mint		0.62	7	154.72	A
Mustard		3.75	154	231.15	A
N-Grnhs Flower		48.76	846	2,047.90	A
		9.12	114	3,142,600.00	S
Total Pounds On This Commodity	57.88				
N-Grnhs Plants In Containers		57.87	618	1,443.58	A
		24.94	262	9,369,056.00	S
Total Pounds On This Commodity	82.81				
N-Grnhs Transplants		15.08	373	150.59	A
N-Outdr Flower		66.16	536	3,028.29	A
		0.07	5	180,000.00	S
Total Pounds On This Commodity	66.23				
N-Outdr Plants In Containers		934.57	2,190	14,710.20	A
		48.94	383	13,252,000.00	S
		2.60	6	1,498.00	U
Total Pounds On This Commodity	986.11				
N-Outdr Transplants		84.35	205	1,152.92	A
		2.57	123	11,589,600.00	S
		0.15	1	75,000.00	U
Total Pounds On This Commodity	87.08				
Nectarine		2,155.43	2,772	35,468.41	A
Oat		152.77	136	6,200.71	A
Oat (Forage - Fodder)		1,776.62	733	29,348.15	A
Olive		162.63	163	3,696.18	A
Onion, Dry		412.03	305	16,204.51	A
Onion, Green		139.79	66	416.77	A
Orange		3,277.00	2,846	64,246.93	A
Parsley		47.38	75	887.03	A
Pastureland		72.17	47	3,744.00	A
Peach		2,641.25	3,670	50,604.25	A
Pear		90.93	130	3,513.81	A
Peas		114.06	78	807.37	A
Pecan		32.77	40	521.50	A
Pepper, Fruiting		1,077.62	287	8,665.71	A
Pepper, Spice		0.25	1	56.70	A
Persimmon		19.00	62	551.33	A
Pistachio		4,068.73	1,419	92,206.40	A
Plum		891.00	1,687	25,520.54	A
Pluot		20.90	9	313.78	A
Pomegranate		48.32	66	1,793.96	A
Pomelo		11.13	29	264.70	A
Potato		177.26	79	6,353.81	A
Poultry		0.13		14.00	U
Prune		427.01	276	9,130.51	A
Public Health		101.09			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pumpkin		20.32	36	659.80	A
Quince		1.04	8	43.20	A
Radicchio		83.49	10	273.07	A
Radish		0.76	21	33.44	A
Rangeland		45.12	28	4,291.00	A
Rappini		28.35	69	1,113.00	A
Raspberry		74.31	135	1,619.43	A
Regulatory Pest Control		4.73			
Research Commodity		16.84	4	32.75	A
		0.08			
Total Pounds On This Commodity	16.92				
Rice		243.44	186	14,785.76	A
Rice, Wild		0.53	8	294.00	A
Rights Of Way		5,080.00			
		32.32	36	655.40	A
		15.06	6	180.00	U
Total Pounds On This Commodity	5,127.38				
Rye		1.86	6	201.46	A
Ryegrass		13.17	22	882.00	A
Safflower		23.19	13	1,511.90	A
Soil Fumigation/Preplant		127.68	101	7,471.19	A
Sorghum (Forage - Fodder)		10.76	13	693.68	A
Sorghum/Milo		28.80	31	2,078.99	A
Spinach		54.24	160	1,939.91	A
Squash		15.07	16	377.00	A
Squash, Summer		0.89	13	82.90	A
Squash, Winter		0.52	1	20.00	A
Stone Fruit		2.86	3	17.00	A
Storage Area/Box		2.21		1.00	K
Strawberry		2,205.38	917	28,005.59	A
Structural Pest Control		1,597.23			
		0.32	3	19.60	A
Total Pounds On This Commodity	1,597.55				
Sudangrass		30.63	39	1,415.46	A
Sugarbeet		158.92	238	16,426.14	A
Sunflower		89.89	133	7,947.70	A
Sweet Potato		4.74	19	344.30	A
Swiss Chard		7.63	97	296.49	A
Tangelo		95.36	131	2,669.18	A
Tangerine		628.40	503	18,575.09	A
Timothy		10.70	38	1,462.80	A
Tomatillo		1.10	1	30.00	A
Tomato		454.27	310	14,270.22	A
		1.60	1	26,136.00	S
Total Pounds On This Commodity	455.87				
Tomato, Processing		4,054.08	1,637	145,415.19	A
Triticale		34.32	37	3,165.70	A
Turf/Sod		16.76	19	198.16	A
Turnip		1.10	70	110.92	A
Uncultivated Ag		886.10	461	22,373.19	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	886.10				
Uncultivated Non-Ag		28.97	76	870.82	A
Unknown		57.70	135	2,972.07	A
Vegetable		8.40	2	80.00	A
Vertebrate Control		0.12	3	30.00	A
Walnut		3,663.64	2,307	62,559.61	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Water Area	37.89		71.00	A
Watermelon	72.26	78	2,750.82	A
Wheat	1,289.29	782	53,032.21	A
Wheat (Forage - Fodder)	940.17	1,001	57,198.29	A
Chemical Total	114,930.76	73,875		
ISOPROPYLAMINE DODECYLBENZENE SULFONATE				
Alfalfa	77.78	503	26,170.59	A
Almond	188.50	858	46,523.53	A
Apple	< 0.01	1	1.50	A
Apricot	0.71	8	72.38	A
Avocado	0.27	26	1,341.00	A
Barley	0.22	3	94.60	A
Bean, Dried	0.55	6	331.60	A
Bean, Succulent	0.03	1	7.00	A
Cantaloupe	0.04	2	38.00	A
Carrot	0.33	1	70.00	A
Celery	0.28	2	40.00	A
Cherry	33.48	122	2,379.89	A
Corn (Forage - Fodder)	23.83	204	12,127.12	A
Corn, Grain	2.11	27	1,008.00	A
Corn, Human Consumption	0.18	1	147.60	A
Cotton	42.44	220	19,720.90	A
Cotton (Forage - Fodder)	0.10	2	110.70	A
Ditch Bank	0.04	1	2.00	A
Fig	1.51	6	640.00	A
Forage Hay/Silage	0.07	2	56.70	A
Gai Lon	0.72	7	143.00	A
Grape	80.01	925	50,417.00	A
Grape, Wine	19.82	90	6,187.08	A
Grapefruit	4.75	31	1,023.30	A
Grass, Seed	0.16	3	177.00	A
Kiwi	0.25	2	62.00	A
Landscape Maintenance	3.02			
Lemon	3.90	48	2,009.50	A
Lettuce, Leaf	1.86	1	3.50	A
Mustard	0.01	1	13.00	A
N-Outdr Plants In Containers	0.02	3	13.50	A
N-Outdr Transplants	0.47	4	29.00	A
Nectarine	9.34	153	1,426.92	A
Oat (Forage - Fodder)	< 0.01	1	3.00	A
Olive	2.80	11	758.00	A
Onion, Dry	1.33	7	281.50	A
Orange	70.20	241	25,997.00	A
Pastureland	0.50	3	206.50	A
Peach	22.18	295	3,085.90	A
Pear	2.51	48	389.50	A
Persimmon	0.04	7	13.70	A
Pistachio	63.27	393	21,454.30	A
Plum	17.46	158	1,821.64	A
Pluot	3.38	53	645.14	A
Pomegranate	0.68	9	296.00	A
Prune	22.31	103	3,443.10	A
Rangeland	0.13		28.00	A
Regulatory Pest Control	9.41			
	1.09		98.44	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	10.50				
Rice		119.06	282	19,575.25	A
Rights Of Way		66.33			
		0.76	13	188.50	A
Total Pounds On This Commodity	67.09				
Ryegrass		0.79	3	190.00	A
Soil Fumigation/Preplant		0.08	2	17.50	A
Strawberry		598.75	7	198.60	A
Structural Pest Control		< 0.01			
Sudangrass		0.15	1	59.00	A
Sugarbeet		0.82	3	297.50	A
Sunflower		0.40	2	66.00	A
Tangelo		1.38	24	453.90	A
Tangerine		4.77	59	2,097.77	A
Tomato		0.82	5	164.00	A
Tomato, Processing		5.05	33	1,984.45	A
Triticale		0.01	1	30.00	A
Turf/Sod		0.48	1	35.40	A
Uncultivated Ag		2.95	25	858.10	A
Uncultivated Non-Ag		0.02	2	18.00	A
Vertebrate Control		5.29			
Walnut		74.87	531	13,968.63	A
Water Area		1.14		92.81	A
Wheat		3.36	16	2,877.79	A
Wheat (Forage - Fodder)		0.31	4	251.80	A
Chemical Total		1,601.75	5,607		
ISOXABEN					
Almond		107.20	14	201.73	A
Cherry		7.24	2	23.00	A
Grape		89.54	11	130.56	A
Grape, Wine		31.40	9	123.62	A
Landscape Maintenance		3,684.47			
		0.70	1	6.50	A
Total Pounds On This Commodity	3,685.17				
N-Grnhs Flower		20.95	21	19.34	A
		0.02	1	1,840.00	S
Total Pounds On This Commodity	20.97				
N-Grnhs Plants In Containers		20.13	10	107,450.00	S
		15.58	45	27.86	A
Total Pounds On This Commodity	35.71				
N-Grnhs Transplants		0.19	1	0.09	A
N-Outdr Flower		98.62	68	114.50	A
N-Outdr Plants In Containers		2,698.52	2,133	4,244.45	A
		11.33	104	877,685.00	S
		1.62	24	138,435.00	U
Total Pounds On This Commodity	2,711.48				
N-Outdr Transplants		63.28	30	116.99	A
Olive		4.75	1	19.00	A
Orange		20.27	1	27.30	A
Pastureland		2.21	1	28.00	A
Peach		20.24	6	51.56	A
Pistachio		72.55	1	290.20	A
Pomegranate		9.38	1	12.50	A
Regulatory Pest Control		0.16			
Rights Of Way		13,434.35			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		73.92	9	900.35	A
Total Pounds On This Commodity	13,508.26				
Structural Pest Control		14.72			
Turf/Sod		12.00		14.00	A
Uncultivated Non-Ag		0.50	1	1.00	A
Walnut		27.38	5	100.55	A
Chemical Total		20,543.21	2,500		
KAOLIN					
Alfalfa		570.00	1	52.00	A
Almond		6,825.75	12	309.00	A
Apple		65,728.48	126	1,736.40	A
Apricot		1,615.00	2	34.00	A
Avocado		555.75	29	184.50	A
Bean, Unspecified		237.50	2	10.00	A
Blueberry		5,505.25	5	179.00	A
Cherry		285,216.78	239	6,832.42	A
Citrus		380.00	1	10.00	A
Cucumber		73.63	2	2.60	A
Eggplant		0.48	1	300.00	S
Grape		1,059.25	3	46.00	A
Grape, Wine		50,249.44	425	4,586.67	A
Grapefruit		11,167.13	13	283.00	A
Lemon		25,138.19	13	389.00	A
Melon		14,651.38	14	616.40	A
N-Outdr Plants In Containers		3,785.75	24	118.81	A
N-Outdr Transplants		658.83	4	18.50	A
Olive		361.00	2	10.00	A
Onion, Dry		72,116.22	86	1,750.22	A
Onion, Green		99.75	1	7.00	A
Orange		34,184.06	76	962.97	A
Peach		6,425.09	5	92.26	A
Pear		7,284.60	15	250.30	A
Pepper, Fruiting		32,910.28	49	1,137.16	A
		2.38	1	300.00	S
Total Pounds On This Commodity	32,912.66				
Pistachio		21,375.00	4	300.00	A
Plum		6,814.35	20	238.60	A
Pomegranate		512,903.58	51	11,368.22	A
Prune		432.25	1	13.00	A
Quince		684.00	4	15.00	A
Raspberry		831.25	3	35.00	A
Research Commodity		950.00			
Shallot		403.75	1	8.50	A
Squash		701.10	9	29.50	A
Squash, Summer		14.25	1	0.60	A
Tangelo		4,180.00	2	80.00	A
Tangerine		156,035.44	191	3,667.77	A
Tomato		66,424.82	77	2,205.95	A
Tomato, Processing		425,416.18	130	11,848.50	A
Uncultivated Ag		4,883.00	5	64.25	A
Vegetable		142.50	3	6.00	A
Walnut		484,730.54	441	15,185.48	A
Watermelon		2,943.43	7	158.65	A
Chemical Total		2,316,667.37	2,101		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
KEROSENE					
Alfalfa		547.12	566	36,024.33	A
Almond		697.19	716	36,363.91	A
Apple		1,142.31	10	169.15	A
Apricot		875.09	6	194.00	A
Artichoke, Globe		4,836.14	291	17,279.80	A
Asparagus		80.81	53	2,916.25	A
Barley		6.47	4	368.00	A
Barley (Forage - Fodder)		4.31	2	199.00	A
Bean, Dried		18.68	30	1,391.24	A
Bean, Succulent		4.83	31	275.00	A
Bean, Unspecified		1.41	1	45.00	A
Bermudagrass		11.07	8	528.80	A
Bok Choy		< 0.01	1	0.80	A
Broccoli		52.60	238	2,574.46	A
Cantaloupe		6.94	9	641.70	A
Carrot		11.84	71	1,333.10	A
Cauliflower		21.87	112	1,296.28	A
Celery		26.29	194	1,371.79	A
Cherry		59.13	70	1,498.30	A
Chinese Cabbage (Nappa)		0.01	1	1.50	A
Cilantro		0.55	4	6.50	A
Corn (Forage - Fodder)		400.72	158	9,805.13	A
Corn, Grain		10.28	14	633.50	A
Corn, Human Consumption		20.38	54	1,182.00	A
Cotton		185.52	177	11,683.47	A
Cucumber		1.44	2	138.00	A
Fennel		0.43	16	51.40	A
Forage Hay/Silage		10.95	24	796.60	A
Garlic		33.04	32	2,752.20	A
Grain		0.43	5	40.00	A
Grape		13.50	32	757.10	A
Grape, Wine		159.05	523	14,674.91	A
Grapefruit		4.71	15	109.05	A
Landscape Maintenance		34.65			
		5.72	1	8.00	A
Total Pounds On This Commodity	40.38				
Lemon		0.42	2	20.00	A
Lettuce, Head		27.03	108	1,419.40	A
Lettuce, Leaf		28.51	119	1,123.30	A
N-Outdr Plants In Containers		2.72	23	460.81	A
N-Outdr Transplants		0.06	1	3.00	A
Nectarine		36,435.05	58	1,464.43	A
Oat		38.57	66	2,909.48	A
Oat (Forage - Fodder)		77.48	92	4,786.37	A
Olive		9.81	18	549.09	A
Onion, Dry		10.14	28	817.56	A
Orange		42.92	106	1,243.40	A
Parsley		4.64	9	114.30	A
Pastureland		98.93	44	2,815.70	A
Peach		36,820.79	40	1,024.60	A
Pear		60,157.98	45	943.63	A
Peas		2.14	29	382.20	A
Pecan		1.89	2	39.00	A
Pepper, Fruiting		5.07	30	451.01	A
Pepper, Spice		0.52	2	50.00	A
Pistachio		38.64	43	2,125.49	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Plum		0.67	10	67.80	A
Pomegranate		1.50	9	111.70	A
Potato		33.35	15	1,253.50	A
Prune		19.39	34	985.23	A
Public Health		51.40			
Pumpkin		12.11	6	271.00	A
Rangeland		5.72	1	1,440.00	A
Rappini		0.41	3	13.00	A
Regulatory Pest Control		0.21		15.30	A
Rice		1,413.26	1,217	67,071.61	A
Rights Of Way		510.32			
		5.81	5	215.00	A
Total Pounds On This Commodity	516.13				
Ryegrass		4.24	4	331.00	A
Safflower		14.81	13	1,036.00	A
Soil Fumigation/Preplant		108.33	81	3,912.50	A
Sorghum/Milo		14.33	19	1,295.06	A
Spinach		11.28	87	557.60	A
Squash, Winter		0.25	1	18.00	A
Sunflower		30.03	23	2,156.30	A
Swiss Chard		0.06	2	10.75	A
Tangelo		5.67	9	130.80	A
Tangerine		0.65	4	13.75	A
Tomato		1.09	6	170.70	A
Tomato, Processing		103.33	57	5,445.89	A
Triticale		0.84	1	40.00	A
Uncultivated Ag		327.63	419	7,570.16	A
Uncultivated Non-Ag		11.52	13	791.00	A
Unknown		2,119.29	12	1,214.00	A
Walnut		28.36	95	1,902.17	A
Water Area		41.27		493.00	A
Watermelon		5.50	4	132.00	A
Wheat		327.59	414	24,535.91	A
Wheat (Forage - Fodder)		57.13	89	4,543.50	A
Chemical Total		148,356.15	6,989		
KINOPRENE					
N-Grnhs Plants In Containers		1.40	2	1.11	A
		1.14	2	83,656.00	S
Total Pounds On This Commodity	< 0.01				
Research Commodity		< 0.01			
Structural Pest Control		0.06			
Chemical Total		2.60	4		
(S)-KINOPRENE					
Landscape Maintenance		0.74			
N-Grnhs Flower		61.58	101	114.56	A
		19.96	1	3,000.00	U
		8.99	24	961,980.00	S
Total Pounds On This Commodity	90.53				
N-Grnhs Plants In Containers		129.62	245	9,212,462.00	S
		16.56	39	49.58	A
Total Pounds On This Commodity	146.18				
N-Grnhs Transplants		5.75	28	15.04	A
N-Outdr Flower		15.72	44	1,217,250.00	S
		2.07	3	12.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	17.79				
N-Outdr Plants In Containers		11.55	24	52.50	A
		1.14	16	81,477.00	S
Total Pounds On This Commodity	12.69				
N-Outdr Transplants		0.12	2	0.37	A
Pepper, Spice		0.04	1	0.10	A
Research Commodity		1.17			
Structural Pest Control		0.40			
Tomato		0.11	1	0.25	A
Unknown		0.19	1	1.00	A
Chemical Total		275.71	530		
KRESOXIM-METHYL					
Apple		113.38	27	612.40	A
Grape		8,752.93	1,133	54,204.38	A
Grape, Wine		17,586.17	2,890	121,542.67	A
		30.25	1	24,255.00	S
Total Pounds On This Commodity	17,616.42				
Melon		1.76	1	15.00	A
N-Grnhs Flower		43.57	161	243.19	A
N-Grnhs Plants In Containers		3.94	66	73.91	A
		2.61	20	172,670.00	S
Total Pounds On This Commodity	6.56				
N-Outdr Flower		38.30	62	272.74	A
N-Outdr Plants In Containers		55.11	44	336.95	A
		0.05	1	8,750.00	S
Total Pounds On This Commodity	55.15				
N-Outdr Transplants		26.20	5	164.95	A
Pear		423.22	32	2,320.90	A
Pumpkin		4.05	1	27.00	A
Regulatory Pest Control		0.07			
Structural Pest Control		0.02			
Vertebrate Control		57.13	7	380.93	A
Watermelon		3.74	1	26.00	A
Chemical Total		27,142.48	4,452		
LACTOSE					
Avocado		0.41	1	10.00	A
Blueberry		10.72	7	397.00	A
Broccoli		2.31	6	257.00	A
Carrot		106.94	143	7,990.70	A
Cauliflower		0.41	3	46.00	A
Cherry		1.35	2	40.00	A
Citrus		11.35	13	142.50	A
Grape		21.20	17	180.50	A
Grape, Wine		1.35	1	29.00	A
Grapefruit		86.49	36	374.15	A
Lemon		585.95	253	5,321.94	A
Nectarine		2.12	4	72.50	A
Olive		398.24	85	3,463.00	A
Orange		6,878.11	2,082	45,649.03	A
Peach		3.34	7	57.62	A
Plum		4.81	7	73.70	A
Pomelo		8.63	9	64.00	A
Potato		65.59	20	869.95	A
Raspberry		0.20	1	1.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangelo		201.40	73	1,525.95	A
Tangerine		769.57	150	10,797.03	A
Chemical Total		9,160.47	2,920		
LAMBDA-CYHALOTHRIN					
Alfalfa		11,780.99	6,276	356,091.26	A
Almond		3,545.11	1,279	89,207.21	A
Animal Premise		0.79		3.00	U
Apple		138.45	155	3,578.19	A
Apricot		117.39	64	4,174.00	A
Barley		5.48	5	194.40	A
Bean, Dried		1,891.36	545	31,822.16	A
Bean, Succulent		187.28	96	4,684.60	A
Bean, Unspecified		13.76	13	459.99	A
Bermudagrass		2.91	2	98.70	A
Bok Choy		1.20	4	38.00	A
Broccoli		356.04	956	14,031.67	A
Brussels Sprout		33.17	47	1,050.90	A
Cabbage		105.49	370	4,523.45	A
Cantaloupe		7.98	5	276.00	A
Cauliflower		142.96	451	5,074.32	A
Celery		1.72	2	39.50	A
Cherry		763.56	553	12,455.10	A
Chinese Cabbage (Nappa)		16.44	184	629.00	A
Commodity Fumigation		0.05			
Corn (Forage - Fodder)		266.26	236	11,174.99	A
Corn, Human Consumption		1,147.55	921	38,606.81	A
Cotton		136.90	28	3,821.26	A
Cucumber		1.22	3	37.00	A
Eggplant		1.02	5	37.00	A
Endive (Escarole)		0.40	1	1.34	A
Forage Hay/Silage		6.05	4	235.00	A
Garlic		16.32	6	543.00	A
Kohlrabi		0.08	4	2.90	A
Landscape Maintenance		96.31			
		0.13	3	135.00	A
Total Pounds On This Commodity	96.45				
Lettuce, Head		2,605.90	6,313	92,258.24	A
Lettuce, Leaf		2,414.18	7,084	79,034.75	A
Melon		10.01	26	319.10	A
N-Grnhs Flower		12.95	109	146.98	A
		0.31	10	397,590.00	S
Total Pounds On This Commodity	13.26				
N-Grnhs Plants In Containers		2.99	42	88.16	A
		2.00	53	2,645,005.00	S
		< 0.01	1	12,600.00	U
Total Pounds On This Commodity	5.00				
N-Grnhs Transplants		0.25	10	10.08	A
N-Outdr Flower		7.71	77	143.50	A
N-Outdr Plants In Containers		25.61	184	665.98	A
		0.27	5	200,000.00	S
Total Pounds On This Commodity	25.88				
N-Outdr Transplants		49.48	182	1,552.45	A
Nectarine		4.77	30	188.40	A
Oat (Forage - Fodder)		3.76	3	121.00	A
Olive		< 0.01	2	6.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry		631.52	279	10,937.81	A
Orchard Floor		13.12	2	22.74	A
Peach		639.11	670	17,631.17	A
Pear		27.31	42	840.27	A
Peas		30.70	90	1,269.65	A
Pecan		10.07	3	250.00	A
Pepper, Fruiting		208.19	120	3,211.91	A
Pistachio		7,292.95	510	48,161.99	A
Plum		7.11	18	319.68	A
Pluot		0.02	1	0.75	A
Potato		98.07	60	3,128.69	A
Prune		64.21	42	2,055.60	A
Public Health		2.31			
Pumpkin		18.82	19	427.00	A
Quince		0.21	1	9.00	A
Regulatory Pest Control		0.94		400.00	C
		< 0.01			
Total Pounds On This Commodity	0.94				
Research Commodity		3.21			
		1.66	12	32.58	A
Total Pounds On This Commodity	4.87				
Rice		2,081.51	1,861	71,996.90	A
Rice, Wild		68.80	41	2,384.30	A
Rights Of Way		2.94			
		1.37	3	20.00	A
Total Pounds On This Commodity	4.31				
Sorghum (Forage - Fodder)		1.56	1	50.00	A
Spinach		2.04	2	68.00	A
Squash		3.56	12	129.80	A
Squash, Summer		24.41	6	52.00	A
Squash, Winter		0.46	1	15.00	A
Structural Pest Control		6,010.91			
		2.67	2	88.00	A
Total Pounds On This Commodity	6,013.57				
Sudangrass		291.09	27	998.20	A
Sunflower		264.26	146	8,748.85	A
Sweet Potato		10.62	9	354.00	A
Tomatillo		141.62	2	47.00	A
Tomato		193.51	224	6,799.20	A
Tomato, Processing		2,665.50	1,120	62,602.45	A
Turf/Sod		30.38	44	949.78	A
Uncultivated Ag		3.27	3	105.00	A
Vertebrate Control		0.01			
Walnut		780.45	541	19,598.27	A
Watermelon		18.34	21	605.85	A
Wheat		162.51	86	5,528.49	A
Wheat (Forage - Fodder)		13.39	10	563.00	A
Chemical Total		47,749.25	32,380		
LAURIC ACID					
Alfalfa		1.57	3	98.00	A
Almond		733.51	507	25,604.97	A
Apricot		0.07	1	2.00	A
Bean, Dried		0.36	1	36.00	A
Blackberry		0.16	2	1.50	A
Broccoli		0.85	1	20.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cauliflower	1.35	3	32.00	A
Cherry	36.33	45	559.50	A
Cotton	5.27	5	456.00	A
Grape	198.27	294	16,023.81	A
Grape, Wine	57.09	69	2,524.30	A
Grapefruit	3.23	3	38.00	A
Kiwi	0.19	1	7.50	A
Landscape Maintenance	0.13			
Lemon	13.22	19	380.32	A
Lettuce, Head	4.75	16	142.00	A
Lettuce, Leaf	1.67	11	72.60	A
N-Grnhs Flower	8.95	52	120.10	A
N-Grnhs Plants In Containers	0.09	2	3.00	A
N-Grnhs Transplants	2.00	45	52.65	A
Nectarine	33.00	34	369.50	A
Olive	50.27	35	899.20	A
Onion, Dry	0.79	1	34.50	A
Orange	615.08	287	6,250.00	A
Peach	86.52	135	2,560.85	A
Persimmon	0.30	4	15.00	A
Pistachio	54.49	36	2,302.50	A
Plum	198.17	134	2,547.30	A
Pomegranate	0.07	1	3.30	A
Pomelo	0.33	1	5.00	A
Prune	112.10	125	3,715.60	A
Rappini	0.82	2	53.90	A
Raspberry	15.02	7	142.00	A
Strawberry	256.47	328	5,661.86	A
Tangelo	29.44	24	407.00	A
Tangerine	45.58	30	508.00	A
Tomato	20.80	62	2,077.60	A
Turf/Sod	5.61	7	110.06	A
Walnut	56.38	67	1,586.10	A
Chemical Total	2,650.30	2,400		
LAURYL ALCOHOL				
Apple	47.05	41	767.77	A
Asian Pear	0.46	2	10.00	A
Pear	177.18	114	3,724.24	A
Quince	0.03	1	0.30	A
Walnut	207.11	8	202.40	A
Chemical Total	431.83	166		
LAURYL DIMETHYLAMINE OXIDE				
Structural Pest Control	0.01			
Chemical Total	0.01			
LAVANDULYL SENECIOATE				
Grape	14.42	1	18.00	A
Grape, Wine	447.19	60	2,357.10	A
Chemical Total	461.62	61		
LECITHIN				
Airport	38.62	2	150.00	A
Alfalfa	3,715.69	634	41,904.03	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	9,629.24	935	53,853.88	A
Apple	215.51	14	790.68	A
Apricot	18.64	11	118.80	A
Artichoke, Globe	842.78	207	3,657.72	A
Asparagus	93.94	7	608.00	A
Avocado	1.25	1	16.50	A
Barley	10.58	4	118.00	A
Barley (Forage - Fodder)	31.78	1	62.50	A
Bean, Dried	429.52	55	3,742.00	A
Bean, Succulent	118.42	28	658.50	A
Bean, Unspecified	60.57	10	545.98	A
Beet	0.33	1	3.50	A
Bermudagrass	3.95	4	140.00	A
Blackberry	8.71	3	42.00	A
Blueberry	32.36	3	97.00	A
Bok Choy	7.21	15	62.70	A
Broccoli	4,838.51	1,663	18,594.23	A
Brussels Sprout	103.61	31	571.00	A
Cabbage	676.30	300	2,435.78	A
Cantaloupe	350.16	27	2,693.00	A
Carrot	223.18	53	970.85	A
Cauliflower	1,430.17	268	2,950.45	A
Celery	1,605.77	641	9,182.26	A
Cherry	93.61	29	686.10	A
Chicory	10.67	3	28.20	A
Chinese Cabbage (Nappa)	28.66	33	153.80	A
Cilantro	2.10	2	22.00	A
Collard	0.37	1	18.00	A
Corn (Forage - Fodder)	1,490.57	204	10,064.90	A
Corn, Grain	36.96	9	471.67	A
Corn, Human Consumption	3,756.47	574	27,387.85	A
Cotton	7,696.56	912	143,173.83	A
Cucumber	2.45	7	26.20	A
Date	1.31	1	15.00	A
Ditch Bank	8.31	9	13.50	A
Eggplant	21.74	6	80.00	A
Endive (Escarole)	2.27	1	6.00	A
Fennel	1.39	2	27.80	A
Forage Hay/Silage	11.78	10	345.75	A
Forest, Timberland	1,267.56	76	2,690.00	A
Garbanzo Bean	27.85	8	345.00	A
Garlic	105.93	12	459.00	A
Grape	1,217.04	245	8,552.85	A
Grape, Wine	5,367.35	1,427	40,212.96	A
Industrial Site	0.12		0.25	A
Kale	3.30	5	11.00	A
Kiwi	1.15	1	20.00	A
Landscape Maintenance	594.14			
Lemon	304.07	25	1,023.55	A
Lettuce, Head	5,762.37	2,267	25,041.94	A
Lettuce, Leaf	4,944.48	2,217	19,432.23	A
Melon	131.24	13	775.50	A
Mint	5.29	1	70.00	A
N-Grnhs Flower	438.73	811	1,420.29	A
N-Grnhs Plants In Containers	48.50	83	115.31	A
	40.94	92	2,142,347.00	S
	0.19	1	0.50	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	89.63				
N-Grnhs Transplants		11.19	58	72.74	A
N-Outdr Flower		779.58	1,079	4,401.30	A
N-Outdr Plants In Containers		1,105.54	1,373	4,037.23	A
		84.87	75	1,063,498.00	S
		8.95	8	61.50	U
Total Pounds On This Commodity	1,199.36				
N-Outdr Transplants		791.16	216	1,459.96	A
Nectarine		49.78	20	293.15	A
Oat		33.60	14	232.20	A
Oat (Forage - Fodder)		1.51	1	20.00	A
Olive		5.29	2	37.00	A
Onion, Dry		197.71	37	2,270.90	A
Onion, Green		82.27	46	217.40	A
Orange		154.94	13	384.10	A
Parsley		0.70	1	7.50	A
Pastureland		49.98	17	478.35	A
Peach		331.32	93	1,911.74	A
Pear		9.26	8	256.70	A
Peas		171.19	38	462.30	A
Pecan		21.35	4	113.00	A
Pepper, Fruiting		481.74	85	2,713.79	A
Pepper, Spice		39.25	7	139.40	A
Pimento		3.94	1	14.00	A
Pistachio		4,693.13	241	20,985.27	A
Plum		148.78	42	719.87	A
Pluot		7.35	1	38.91	A
Pomegranate		75.99	6	529.50	A
Prune		86.49	10	445.65	A
Public Health		666.75			
Pumpkin		101.68	12	199.50	A
Radicchio		1.90	1	5.00	A
Rangeland		56.57	5	1,497.20	A
Rappini		2.96	4	41.50	A
Raspberry		11.71	11	89.83	A
Regulatory Pest Control		32.09			
Rice		415.29	39	3,435.68	A
Rights Of Way		8,581.50			
		96.12	12	360.50	A
Total Pounds On This Commodity	8,677.62				
Safflower		2,060.88	163	53,596.80	A
Soil Fumigation/Preplant		72.25	34	717.64	A
Sorghum/Milo		1.51	1	40.00	A
Soybean		0.91	1	12.00	A
Spinach		8.27	21	51.53	A
Squash		8.64	9	86.20	A
Squash, Summer		3.64	3	30.60	A
Squash, Winter		3.02	1	13.00	A
Strawberry		7,198.67	752	29,441.41	A
Structural Pest Control		21.40	10	301.30	A
		7.61			
Total Pounds On This Commodity	29.01				
Sugarbeet		3.00	1	40.00	A
Tangerine		1,275.59	115	5,504.20	A
Tomato		664.21	82	3,941.21	A
Tomato, Processing		4,288.95	538	48,483.25	A
Turf/Sod		25.28	4	105.50	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Uncultivated Ag	1,338.03	376	13,484.65	A
Uncultivated Non-Ag	47.27	8	262.97	A
Unknown	15.81	5	167.50	A
Walnut	1,147.71	184	5,097.69	A
Watermelon	537.86	45	2,828.76	A
Wheat	980.31	91	12,059.00	A
Wheat (Forage - Fodder)	97.70	40	2,107.51	A
Chemical Total	97,114.25	20,069		
LIGNIN SULFONIC ACID				
Landscape Maintenance	0.26			
Chemical Total	0.26			
LIGNIN SULFONIC ACID, IRON SALT				
Grape, Wine	20.50	7	350.00	A
Chemical Total	20.50	7		
LIGNIN SULFONIC ACID, MANGANESE SALT				
Rights Of Way	185.49			
Chemical Total	185.49			
LIGNIN SULFONIC ACID, METAL SALTS				
Almond	7.14	1	15.00	A
Onion, Dry	3.68	3	51.30	A
Pepper, Fruiting	5.08	1	40.00	A
Chemical Total	15.90	5		
LIGNIN SULFONIC ACID, ZINC SALT				
Apricot	1.97	1	14.00	A
Grape	45.04	2	25.00	A
Grape, Wine	19.16	24	166.28	A
Peach	52.55	2	17.50	A
Rice	1,032.96	4	390.00	A
Chemical Total	1,151.68	33		
LIGNIN SULFONIC ACID, ZINC, MANGANESE & IRON SALTS				
N-Outdr Flower	44.77	25	51.79	A
Research Commodity	106.40	22	114.46	A
Wheat	18.67	1	24.00	A
Chemical Total	169.83	48		
LIME				
Cotton	146.83	1	152.00	A
Grape, Wine	2.52	1	12.00	A
Orange	1,343.29	22	1,582.18	A
Tangelo	36.23	1	45.00	A
Tangerine	68.05	3	169.07	A
Tomato, Processing	1,127.39	8	1,244.90	A
Chemical Total	2,724.31	36		
LIME-SULFUR				
Almond	74,978.90	35	2,364.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple		19,872.37	201	1,549.99	A
Blackberry		49,873.47	207	1,708.75	A
Blueberry		6.14	1	0.98	A
Cherry		62,203.53	87	1,753.97	A
		0.72	1	10.00	U
Total Pounds On This Commodity	62,204.25				
Grape		457,058.64	421	22,997.82	A
Grape, Wine		169,441.06	462	10,490.84	A
Landscape Maintenance		90.32			
N-Grnhs Plants In Containers		0.42	2	0.05	A
N-Outdr Plants In Containers		17.64	5	1.13	A
N-Outdr Transplants		490.87	1	16.00	A
Nectarine		1,801.86	9	36.14	A
		2.03	3	36.00	U
Total Pounds On This Commodity	1,803.89				
Orchard Floor		0.58	2	0.70	A
Peach		7,773.05	70	818.62	A
		2.16	2	50.00	U
Total Pounds On This Commodity	7,775.21				
Pear		63,956.15	135	2,993.30	A
Pistachio		1,644.42	2	69.00	A
Plum		823.67	12	24.57	A
		0.15	1	4.00	U
Total Pounds On This Commodity	823.82				
Prune		958.73	8	48.50	A
Quince		6.14	1	0.33	A
Raspberry		59,633.44	168	1,761.31	A
Rights Of Way		300.66			
Strawberry		171.80	1	13.00	A
Structural Pest Control		15.34	1	5.00	A
		0.09			
Total Pounds On This Commodity	15.43				
Chemical Total		971,124.34	1,838		
LIMONENE					
Alfalfa		29.87	7	282.00	A
Almond		514.98	122	2,775.03	A
Animal Premise		0.53		2.00	U
Apple		0.07	1	1.50	A
Apricot		14.58	8	72.38	A
Cherry		359.93	68	1,421.28	A
Corn (Forage - Fodder)		17.51	4	158.00	A
Grape		443.51	81	1,914.24	A
Grape, Wine		343.83	16	968.56	A
Grapefruit		93.81	24	962.40	A
Landscape Maintenance		426.63			
		2.50	1	2.00	A
Total Pounds On This Commodity	429.13				
Lemon		97.12	54	1,336.00	A
N-Outdr Flower		6.33	1	1.36	A
N-Outdr Plants In Containers		26.40	3	10.00	A
Nectarine		392.56	146	1,431.12	A
Olive		94.68	47	1,785.00	A
Orange		1,537.95	363	29,281.20	A
Peach		344.45	246	2,421.81	A
Persimmon		0.16	6	3.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pistachio		4.23	3	16.20	A
Plum		274.63	153	2,170.64	A
Pluot		69.34	53	645.14	A
Prune		12.60	8	77.20	A
Rights Of Way		259.69			
Strawberry		122.06	1	8.00	A
Structural Pest Control		49,309.04			
Tangelo		9.72	4	83.60	A
Tangerine		67.74	11	906.00	A
Tomato, Processing		9.19	1	65.00	A
Turf/Sod		9.89	1	35.40	A
Uncultivated Ag		14.12	2	160.00	A
Uncultivated Non-Ag		410.44		10.00	A
Vertebrate Control		0.09			
Walnut		1,086.64	284	5,999.87	A
Water Area		2.53		8.00	A
		2.02		43,560.00	C
Total Pounds On This Commodity	4.56				
Chemical Total		56,411.37	1,719		
LINALOOL					
Landscape Maintenance		0.02			
N-Grnhs Plants In Containers		< 0.01	1	20,000.00	S
		< 0.01	1	0.50	A
Total Pounds On This Commodity	0.00				
Structural Pest Control		62.06			
Chemical Total		62.08	2		
LINDANE					
Landscape Maintenance		0.19			
N-Grnhs Flower		0.05	1	0.25	A
N-Outdr Plants In Containers		8.05		9.50	A
Chemical Total		8.28	1		
LINURON					
Asparagus		3,406.84	55	2,626.70	A
Carrot		40,891.21	1,247	53,612.58	A
Celery		5,494.29	849	10,409.23	A
Lettuce, Leaf		18.78	3	26.70	A
N-Grnhs Flower		24.63	28	27.75	A
N-Grnhs Plants In Containers		4.97	5	10.00	A
N-Outdr Flower		107.97	57	132.52	A
N-Outdr Transplants		426.50	42	461.00	A
Parsnip		16.25	1	13.00	A
Radish		0.70	1	0.90	A
Research Commodity		1.55			
Rights Of Way		25.53	4	32.13	A
		0.75			
Total Pounds On This Commodity	26.28				
Uncultivated Ag		93.33	9	75.10	A
Vertebrate Control		10.00	2	13.50	A
Chemical Total		50,523.29	2,303		
MAGNESIUM CHLORIDE					
Landscape Maintenance		8.04			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		8.04			
MAGNESIUM PHOSPHIDE					
Almond		2,600.06		2,072,652.00	C
		58.63		1,250.00	T
		18.35		61,040.00	K
Total Pounds On This Commodity	< 0.01				
Bean, Dried		9.64		26,000.00	C
Commodity Fumigation		3,155.27			
Dried Fruit		66.78		1,732,020.00	C
		2.47		56,000.00	K
Total Pounds On This Commodity	69.24				
Fumigation, Other		1,059.49			
Grape, Wine		5.32	16	32.00	A
Landscape Maintenance		7.16			
Nuts		0.14		3,000.00	S
Prune		104.19		8,751.00	K
		52.17		648,590.00	C
		0.24		4,776.00	S
Total Pounds On This Commodity	156.61				
Rice		8.23		21.00	U
Rice, Wild		< 0.01		300,000.00	U
Soybean		0.29		2.00	U
Storage Area/Box		0.25		6,000.00	C
Structural Pest Control		366.69			
Vertebrate Control		6.30			
Walnut		429.63		9,069.50	T
		6.16		90,750.00	C
Total Pounds On This Commodity	435.79				
Chemical Total		7,957.46	16		
MAGNESIUM SULFATE					
Alfalfa		1.66	3	238.00	A
Almond		318.46	65	5,255.89	A
Asparagus		1.43	1	102.30	A
Bean, Dried		3.41	8	490.00	A
Blueberry		20.08	7	603.00	A
Cherry		20.06	21	461.75	A
Cotton		1.80	2	172.00	A
Garlic		2.44	2	175.00	A
Grape		29.52	2	282.77	A
Kiwi		0.79	1	20.00	A
Melon		0.56	1	144.00	A
N-Outdr Plants In Containers		3.78	9	62.00	A
Nectarine		1.28	1	24.60	A
Peach		0.22	1	6.30	A
Pepper, Fruiting		0.82	2	94.00	A
Pistachio		348.27	50	7,235.14	A
Tomato, Processing		35.63	35	4,576.80	A
Walnut		0.90	1	27.50	A
Chemical Total		791.10	212		
MALACHITE GREEN					
Landscape Maintenance		0.08	1	1.00	A
Chemical Total		0.08	1		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MALATHION					
Alfalfa		76,761.31	1,172	66,538.12	A
Almond		17.56	1	133.00	A
Animal Premise		143.09		1.00	U
Apple		22.49	4	2.30	A
Arrugula		118.40	11	85.40	A
Avocado		156.90	88	774.00	A
Barley		1,505.82	21	1,225.77	A
Barley (Forage - Fodder)		81.99	2	67.00	A
Bean, Dried		839.13	18	682.80	A
Bean, Succulent		722.24	29	435.58	A
Bean, Unspecified		61.59	3	43.82	A
Beet		54.90	13	54.14	A
Bermudagrass		511.99	7	506.00	A
Blackberry		1,294.12	61	370.64	A
Blueberry		43.62	11	44.56	A
Bok Choy		418.75	79	202.05	A
Broccoli		22,658.35	1,362	12,847.96	A
Brussels Sprout		1,177.81	63	731.10	A
Cabbage		4,186.06	268	2,193.85	A
Carrot		1,764.10	17	874.05	A
Cauliflower		2,750.94	197	1,666.92	A
Celery		11,971.58	1,002	8,303.14	A
Cherry		1,793.72	31	548.75	A
Chinese Cabbage (Nappa)		683.60	65	330.85	A
Chive		12.59	9	4.50	A
Citrus		59.19	26	114.59	A
		0.69	9	99.00	U
Total Pounds On This Commodity	59.88				
Collard		686.07	55	410.14	A
Commodity Fumigation		79.72			
Corn (Forage - Fodder)		64.83	1	64.80	A
		0.07	3	310.00	U
Total Pounds On This Commodity	64.91				
Corn, Human Consumption		1,420.81	21	1,294.80	A
Cotton		537.62	7	387.00	A
Cucumber		24.54	34	34.30	A
Dandelion Green		2.04	2	2.00	A
Date		697.50	4	179.12	A
Eggplant		9.71	3	7.50	A
Endive (Escarole)		137.95	20	84.88	A
Fava Bean		4.58	1	3.00	A
Fennel		174.18	56	239.60	A
Fig		306.68	1	120.00	A
Fumigation, Other		38.84			
Gai Choy		1.56	3	3.00	A
Gai Lon		17.28	2	9.00	A
Garlic		558.18	12	276.00	A
Grain		20.45		1.00	A
Grape		2,324.45	37	985.41	A
Grape, Wine		9,983.78	85	4,385.03	A
Grapefruit		143.93	5	121.00	A
Guava		2.18	2	12.00	A
Kale		2,017.87	137	902.47	A
Kohlrabi		16.35	10	10.00	A
Kumquat		5.38	4	30.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		871.93			
		1.02	1	1.00	A
Total Pounds On This Commodity	872.95				
Leek		36.27	13	18.50	A
Lemon		11.78	7	35.50	A
Lettuce, Head		40,079.08	2,514	26,869.79	A
Lettuce, Leaf		61,560.56	1,707	17,353.15	A
Melon		9.60	1	5.00	A
Mint		81.45	30	89.00	A
Mustard		221.90	27	205.04	A
N-Grnhs Flower		11.25	4	7.50	A
		7.96	4	199,200.00	S
Total Pounds On This Commodity	19.22				
N-Grnhs Plants In Containers		183.02	83	90.15	A
		41.82	39	841,575.00	S
		0.63	9	46,560.00	U
Total Pounds On This Commodity	225.47				
N-Grnhs Transplants		65.98	48	52.00	A
		2.48	2	50,000.00	S
Total Pounds On This Commodity	68.46				
N-Outdr Flower		1,507.55	172	1,133.09	A
		4.80	22	67,900.00	S
Total Pounds On This Commodity	1,512.35				
N-Outdr Plants In Containers		5,119.37	834	3,305.86	A
		67.67	25	654,982.00	S
		6.65	15	9,642.53	U
Total Pounds On This Commodity	5,193.68				
N-Outdr Transplants		234.84	75	193.43	A
		12.00	4	168,000.00	S
Total Pounds On This Commodity	246.84				
Nectarine		22.49	2	3.00	A
Oat		167.69	2	140.00	A
Oat (Forage - Fodder)		14.81	1	125.00	A
Okra		2.30	1	7.00	A
Onion, Dry		9,142.10	131	6,188.80	A
Onion, Green		933.49	31	489.10	A
Orange		13,957.96	233	5,191.69	A
Parsley		45.90	10	45.00	A
Pastureland		103.48	2	90.00	A
Pear		16.27	6	5.50	A
Peas		655.39	109	1,076.28	A
Pecan		391.55	2	50.00	A
Pepper, Fruiting		149.25	6	101.60	A
Potato		42.36	2	17.73	A
Poultry		3.55		12.00	U
Public Health		4,071.95			
Pumpkin		675.59	24	820.00	A
Radish		41.99	21	23.75	A
Rangeland		24.04		10.00	A
Rappini		242.97	9	165.00	A
Raspberry		9,970.57	258	3,663.49	A
Regulatory Pest Control		22,846.88			
		1,736.59		3,000.00	A
		0.03		3,500.00	S
Total Pounds On This Commodity	24,583.51				
Research Commodity		16.35			
		0.86	1	0.48	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	17.21				
Rice		86.42	1	60.00	A
Rice, Wild		476.22	2	317.00	A
Rights Of Way		19.80			
Soil Fumigation/Preplant		4.01	1	2.03	A
Sorghum/Milo		352.72	3	230.00	A
Spinach		755.70	143	527.28	A
Squash		141.99	7	92.00	A
Squash, Summer		126.57	14	77.70	A
Squash, Zucchini		39.15	4	28.00	A
Strawberry		149,924.22	2,804	76,413.24	A
Structural Pest Control		8,715.58			
		0.16	1	18.00	A
Total Pounds On This Commodity	8,715.74				
Sunflower		1.92	1	4.00	A
Swiss Chard		301.49	36	175.01	A
Tangelo		4.84	1	10.00	A
Tangerine		5,882.14	10	591.75	A
Tomato		1,430.65	12	740.60	A
Tomato, Processing		38.64	2	45.00	A
Turnip		9.20	11	7.51	A
Uncultivated Ag		122.67		4.00	U
		2.62	2	2.00	A
Total Pounds On This Commodity	125.29				
Uncultivated Non-Ag		374.60	1	31.00	A
Unknown		8.42	17	12.50	A
Vertebrate Control		377.42	6	291.38	A
Walnut		21,411.26	258	5,479.63	A
		0.50	1	8.00	U
Total Pounds On This Commodity	21,411.76				
Watercress		262.37	79	251.12	A
Wheat		4,895.03	59	4,619.86	A
Wheat (Forage - Fodder)		7,924.54	102	7,320.53	A
Chemical Total		528,195.98	15,139		
MALEIC HYDRAZIDE, DIETHANOLAMINE SALT					
Potato		172.48	1	28.00	A
Chemical Total		172.48	1		
MALEIC HYDRAZIDE, POTASSIUM SALT					
Landscape Maintenance		1.69			
N-Grnhs Flower		0.19	1	0.25	A
Onion, Dry		5,319.74	85	2,048.60	A
Potato		21,290.18	103	5,719.58	A
Chemical Total		26,611.80	189		
MALIC ACID					
N-Grnhs Plants In Containers		0.38	60	75.44	A
N-Outdr Flower		0.01	2	8.00	A
N-Outdr Plants In Containers		0.45	59	88.85	A
Nectarine		0.15	1	14.80	A
Plum		0.15	1	15.46	A
Rights Of Way		0.48			
Chemical Total		1.62	123		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MANCOZEB					
Almond		7.00	1	40.00	A
Apple		15,385.88	267	5,873.33	A
Broccoli		33.75	1	15.00	A
Cauliflower		22.50	1	10.00	A
Christmas Tree		13.50	1	6.00	A
Commodity Fumigation		204.14			
		1.41	1	13,866.00	S
Total Pounds On This Commodity	205.55				
Corn, Human Consumption		6.75	2	6.00	A
Cucumber		400.44	19	250.70	A
Fennel		449.67	75	354.02	A
Garlic		192.00	2	105.00	A
Grape		20,997.81	387	16,347.89	A
Grape, Wine		15,780.76	450	10,363.87	A
Herb, Spice		0.09	1	0.50	A
Landscape Maintenance		38,236.34			
		223.65	12	167.50	A
		5.60		34,000.00	S
Total Pounds On This Commodity	38,465.59				
Melon		36.50	2	24.00	A
N-Grnhs Flower		565.62	368	473.64	A
		87.67	72	3,779,251.00	S
Total Pounds On This Commodity	653.29				
N-Grnhs Plants In Containers		774.73	510	708.39	A
		54.71	203	1,555,270.10	S
		1.22	9	150,000.00	U
Total Pounds On This Commodity	830.66				
N-Grnhs Transplants		733.83	138	404.70	A
		10.76	15	471,050.00	S
Total Pounds On This Commodity	744.59				
N-Outdr Flower		10,297.86	1,703	7,847.86	A
		198.32	100	3,247,294.00	S
Total Pounds On This Commodity	10,496.19				
N-Outdr Plants In Containers		4,335.79	850	3,001.64	A
		31.15	45	404,855.00	S
		6.34	3	445,500.00	U
Total Pounds On This Commodity	4,373.27				
N-Outdr Transplants		493.51	52	490.96	A
		274.50	16	7,680,000.00	U
		5.08	7	189,108.00	S
Total Pounds On This Commodity	773.09				
Onion, Dry		64,669.89	630	41,429.80	A
Onion, Green		369.82	10	228.70	A
Pear		49,438.12	426	15,952.95	A
Potato		18,695.35	353	18,531.25	A
		782.78	17	27,596.00	U
		102.60		550,000.00	P
		87.78		3,080.00	S
		79.86		975.30	T
Total Pounds On This Commodity	19,748.36				
Recreation Area		189.60	4	14.75	A
Research Commodity		99.93			
		0.35	3	0.32	A
Total Pounds On This Commodity	100.28				
Rice		327.16	16	2,585.00	A
Rights Of Way		12.15			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		147.00	2	32.70	A
		26.71			
Total Pounds On This Commodity	173.71				
Tomato		1,323.37	48	1,553.73	A
Tomato, Processing		17,148.48	214	16,262.11	A
Turf/Sod		12,515.18	108	1,550.63	A
		135.00		354,000.00	U
		116.10	2	298,000.00	S
Total Pounds On This Commodity	12,766.28				
Unknown		695.60	9	33.50	A
Watermelon		740.00	7	352.00	A
Chemical Total		277,571.70	7,162		
MANDIPROPAMID					
Arrugula		19.49	29	148.10	A
Bok Choy		252.82	103	125.37	A
Broccoli		366.05	59	2,914.13	A
Brussels Sprout		1.30	1	10.00	A
Cabbage		631.25	203	1,045.98	A
Cauliflower		33.40	9	266.50	A
Celery		2.16	2	11.09	A
Chinese Cabbage (Nappa)		230.82	113	257.22	A
Collard		803.36	312	611.72	A
Corn Salad		32.75	79	251.62	A
Cucumber		1.31	1	10.00	A
Endive (Escarole)		85.62	154	98.74	A
Fennel		5.19	3	39.80	A
Grape, Wine		0.25	1	2.00	A
Kale		272.98	122	213.34	A
Kohlrabi		108.20	52	48.07	A
Leek		1.40	9	10.72	A
Lettuce, Head		4,987.24	2,778	33,908.91	A
Lettuce, Leaf		6,129.10	4,386	38,069.76	A
Mizuna		3.70	9	36.33	A
Mustard		165.39	121	174.12	A
N-Grnhs Transplants		0.29	1	2.30	A
N-Outdr Transplants		7.92	85	60.72	A
Onion, Dry		767.26	75	6,075.30	A
Onion, Green		16.85	9	129.37	A
Parsley		8.71	7	66.80	A
Radicchio		55.65	9	8.75	A
Rappini		33.59	27	259.50	A
Research Commodity		0.08			
Rights Of Way		0.39	1	3.00	A
Spinach		2,953.70	2,324	21,405.54	A
Swiss Chard		253.30	111	231.35	A
Tomato		1.17	1	9.00	A
Unknown		0.98	1	7.50	A
Vertebrate Control		0.40	1	3.08	A
Chemical Total		18,234.06	11,198		
MANEB					
Almond		14,460.93	181	15,992.80	A
Apple		144.00	3	46.00	A
Bok Choy		1,252.86	327	1,350.06	A
Broccoli		5,161.02	263	3,799.11	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		6.98	5	46,975.00	S
Total Pounds On This Commodity	5,168.01				
Brussels Sprout		229.46	17	154.64	A
Cabbage		4,268.60	579	3,625.60	A
Cauliflower		1,350.27	112	989.45	A
Celery		46.26	4	64.20	A
Chinese Cabbage (Nappa)		1,616.44	443	1,185.13	A
Cucumber		1,180.15	23	789.01	A
Endive (Escarole)		812.65	139	97.82	A
Garlic		613.17	5	767.00	A
Grape		4,367.22	98	3,969.81	A
Grape, Wine		53.63	3	61.00	A
Kohlrabi		32.12	33	31.93	A
Landscape Maintenance		69.58			
Lettuce, Head		225,808.66	12,544	168,426.50	A
Lettuce, Leaf		176,182.47	12,261	128,830.39	A
Melon		22.50	2	15.00	A
N-Grnhs Plants In Containers		76.04	54	42.52	A
		4.87	8	262,395.00	S
Total Pounds On This Commodity	80.90				
N-Grnhs Transplants		394.05	308	431.20	A
		91.70	46	2,225,798.00	S
Total Pounds On This Commodity	485.74				
N-Outdr Flower		980.00	18	86.78	A
		9.67	8	193,500.00	S
Total Pounds On This Commodity	989.67				
N-Outdr Plants In Containers		453.30	76	265.87	A
N-Outdr Transplants		1,334.81	336	742.83	A
		244.05	256	9,971,969.44	S
Total Pounds On This Commodity	1,578.86				
Oat		9.62	1	80.00	A
Onion, Dry		29,208.00	506	18,206.99	A
Onion, Green		1,088.49	72	533.44	A
Pepper, Fruiting		2,347.29	61	2,039.05	A
		16.76	7	197,310.00	S
Total Pounds On This Commodity	2,364.05				
Potato		9,136.03	124	8,236.70	A
Research Commodity		32.49			
Rights Of Way		14.89	1	9.95	A
Spinach		1.84	1	0.92	A
Squash, Summer		7.88	1	7.00	A
Structural Pest Control		0.78			
Tomato		6,098.04	210	6,018.91	A
Tomato, Processing		13,266.49	207	14,426.94	A
Turf/Sod		1,862.52	17	138.08	A
Vertebrate Control		1.40	1	10.00	A
Walnut		187,341.26	3,124	110,505.32	A
Watermelon		627.82	41	671.72	A
Chemical Total		692,329.08	32,526		
MANGANESE SULFATE					
Alfalfa		226.89	339	21,221.83	A
Almond		89.21	54	2,858.50	A
Apple		0.30	3	8.50	A
Asparagus		0.44	1	92.00	A
Bean, Dried		1.88	3	134.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cantaloupe		8.57	15	813.30	A
Cherry		13.33	3	158.60	A
Corn (Forage - Fodder)		34.51	23	1,195.23	A
Corn, Human Consumption		134.83	89	8,338.91	A
Cotton		115.58	113	13,805.80	A
Grape		430.82	249	11,002.26	A
Grape, Wine		61.42	29	1,133.29	A
Landscape Maintenance		0.39			
Melon		15.20	38	1,197.00	A
N-Grnhs Flower		0.35	2	3.00	A
N-Outdr Plants In Containers		0.92	3	3.00	A
		< 0.01	1	7,200.00	S
Total Pounds On This Commodity	0.93				
Oat (Forage - Fodder)		0.90	1	33.00	A
Peach		8.51	7	91.40	A
Pistachio		243.54	51	3,662.45	A
Regulatory Pest Control		6.75			
		0.68		3,000.00	A
Total Pounds On This Commodity	7.44				
Rice		28.73	16	842.40	A
Safflower		19.96	10	2,452.00	A
Sorghum (Forage - Fodder)		0.83	1	172.00	A
Sorghum/Milo		1.04	2	86.40	A
Sugarbeet		3.03	5	372.89	A
Tomato, Processing		4.99	2	339.20	A
Walnut		78.97	43	1,196.80	A
Wheat		3.46	5	264.00	A
Wheat (Forage - Fodder)		14.24	20	2,721.71	A
Chemical Total		1,550.33	1,128		
MCPA					
Landscape Maintenance		32.78			
Chemical Total		32.78			
MCPA, DIMETHYLAMINE SALT					
Alfalfa		354.10	10	523.00	A
Barley		5,581.03	129	7,824.57	A
Barley (Forage - Fodder)		348.55	17	802.00	A
Corn (Forage - Fodder)		103.40	4	246.00	A
Forage Hay/Silage		3,438.38	105	4,627.34	A
Grain		62.28	1	75.00	A
Grass, Seed		57.53	4	41.00	A
Landscape Maintenance		3,077.05			
		12.07	6	47.10	A
		0.33	1	1.00	U
Total Pounds On This Commodity	3,089.45				
N-Outdr Plants In Containers		0.03	2	2.00	A
N-Outdr Transplants		191.80	2	158.00	A
Oat		11,859.83	341	19,189.90	A
		0.37	1	10,000.00	U
Total Pounds On This Commodity	11,860.20				
Oat (Forage - Fodder)		38,194.86	1,263	56,136.27	A
		41.53	1	50.00	U
Total Pounds On This Commodity	38,236.39				
Pastureland		775.54	21	1,189.59	A
Regulatory Pest Control		9.60			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Research Commodity		7.88			
Rights Of Way		784.82			
		8.50	1	5.00	A
Total Pounds On This Commodity	793.32				
Rye		361.87	14	465.76	A
Ryegrass		314.28	11	492.20	A
Sudangrass		28.79	1	26.00	A
Tomato, Processing		79.69	3	95.90	A
Triticale		979.50	19	2,478.00	A
Uncultivated Ag		1,034.11	29	1,537.20	A
Wheat		80,829.29	1,841	125,373.38	A
Wheat (Forage - Fodder)		54,987.05	1,630	88,533.47	A
Chemical Total		203,524.08	5,457		
MCPA, 2-ETHYL HEXYL ESTER					
Landscape Maintenance		353.29			
		11.00	2	7.00	A
Total Pounds On This Commodity	< 0.01				
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	2		
MCPA, ISOOCTYL ESTER					
Landscape Maintenance		3,347.30			
		0.19	1	13.00	A
Total Pounds On This Commodity	< 0.01				
N-Outdr Plants In Containers		3.60	2	2.00	A
Structural Pest Control		5.87			
Chemical Total		3,356.96	3		
MCPP					
Landscape Maintenance		110.14			
		0.37	1	10.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Transplants		< 0.01	1	10,000.00	S
N-Outdr Plants In Containers		< 0.01	1	0.01	A
Rights Of Way		0.37			
Structural Pest Control		0.86			
Chemical Total		111.74	3		
MCPP, DIETHANOLAMINE SALT					
Landscape Maintenance		5.27			
Chemical Total		5.27			
MCPP, DIMETHYLAMINE SALT					
Landscape Maintenance		612.16			
		26.61	7	282.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Transplants		4.39		22.60	A
N-Outdr Plants In Containers		0.14	2	4.67	A
Rights Of Way		21.68			
Structural Pest Control		1.00			
Turf/Sod		115.26	20	370.77	A
		1.03	1	74,000.00	S
Total Pounds On This Commodity	116.28				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	30		
MCPP, POTASSIUM SALT					
Landscape Maintenance		850.04			
N-Grnhs Plants In Containers		2.90	3	8,491.00	U
		2.23	6	6.00	A
		0.56	5	69,600.00	S
Total Pounds On This Commodity	5.69				
N-Grnhs Transplants		5.56		116.40	A
N-Outdr Plants In Containers		0.28	1	15,000.00	S
		0.15	1	3.00	A
Total Pounds On This Commodity	0.43				
Rights Of Way		52.48			
Structural Pest Control		2.82			
Turf/Sod		5.46		17.80	A
Chemical Total		922.48	16		
MCPP-P, DIMETHYLAMINE SALT					
Landscape Maintenance		1,805.09			
		4.05	4	35.00	A
		0.04	1	1.00	U
Total Pounds On This Commodity	< 0.01				
N-Outdr Transplants		70.30	10	183.50	A
Regulatory Pest Control		1.90			
Rights Of Way		7.35			
Structural Pest Control		1.31			
Turf/Sod		294.62	48	997.90	A
Unknown		10.53		33.00	A
Chemical Total		2,195.18	63		
MCPP-P, POTASSIUM SALT					
Landscape Maintenance		7.07			
Chemical Total		7.07			
MECOPROP-P					
Landscape Maintenance		1,685.41			
		21.11	27	532.90	A
		0.07	2	24,000.00	S
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		0.03		0.50	A
N-Outdr Plants In Containers		0.02	5	3.09	A
Rights Of Way		100.33			
Structural Pest Control		7.05			
Turf/Sod		75.55	60	1,587.76	A
		5.61		4,086.00	T
		0.39	5	146,000.00	S
Total Pounds On This Commodity	81.55				
Uncultivated Non-Ag		5.11	4	64.00	A
Unknown		3.82	4	56.00	A
Chemical Total		1,904.51	107		
MEFENOXAM					
Alfalfa		118.72		315.65	T

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		33.66		218,386.00	?
Total Pounds On This Commodity	< 0.01				
Almond		378.44	9	874.50	A
Arrugula		9.97	13	56.90	A
Avocado		4.51	3	6.00	A
Basil, Sweet		3.01	2	6.00	A
Bean, Dried		29.97		368,176.51	U
		25.37		899,600.00	P
		21.50		1,484.00	C
Total Pounds On This Commodity	76.84				
Bean, Succulent		28.93	5	91.94	A
Bean, Unspecified		26.51		651,800.00	U
Beet		60.03	15	129.09	A
Bok Choy		63.27	31	62.75	A
Broccoli		433.02	311	3,610.12	A
Brussels Sprout		6.65	7	62.10	A
Cabbage		6.25	20	61.93	A
Cantaloupe		846.76	21	2,575.38	A
Carrot		12,099.88	967	63,268.55	A
		0.78		2,385.18	K
Total Pounds On This Commodity	12,100.67				
Cauliflower		37.78	30	330.50	A
Celery		6.24	2	28.00	A
Cherry		14.03	2	25.00	A
Chervil		0.50	1	1.00	A
Chinese Cabbage (Nappa)		39.54	135	381.93	A
Chive		4.76	2	9.50	A
Cilantro		8.37	3	10.10	A
Collard		81.14	37	204.56	A
Commodity Fumigation		10,196.93			
Corn, Human Consumption		< 0.01		87.80	A
		< 0.01		86.00	P
Total Pounds On This Commodity	0.00				
Cotton		421.48		2,873.60	T
Cucumber		301.30	66	2,724.50	A
Eggplant		26.46	3	59.00	A
Fennel		6.37	5	50.90	A
Fumigation, Other		5.97			
Gai Lon		22.71	63	359.98	A
Garlic		2.60	5	82.65	A
Grapefruit		2.55	3	102.00	A
Greenhouse Fumigation		0.36	4	0.61	A
Herb, Spice		4.88	8	24.25	A
Kale		27.28	34	231.06	A
Kohlrabi		19.43	2	2.07	A
Landscape Maintenance		659.30			
		3.11	7	323.00	A
Total Pounds On This Commodity	662.41				
Lemon		273.72	20	1,008.28	A
Lettuce, Head		1,480.76	929	10,966.56	A
		0.02		5.42	K
Total Pounds On This Commodity	1,480.78				
Lettuce, Leaf		1,570.80	815	10,417.47	A
		0.01		44.57	K
Total Pounds On This Commodity	1,570.82				
Melon		54.83	19	424.05	A
Mizuna		27.39	11	81.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Mustard		144.94	100	230.55	A
N-Grnhs Flower		34.00	380	451.84	A
		19.39	205	3,962,058.60	S
		9.47	48	30,566.00	U
Total Pounds On This Commodity	62.86				
N-Grnhs Plants In Containers		347.64	1,272	2,452.92	A
		83.23	1,001	24,275,584.00	S
		1.38	37	224,906.00	U
Total Pounds On This Commodity	432.25				
N-Grnhs Transplants		22.89	121	507.13	A
		19.16	394	2,734,254.00	S
		0.50	10	25,600.00	U
Total Pounds On This Commodity	42.55				
N-Outdr Flower		109.20	298	394.92	A
		1.69	21	638,836.00	S
Total Pounds On This Commodity	110.89				
N-Outdr Plants In Containers		702.57	2,299	5,508.64	A
		45.61	498	4,005,825.00	S
		2.36	57	89,460.00	U
Total Pounds On This Commodity	750.54				
N-Outdr Transplants		167.48	160	303.91	A
		7.35	25	100,400.00	U
		2.88	36	126,590.00	S
Total Pounds On This Commodity	177.71				
Onion, Dry		4,004.11	712	40,171.16	A
		9.39		75,874.00	P
		9.10		75,874.00	U
		0.15		473.43	K
Total Pounds On This Commodity	4,022.75				
Onion, Green		108.80	77	810.00	A
Orange		1,924.62	170	6,296.62	A
Parsley		132.79	14	18.44	A
Parsnip		2.54	1	13.00	A
Peas		0.08	1	0.80	A
Pepper, Fruiting		1,658.69	194	5,829.70	A
Pepper, Spice		3.47	1	6.75	A
Pistachio		6.32	3	6.00	A
Potato		626.80	97	5,916.59	A
Pumpkin		124.85	20	806.00	A
Radish		158.66	124	818.16	A
Rappini		89.81	50	794.85	A
Raspberry		257.96	35	416.53	A
Regulatory Pest Control		0.97			
Research Commodity		5.16			
		4.86	4	15.73	A
Total Pounds On This Commodity	10.03				
Rights Of Way		9.21	7	6.03	A
Sage		1.00	1	2.00	A
Soil Fumigation/Preplant		45.63		191,761.50	C
		13.04	2	32.25	A
Total Pounds On This Commodity	58.67				
Spinach		6,850.27	1,700	12,039.72	A
		0.08		546.00	P
		0.04		2,673.60	U
Total Pounds On This Commodity	6,850.39				
Squash		11.17	6	54.60	A
Squash, Summer		4.16	4	24.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Squash, Winter		33.77	7	195.69	A
Strawberry		3,003.77	211	7,228.83	A
Structural Pest Control		6.13			
Sunflower		1.40		4,588.10	P
Swiss Chard		42.08	39	114.08	A
Tangerine		1,106.72	52	4,640.02	A
Thyme		1.50	1	3.00	A
Tomato		835.99	210	7,839.59	A
Tomato, Processing		5,671.08	392	28,800.42	A
Turf/Sod		585.41	51	1,220.27	A
Turnip		13.53	23	79.46	A
Unknown		0.13	1	1.00	A
Vertebrate Control		97.90	3	121.00	A
Walnut		1.29	7	2.70	A
Watermelon		558.23	64	2,855.73	A
Wheat		6.92		364,453.00	U
Chemical Total		59,249.18	14,856		
MEFENOXAM, OTHER RELATED					
Alfalfa		3.68		315.65	T
Bean, Dried		0.79		899,600.00	P
		0.65		995.00	C
Total Pounds On This Commodity	1.44				
Beet		1.77	15	129.09	A
Broccoli		1.91	40	582.60	A
Cabbage		0.06	4	24.30	A
Carrot		64.09	185	9,917.39	A
		0.02		2,385.18	K
Total Pounds On This Commodity	64.12				
Cauliflower		0.09	6	45.90	A
Celery		0.12	1	12.00	A
Chinese Cabbage (Nappa)		0.17	41	68.25	A
Collard		0.01	1	2.94	A
Commodity Fumigation		269.21			
Corn, Human Consumption		< 0.01		87.80	A
		< 0.01		86.00	P
Total Pounds On This Commodity	0.00				
Cotton		11.96		2,586.90	T
Cucumber		0.67	10	261.00	A
Fumigation, Other		0.18			
Gai Lon		0.09	19	60.50	A
Garlic		0.10	5	82.65	A
Grapefruit		0.07	3	102.00	A
Greenhouse Fumigation		0.01	4	0.61	A
Kale		0.02	1	4.39	A
Landscape Maintenance		18.20			
		0.07	3	133.00	A
Total Pounds On This Commodity	18.27				
Lemon		0.60	4	102.30	A
Lettuce, Head		2.45	39	666.20	A
		< 0.01		5.42	K
Total Pounds On This Commodity	2.45				
Lettuce, Leaf		2.61	55	705.90	A
		< 0.01		44.57	K
Total Pounds On This Commodity	2.61				
Melon		0.15	6	39.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Mustard		0.18	9	46.97	A
N-Grnhs Flower		0.75	213	321.48	A
		0.60	177	3,886,658.60	S
		0.29	48	30,566.00	U
Total Pounds On This Commodity	1.64				
N-Grnhs Plants In Containers		8.97	947	1,110.99	A
		2.62	972	24,119,758.00	S
		0.04	35	220,506.00	U
Total Pounds On This Commodity	11.64				
N-Grnhs Transplants		0.51	316	1,973,704.00	S
		0.15	88	322.56	A
		< 0.01	1	3,200.00	U
Total Pounds On This Commodity	0.66				
N-Outdr Flower		3.55	273	380.20	A
		0.05	21	638,836.00	S
Total Pounds On This Commodity	3.61				
N-Outdr Plants In Containers		19.63	1,741	4,488.41	A
		1.35	492	3,956,325.00	S
		0.05	55	85,960.00	U
Total Pounds On This Commodity	21.03				
N-Outdr Transplants		1.26	87	99.37	A
		0.08	33	110,590.00	S
		< 0.01	2	7,200.00	U
Total Pounds On This Commodity	1.34				
Onion, Dry		8.69	78	3,818.39	A
		0.28		75,874.00	U
		< 0.01		473.43	K
Total Pounds On This Commodity	8.98				
Onion, Green		0.25	13	62.20	A
Orange		2.02	64	1,359.43	A
Pepper, Fruiting		19.33	48	1,663.37	A
Pistachio		0.18	3	6.00	A
Potato		0.02	2	10.00	A
Radish		2.34	25	289.00	A
Raspberry		0.26	2	18.00	A
Regulatory Pest Control		0.03			
Research Commodity		0.15			
		< 0.01	3	6.73	A
Total Pounds On This Commodity	0.16				
Rights Of Way		0.25	5	5.13	A
Soil Fumigation/Preplant		1.41		191,761.50	C
		< 0.01	1	6.00	A
Total Pounds On This Commodity	1.41				
Spinach		8.82	106	938.84	A
		< 0.01		546.00	P
		< 0.01		2,673.60	U
Total Pounds On This Commodity	8.82				
Strawberry		22.92	48	2,454.85	A
Structural Pest Control		0.13			
Sunflower		0.04		4,588.10	P
Tangerine		0.65	4	59.20	A
Tomato		6.16	41	877.41	A
Tomato, Processing		4.67	11	1,195.67	A
Turf/Sod		19.24	51	1,220.27	A
Turnip		0.17	7	18.30	A
Vertebrate Control		0.94	1	60.00	A
Walnut		0.04	7	2.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Watermelon		0.01	1	1.00	A
Chemical Total		518.89	6,473		
MEFLUIDIDE, DIETHANOLAMINE SALT					
Landscape Maintenance		387.02			
		0.61	4	208.00	A
Total Pounds On This Commodity	< 0.01				
Rights Of Way		205.34			
Structural Pest Control		1.17			
Turf/Sod		1.29		90.00	A
		0.48	2	1,250,000.00	S
Total Pounds On This Commodity	1.78				
Vertebrate Control		11.91			
Chemical Total		607.83	6		
MEPIQUAT CHLORIDE					
Cotton		4,208.72	1,678	96,426.76	A
N-Grnhs Flower		0.09	1	3.00	A
Chemical Total		4,208.82	1,679		
MESOSULFURON-METHYL					
Forage Hay/Silage		0.27	1	30.00	A
Landscape Maintenance		0.20	1	15.10	A
Triticale		25.88	32	1,916.90	A
Uncultivated Ag		0.20	1	15.00	A
Wheat		658.92	711	53,170.97	A
Wheat (Forage - Fodder)		92.31	120	7,159.15	A
Chemical Total		777.78	866		
META-CRESOL					
Grape, Wine		0.07	5	27.71	A
N-Outdr Plants In Containers		0.05	8	39.00	A
Walnut		0.10	1	40.00	A
Chemical Total		0.23	14		
METAFLUMIZONE					
Almond		0.09	1	120.00	A
Chemical Total		0.09	1		
METALAXYL					
Bean, Succulent		0.50	1	2.00	A
Broccoli		0.95	4	9.50	A
Carrot		11.61		50,718.95	P
Cauliflower		0.32	2	2.00	A
Corn, Human Consumption		18.57	1	14.00	A
Grape, Wine		3.00	1	1.50	A
Landscape Maintenance		47.33			
Lettuce, Leaf		1.38	1	22.00	A
N-Grnhs Flower		0.63	7	1,295,099.00	S
		0.08	3	2.66	A
Total Pounds On This Commodity	0.71				
N-Grnhs Plants In Containers		13.39	143	3,879,237.00	S
		1.45	25	11.16	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	14.84				
N-Grnhs Transplants		2.16	3	12.00	A
		1.03	2	55,000.00	S
Total Pounds On This Commodity	3.20				
N-Outdr Flower		64.29	379	6,178,250.00	S
		0.38	17	4.40	A
Total Pounds On This Commodity	64.67				
N-Outdr Plants In Containers		7.09	85	354,120.00	S
		0.95	12	45.50	A
Total Pounds On This Commodity	8.04				
N-Outdr Transplants		28.36	26	48.88	A
		3.01	1	17,000.00	U
Total Pounds On This Commodity	31.38				
Onion, Dry		6.90	1	39.40	A
Pepper, Fruiting		136.06	28	1,360.60	A
Potato		0.09	1	0.50	A
Raspberry		4.25	8	44.30	A
Regulatory Pest Control		0.03			
Research Commodity		0.25			
Rights Of Way		6.12	1	13.00	A
		4.00			
Total Pounds On This Commodity	10.12				
Sunflower		1.22		2,013.85	P
Tomato		2.79	5	15.50	A
Vegetable		61.29		2,580.00	P
Wheat		28.73		1,436,420.00	P
		8.81		391,630.00	?
Total Pounds On This Commodity	37.54				
Chemical Total		467.04	757		
METALDEHYDE					
Apricot		3.96	1	23.00	A
Artichoke, Globe		11,042.03	282	7,551.53	A
Avocado		262.10	37	440.04	A
Blackberry		12.23	3	13.36	A
Blueberry		4.00	1	8.00	A
Bok Choy		3.73	8	7.50	A
		0.02	1	16,000.00	S
Total Pounds On This Commodity	3.75				
Broccoli		101.25	4	96.90	A
Brussels Sprout		40.24	6	195.00	A
Cabbage		0.38	1	0.50	A
Celery		12.16	3	14.20	A
Cherry		39.50	8	160.00	A
Citrus		188.87	22	994.52	A
Commodity Fumigation		1.12	1	36,546.00	S
Fumigation, Other		0.21			
Grape		4.00	1	18.00	A
Grape, Wine		256.48	13	634.60	A
Grapefruit		142.40	31	522.60	A
Kumquat		6.20	6	12.50	A
Landscape Maintenance		3,593.18			
		28.43	13	617.00	A
Total Pounds On This Commodity	3,621.61				
Lemon		13,455.37	984	24,125.03	A
Lettuce, Head		427.95	28	285.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		14.44	4	33.80	A
Lime		5.54	5	13.00	A
Mint		1.20	3	3.00	A
N-Grnhs Flower		546.33	46	166.51	A
		15.12	13	384,300.00	S
		0.04	1	3,000.00	U
Total Pounds On This Commodity	561.49				
N-Grnhs Plants In Containers		592.18	264	605.60	A
		371.11	249	8,670,840.00	S
		1.41	34	8,200.00	U
Total Pounds On This Commodity	964.70				
N-Grnhs Transplants		16.95	14	244,244.00	S
		14.73	43	49.39	A
Total Pounds On This Commodity	31.68				
N-Outdr Flower		456.34	75	666.95	A
		10.96	20	211,000.00	S
Total Pounds On This Commodity	467.30				
N-Outdr Plants In Containers		5,874.72	929	7,745.50	A
		312.16	456	8,229,809.00	S
		3.32	17	59,262.00	U
Total Pounds On This Commodity	6,190.20				
N-Outdr Transplants		135.59	45	217.40	A
		29.70	10	2,181,360.00	S
Total Pounds On This Commodity	165.29				
Orange		8,875.26	838	24,822.98	A
Pear		1.60	2	8.00	A
Pomelo		26.00	1	42.00	A
Raspberry		208.12	30	303.04	A
Regulatory Pest Control		0.18			
Research Commodity		0.02			
Rights Of Way		173.28			
Squash		0.03	1	0.50	A
Strawberry		813.20	36	750.00	A
Structural Pest Control		951.98			
Tangelo		143.70	17	327.24	A
Tangerine		680.66	64	4,018.29	A
Uncultivated Ag		0.80	2	2.00	A
Unknown		4.00	2	18.00	A
		0.18		5,000.00	S
Total Pounds On This Commodity	4.18				
Vertebrate Control		7.38			
		0.20	2	0.26	A
Total Pounds On This Commodity	7.58				
Chemical Total		49,914.20	4,677		
METAM-SODIUM					
Almond		1,282.37	1	5.00	A
Avocado		21.17	1	0.26	A
Bean, Succulent		1,904.99	1	30.00	A
Bermudagrass		4,743.42	1	24.90	A
Broccoli		33,210.03	4	194.60	A
Brussels Sprout		24,248.13	18	284.00	A
Cabbage		5.90	2	24.59	A
Cantaloupe		203,468.18	46	6,474.77	A
Carrot		3,358,331.66	247	16,610.46	A
Cauliflower		6,838.91	2	32.31	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Celery		1,587.49	3	5.00	A
Cilantro		9,588.44	2	45.30	A
Eggplant		2,709.32	2	12.00	A
Grape		4,164.49	1	39.00	A
Grape, Wine		19,018.68	3	130.00	A
Kiwi		2,328.32	4	12.80	A
Landscape Maintenance		6,540.31			
Lemon		482.27	68	37.57	A
Lettuce, Head		116,445.55	44	1,286.92	A
Lettuce, Leaf		16,996.72	3	115.50	A
Melon		61,294.76	22	1,985.49	A
N-Grnhs Plants In Containers		0.79		3.00	A
N-Outdr Flower		14,432.17	25	130.60	A
N-Outdr Plants In Containers		34,140.01	14	349.00	A
N-Outdr Transplants		6,982.83	3	42.30	A
Onion, Dry		153,912.00	11	968.30	A
Orange		8,784.64	5	80.51	A
Pastureland		3.31	1	13.00	A
Pepper, Fruiting		189,383.22	41	1,268.13	A
Potato		1,141,939.41	119	7,061.70	A
Public Health		2.90			
Pumpkin		5,129.47	1	80.00	A
Radicchio		4,868.30	1	23.00	A
Regulatory Pest Control		1,299.35			
Research Commodity		232.83	1	0.56	A
		178.21			
Total Pounds On This Commodity	411.04				
Rights Of Way		103,366.83			
Sewage System		6,337.24		244,262.00	U
		780.19		13,187.88	C
Total Pounds On This Commodity	7,117.43				
Soil Fumigation/Preplant		486,056.55	69	3,025.36	A
Spinach		38,417.25	13	283.60	A
Squash		1,058.33	1	10.80	A
Strawberry		238,910.82	66	1,347.89	A
Structural Pest Control		0.09			
Sudangrass		15,510.83	1	73.00	A
Sunflower		5,061.07	1	74.00	A
Sweet Potato		476,737.84	82	1,835.45	A
Tomato		166,189.58	33	2,697.00	A
Tomato, Processing		1,529,058.25	231	23,358.12	A
Turf/Sod		3,668.24	2	11.50	A
Uncultivated Ag		200,537.78	25	1,104.81	A
Uncultivated Non-Ag		5.28			
Unknown		27,842.45	2	118.00	A
Vegetable		808.56	1	2.75	A
Walnut		1,002.38	19	441.25	A
Watermelon		71,050.74	13	1,013.50	A
Wheat		15,157.49	2	93.00	A
Chemical Total		8,824,058.34	1,258		
METCONAZOLE					
Landscape Maintenance		3.61			
Chemical Total		3.61			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
METHAMIDOPHOS					
Alfalfa		13,305.36	196	15,517.10	A
Cotton		1,043.14	9	1,074.00	A
Cucumber		95.01	1	96.50	A
Potato		1,328.15	26	1,353.00	A
Structural Pest Control		6.11			
Tomato		339.81	11	399.82	A
Tomato, Processing		1,816.35	34	1,968.00	A
Chemical Total		17,933.93	277		
METHIDATHION					
Alfalfa		10,174.54	142	10,290.40	A
Almond		81.28	3	63.50	A
Apple		377.47	11	404.00	A
Apricot		10.17	1	0.50	A
Artichoke, Globe		7,875.41	225	7,868.30	A
Cherry		183.02	5	130.00	A
Citrus		4.00	2	8.00	A
Forage Hay/Silage		38.51	5	325.00	A
Grapefruit		65.25	3	18.25	A
Kiwi		183.58	9	129.00	A
Landscape Maintenance		1.75			
N-Grnhs Plants In Containers		0.91	4	3.76	A
N-Outdr Plants In Containers		72.25	8	43.16	A
N-Outdr Transplants		95.29	7	86.50	A
Olive		1,319.62	17	789.00	A
Orange		2,081.62	28	498.64	A
Peach		1,228.72	27	703.50	A
Pear		9.74	2	13.00	A
Plum		14.00	1	14.00	A
Prune		1,628.16	21	1,201.00	A
Safflower		14,222.05	82	28,438.30	A
Tangerine		6,018.54	13	1,949.70	A
Timothy		532.86	5	681.00	A
Walnut		975.62	23	529.00	A
Chemical Total		47,194.36	644		
METHIOCARB					
Landscape Maintenance		5.17			
Lemon		10.00	1	100.00	A
N-Grnhs Flower		131.78	86	190.78	A
		20.57	17	833,371.00	S
Total Pounds On This Commodity	152.35				
N-Grnhs Plants In Containers		455.33	219	480.41	A
		68.80	128	3,152,793.00	S
Total Pounds On This Commodity	524.14				
N-Outdr Flower		368.75	97	254.96	A
		16.98	16	324,810.00	S
Total Pounds On This Commodity	385.72				
N-Outdr Plants In Containers		1,922.11	367	864.17	A
		27.65	57	1,742,564.00	S
		7.88	8	4,434.00	U
Total Pounds On This Commodity	1,957.63				
N-Outdr Transplants		2.25	1	6.00	A
Structural Pest Control		0.13			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	3,037.39	997		
METHOMYL				
Alfalfa	8,487.82	294	18,725.48	A
Animal Premise	1.36		13.00	U
Apple	0.38	1	6.30	A
Asparagus	315.27	4	358.30	A
Bean, Dried	2,298.76	81	3,933.30	A
Bean, Succulent	1,057.30	36	1,870.50	A
Bean, Unspecified	143.64	6	344.20	A
Beet	318.21	115	355.08	A
Bitter Melon	0.03	1	0.50	A
Blueberry	531.90	6	591.00	A
Bok Choy	118.01	94	146.89	A
Broccoli	2,992.85	326	3,883.80	A
Cabbage	827.76	185	1,296.48	A
Cantaloupe	2,946.14	71	3,793.95	A
Carrot	1,265.02	74	2,154.50	A
Cauliflower	635.61	61	810.66	A
Celery	3,404.23	483	4,516.68	A
Chinese Cabbage (Nappa)	166.04	91	219.01	A
Collard	82.19	49	110.28	A
Corn (Forage - Fodder)	3,227.77	183	6,879.07	A
Corn, Human Consumption	44,353.70	2,294	107,714.88	A
Cotton	222.35	8	458.96	A
Cucumber	299.03	12	554.50	A
Eggplant	5.53	8	20.75	A
Endive (Escarole)	279.73	118	384.52	A
Fennel	175.28	20	202.50	A
Gai Lon	2.25	1	5.00	A
Garlic	1,501.00	47	4,064.15	A
Grape	8,573.51	269	13,900.79	A
Grape, Wine	5,215.63	78	6,007.14	A
Grapefruit	32.33	4	39.90	A
Kale	34.52	20	44.82	A
Leek	26.82	8	29.80	A
Lemon	4.05	1	9.00	A
Lettuce, Head	32,690.43	3,139	54,469.43	A
Lettuce, Leaf	29,655.92	4,210	45,578.85	A
Melon	439.47	10	565.40	A
Mustard	19.45	9	22.36	A
N-Outdr Flower	6.05	6	7.85	A
N-Outdr Plants In Containers	27.68	6	34.00	A
Nectarine	5,566.04	242	6,324.91	A
Onion, Dry	19,486.86	598	25,547.51	A
Onion, Green	90.00	5	150.40	A
Orange	1,546.45	68	1,889.20	A
Peach	321.82	26	354.71	A
Pear	13.50	3	30.00	A
Peas	2,531.22	281	3,579.40	A
Pepper, Fruiting	1,699.66	69	2,566.77	A
Pepper, Spice	74.16	7	97.30	A
Pimento	6.80	1	15.10	A
Pomegranate	7,393.28	104	9,258.31	A
Potato	4,852.67	78	6,156.36	A
Poultry	4.95		23.00	U
Pumpkin	74.10	6	232.90	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rappini		249.12	12	348.70	A
Research Commodity		29.25	4	24.23	A
		14.72			
Total Pounds On This Commodity	43.97				
Soil Fumigation/Preplant		22.50	3	25.00	A
Sorghum (Forage - Fodder)		260.10	18	578.00	A
Spinach		3,933.29	595	5,975.59	A
Squash		198.05	14	357.00	A
Squash, Summer		6.89	2	12.30	A
Strawberry		6,104.43	165	7,641.19	A
Structural Pest Control		77.04			
Sudangrass		585.32	29	1,266.70	A
Sugarbeet		3,259.80	84	6,058.92	A
Sweet Potato		64.80	3	111.00	A
Swiss Chard		77.49	67	85.93	A
Tangelo		1.35	1	3.00	A
Tangerine		151.93	9	180.94	A
Tomatillo		11.48	2	17.00	A
Tomato		2,288.87	100	3,083.43	A
Tomato, Processing		4,330.74	102	7,251.23	A
Turnip		30.13	5	33.48	A
Uncultivated Ag		63.90	1	142.00	A
Vertebrate Control		37.80	1	42.00	A
Walnut		3.33	1	60.00	A
Watermelon		2,955.08	74	3,414.46	A
Wheat		56.25	1	125.00	A
Chemical Total		220,860.15	15,210		
METHOPRENE					
Landscape Maintenance		0.09			
		0.08	3	200.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		< 0.01	1	40,000.00	S
Public Health		1,473.27			
Regulatory Pest Control		11.13			
Rights Of Way		45.78			
		0.28	1	10.00	A
Total Pounds On This Commodity	46.05				
Structural Pest Control		33.72			
Chemical Total		1,564.36	5		
S-METHOPRENE					
Almond		249.01	342	41,251.98	A
Commodity Fumigation		0.39			
Landscape Maintenance		4.13			
		< 0.01	4	260.00	A
Total Pounds On This Commodity	4.14				
Mushroom		47.25	4	22.40	A
		19.44	58	310,400.00	S
Total Pounds On This Commodity	66.68				
N-Grnhs Flower		< 0.01	1	3,000.00	U
		< 0.01	1	3.00	A
Total Pounds On This Commodity	0.00				
N-Grnhs Plants In Containers		< 0.01	2	153,497.00	S
N-Outdr Plants In Containers		0.25	5	66.00	A
		< 0.01	1	31,114.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	0.25				
Orange		0.70	2	100.00	A
Pomegranate		2.21	2	294.08	A
Public Health		2,766.69			
Regulatory Pest Control		21.67		3,009.10	A
		5.29			
		1.29		99,999.00	C
Total Pounds On This Commodity	28.25				
Rights Of Way		35.41			
Structural Pest Control		21.87			
		< 0.01	1	10.00	A
Total Pounds On This Commodity	21.87				
Tangerine		10.28	12	2,055.69	A
Walnut		0.63	2	81.00	A
Chemical Total		3,186.52	437		
METHOXYCHLOR					
Tomato, Processing		7.97	1	75.00	A
Chemical Total		7.97	1		
METHOXYFENOZIDE					
Alfalfa		3,094.04	348	23,431.24	A
Almond		36,964.32	1,883	144,917.92	A
Apple		603.62	44	2,208.85	A
Apricot		101.70	27	547.57	A
Arrugula		3.28	3	20.20	A
Artichoke, Globe		854.59	167	4,337.37	A
Bean, Dried		667.25	72	4,386.60	A
Bean, Succulent		292.89	37	1,801.80	A
Bean, Unspecified		27.97	4	178.01	A
Beet		80.06	221	432.85	A
Bok Choy		21.76	76	125.99	A
Broccoli		459.39	152	3,362.15	A
Cabbage		331.32	223	2,078.70	A
Cantaloupe		1,721.17	171	11,670.05	A
Carrot		104.51	20	956.00	A
Cauliflower		122.02	48	776.30	A
Celeriac		9.54	35	46.92	A
Celery		2,863.22	1,620	18,981.94	A
Cherry		2,108.46	425	10,030.88	A
Chestnut		11.30	3	40.00	A
Chicory		7.50	3	51.00	A
Chinese Cabbage (Nappa)		10.60	22	57.58	A
Cilantro		22.79	66	124.84	A
Citrus		1.59	1	82,000.00	U
Collard		44.19	45	256.39	A
Corn (Forage - Fodder)		154.15	37	1,195.55	A
Corn, Human Consumption		305.08	137	2,412.00	A
Cotton		319.36	38	2,907.20	A
Cucumber		0.85	1	8.00	A
Daikon		69.70	27	391.37	A
Dandelion Green		0.40	2	2.14	A
Eggplant		21.38	11	133.00	A
Endive (Escarole)		81.51	73	527.55	A
Fennel		10.98	13	87.21	A
Forage Hay/Silage		7.07	1	50.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Gai Lon		0.21	1	3.00	A
Grape		17,933.58	1,896	87,090.41	A
Grape, Wine		22,338.56	1,170	73,885.22	A
Herb, Spice		1.41	2	10.00	A
Kale		55.56	33	314.07	A
Kohlrabi		1.93	13	10.51	A
Landscape Maintenance		11.67			
Leek		12.22	41	66.94	A
Lemon		0.53	1	30,000.00	U
Lettuce, Head		4,108.62	2,356	27,598.16	A
Lettuce, Leaf		1,651.80	1,230	11,531.37	A
Melon		715.94	104	5,180.20	A
Mint		0.37	2	1.72	A
Mizuna		0.74	1	5.00	A
Mustard		11.61	52	72.99	A
N-Grnhs Flower		0.85	2	25,830.00	U
N-Grnhs Plants In Containers		0.63	3	2.10	A
		0.09	2	10,000.00	S
Total Pounds On This Commodity	0.72				
N-Grnhs Transplants		908.27	5	35,200.00	S
		1.13	6	7.99	A
Total Pounds On This Commodity	909.39				
N-Outdr Plants In Containers		81.95	89	525.80	A
		0.99	2	7.00	U
Total Pounds On This Commodity	82.94				
N-Outdr Transplants		81.31	55	432.82	A
		9.84	38	4,161,600.00	S
Total Pounds On This Commodity	91.15				
Nectarine		646.26	196	2,722.84	A
Onion, Dry		15.88	1	90.00	A
Orange		3.84	1	27.27	A
Parsley		51.72	104	323.45	A
Pastureland		2.82	1	20.00	A
Peach		2,460.58	514	9,173.50	A
Pear		703.15	82	2,332.60	A
Peas		6.49	4	35.60	A
Pepper, Fruiting		1,029.39	229	6,394.13	A
Pepper, Spice		18.09	3	102.60	A
Pimento		11.66	4	82.60	A
Pistachio		14,250.04	369	46,192.35	A
Plum		831.51	198	3,340.76	A
Potato		1.02	1	5.73	A
Prune		152.95	9	925.00	A
Pumpkin		122.42	14	799.00	A
Quince		40.52	17	126.00	A
Radish		51.02	31	8.01	A
Rappini		0.42	3	3.00	A
Research Commodity		0.29	1	2.00	A
		0.14			
Total Pounds On This Commodity	0.43				
Rights Of Way		1.41			
Soil Fumigation/Preplant		12.89	3	87.20	A
Sorghum (Forage - Fodder)		1.69	1	20.00	A
Sorghum/Milo		5.65	2	64.30	A
Spinach		248.52	166	1,726.43	A
Squash		45.05	12	297.00	A
Squash, Winter		23.83	3	139.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry	1,897.69	246	9,675.14	A
Sudangrass	92.11	18	770.79	A
Sugarbeet	1,230.23	239	18,821.53	A
Sweet Potato	121.20	14	599.00	A
Swiss Chard	104.27	108	604.15	A
Tangerine	7.77	2	60.39	A
Tomatillo	4.52	1	30.00	A
Tomato	2,428.92	288	12,927.50	A
Tomato, Processing	7,446.44	665	46,428.19	A
Turnip	4.53	23	24.29	A
Unknown	0.04	1	0.25	A
Vegetable	14.12	2	80.00	A
Vegetables, Leafy	1.06	1	20.00	A
Walnut	7,644.21	635	22,949.82	A
Watermelon	1,757.98	264	10,940.15	A
Chemical Total	142,923.69	17,636		
METHYL ANTHRANILATE				
Landscape Maintenance	79.30			
Regulatory Pest Control	1.76			
Small Fruits/Berry	1.87		12.00	A
Structural Pest Control	76.02			
Sunflower	153.24	8	538.50	A
Chemical Total	312.19	8		
METHYLATED FATTY ACIDS FROM CANOLA OIL				
Alfalfa	16.32	3	110.13	A
Almond	363.91	26	335.40	A
Avocado	1.79	1	5.00	A
Bean, Succulent	2.30	2	10.00	A
Bok Choy	0.48	1	2.00	A
Broccoli	192.87	99	1,057.39	A
Carrot	12.09	4	11.30	A
Cauliflower	187.67	95	899.84	A
Celery	282.68	134	994.50	A
Chinese Cabbage (Nappa)	1.15	2	5.00	A
Endive (Escarole)	15.35	29	83.29	A
Landscape Maintenance	143.10			
Lettuce, Head	1,840.41	308	4,233.54	A
Lettuce, Leaf	393.31	241	2,329.23	A
Onion, Dry	33.36	16	300.17	A
Pepper, Fruiting	4.59	4	10.00	A
Rights Of Way	69.91			
Strawberry	30.60	5	60.00	A
Turf/Sod	3.02		3.00	A
Uncultivated Non-Ag	142.35		370.30	A
Walnut	16.13	2	21.26	A
Chemical Total	3,753.40	972		
METHYLATED SILICA				
Alfalfa	94.39	119	7,595.87	A
Almond	0.24	2	70.00	A
Apricot	0.02	10	82.00	A
Bermudagrass	0.16	2	20.00	A
Broccoli	0.31	1	34.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherry		0.04	16	168.20	A
Cotton		0.16	1	40.00	A
Eggplant		< 0.01	2	5.00	A
Forest, Timberland		0.03	16	237.00	A
Grape		0.04	10	262.30	A
Grape, Wine		< 0.01	5	50.00	A
Landscape Maintenance		0.28			
Lettuce, Leaf		0.59	1	50.00	A
Melon		0.47	1	36.00	A
N-Outdr Plants In Containers		0.02	2	31.90	A
Nectarine		1.06	184	4,514.95	A
Olive		< 0.01	1	40.00	A
Onion, Dry		0.63	2	47.00	A
Orange		5.18	161	1,498.00	A
Pastureland		< 0.01		11.50	A
Peach		1.67	277	6,947.52	A
Pistachio		0.19	6	420.00	A
Plum		0.90	213	3,845.13	A
Pluot		0.06	7	272.37	A
Prune		0.02	5	103.25	A
Rangeland		< 0.01		5.00	A
Regulatory Pest Control		< 0.01			
Rights Of Way		2.28			
Spinach		1.81	1	154.00	A
Structural Pest Control		0.01			
Tomato		< 0.01	1	5.00	A
Tomato, Processing		0.71	1	30.00	A
Uncultivated Ag		30.39	47	2,727.00	A
Uncultivated Non-Ag		0.30	8	132.00	A
Walnut		< 0.01	1	90.00	A
Watermelon		< 0.01	1	2.00	A
Wheat		7.15	27	1,656.00	A
Chemical Total		149.12	1,131		
METHYLATED SOYBEAN OIL					
Alfalfa		32,817.29	1,641	94,884.15	A
Almond		50,795.84	2,556	136,320.62	A
		13.18	2	104.59	U
Total Pounds On This Commodity	50,809.02				
Apple		860.71	44	1,532.78	A
Apricot		176.88	39	394.82	A
Artichoke, Globe		3,697.86	243	10,174.20	A
Asparagus		1,822.84	56	3,077.85	A
Avocado		4.93	2	5.00	A
Barley		146.17	10	541.00	A
Barley (Forage - Fodder)		98.29	3	261.50	A
Bean, Dried		875.03	60	2,947.44	A
Bean, Succulent		107.57	35	363.10	A
Bean, Unspecified		26.93	1	45.00	A
Beet		2.85	2	4.92	A
Bermudagrass		304.09	20	1,324.80	A
Blackberry		16.96	3	19.50	A
Blueberry		10.55	3	53.13	A
Bok Choy		0.17	2	1.80	A
Broccoli		5,046.66	1,389	14,577.18	A
Cabbage		1,314.91	185	2,530.36	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Canola (Rape)		31.87	1	23.00	A
Cantaloupe		420.43	36	2,284.05	A
Carrot		453.65	92	1,862.10	A
Cauliflower		736.95	314	3,479.84	A
Celery		6,701.13	1,170	13,715.70	A
Cherry		5,824.62	427	9,742.19	A
Chestnut		0.70	3	0.27	A
Chinese Cabbage (Nappa)		2.32	4	18.50	A
Cilantro		10.49	4	6.50	A
Collard		105.03	22	156.88	A
Corn (Forage - Fodder)		15,166.36	459	25,684.74	A
Corn, Grain		439.16	39	1,583.60	A
Corn, Human Consumption		5,243.08	728	25,590.19	A
Cotton		7,199.28	438	27,597.67	A
Cucumber		30.58	4	160.00	A
Eggplant		46.11	7	157.00	A
Endive (Escarole)		1.15	3	9.70	A
Farm/Ag Building		1.03	2	6.80	A
Fennel		8.30	16	51.40	A
Fig		9.10	1	40.00	A
Forage Hay/Silage		233.39	27	996.60	A
Forest, Timberland		15,962.85	226	7,856.90	A
Gai Lon		437.80	15	1,620.00	A
Garbanzo Bean		188.42	10	483.00	A
Garlic		1,308.87	99	6,191.80	A
Grain		8.25	5	40.00	A
Grape		5,367.81	304	11,641.26	A
Grape, Wine		14,551.99	1,128	49,148.54	A
Grapefruit		140.49	19	331.05	A
Industrial Site		3.39		5.50	A
Kale		8.43	12	33.29	A
Kiwi		13.80	21	136.00	A
Landscape Maintenance		1,289.42			
		16.54	1	57.00	A
Total Pounds On This Commodity	1,305.96				
Leek		0.40	1	5.00	A
Lemon		598.09	32	1,226.00	A
Lettuce, Head		5,562.89	1,340	16,555.35	A
Lettuce, Leaf		1,441.34	612	6,532.89	A
Melon		76.69	6	222.75	A
Mint		257.81	5	382.00	A
Mustard		52.39	13	74.74	A
N-Grnhs Plants In Containers		6.30	7	350,000.00	S
N-Outdr Flower		174.20	73	599.50	A
N-Outdr Plants In Containers		389.48	145	970.13	A
N-Outdr Transplants		19.04	5	10.99	A
Nectarine		638.95	64	519.89	A
Oat		750.91	68	3,000.48	A
Oat (Forage - Fodder)		1,679.92	102	5,390.37	A
Olive		556.16	50	1,264.38	A
Onion, Dry		3,960.30	177	8,617.76	A
Onion, Green		6.01	1	20.00	A
Orange		5,621.92	244	5,169.90	A
Parsley		88.67	9	114.30	A
Pastureland		2,143.09	66	3,316.40	A
Peach		1,134.19	141	1,681.88	A
Pear		111.76	25	226.58	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peas		40.81	29	382.20	A
Pecan		74.42	3	69.00	A
Pepper, Fruiting		891.22	102	2,936.12	A
Pepper, Spice		27.44	3	73.00	A
Persimmon		40.32	10	104.63	A
Pistachio		6,636.89	315	20,988.24	A
Plum		230.82	65	601.39	A
Pomegranate		1,408.78	31	1,309.19	A
Pomelo		5.45	2	10.00	A
Potato		2,626.74	57	4,658.23	A
Prune		3,803.66	188	7,113.22	A
Public Health		1,315.17			
Pumpkin		253.90	10	343.40	A
Quince		0.06	1	0.05	A
Radicchio		104.06	15	600.00	A
Rangeland		186.58	26	1,950.00	A
Rappini		157.88	27	924.60	A
Regulatory Pest Control		5.79			
		4.09		15.30	A
Total Pounds On This Commodity	9.88				
Rice		42,507.54	1,517	94,929.63	A
Rice, Wild		30.75	4	270.00	A
Rights Of Way		16,050.04			
		179.85	21	414.90	A
Total Pounds On This Commodity	16,229.89				
Ryegrass		80.93	4	331.00	A
Safflower		329.19	15	1,238.00	A
Soil Fumigation/Preplant		4,901.32	93	4,568.01	A
Sorghum (Forage - Fodder)		41.31	2	57.50	A
Sorghum/Milo		351.74	24	1,470.36	A
Spinach		216.85	90	560.60	A
Squash		7.23	3	71.00	A
Squash, Winter		13.22	2	46.00	A
Strawberry		4,266.19	166	7,186.77	A
Structural Pest Control		3.15			
Sudangrass		12.06	3	96.00	A
Sugarbeet		822.13	33	2,319.00	A
Sunflower		1,079.21	34	2,970.80	A
Swiss Chard		27.41	12	74.65	A
Tangelo		201.23	20	300.80	A
Tangerine		994.75	44	2,943.55	A
Timothy		69.92	3	615.00	A
Tomato		154.73	53	1,320.78	A
Tomato, Processing		4,233.02	215	15,860.44	A
Triticale		15.99	1	40.00	A
Turf/Sod		47.76	4	87.82	A
Turnip		32.02	12	80.99	A
Uncultivated Ag		6,792.89	522	9,784.16	A
Uncultivated Non-Ag		292.14	25	922.00	A
Unknown		40,484.40	12	1,214.00	A
Walnut		11,859.05	753	24,478.96	A
		8.60	5	55.00	U
Total Pounds On This Commodity	11,867.64				
Water Area		788.46		493.00	A
Watermelon		269.53	22	726.75	A
Wheat		13,641.47	570	38,558.83	A
Wheat (Forage - Fodder)		1,225.87	101	5,021.22	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		375,219.09	20,388		
METHYL BROMIDE					
Alfalfa		102.90	1	105.00	U
Almond		20,656.66	212	8,605.64	A
		7,190.07	84	9,959.00	U
		5,697.75		1,971,017.00	C
		20.51		12,000.00	P
Total Pounds On This Commodity	33,564.98				
Apple		328.66		532,280.00	P
Apricot		11.44	3	7.00	A
		2.90		23,808.00	P
Total Pounds On This Commodity	14.33				
Asparagus		2,180.82	1	10.00	A
Bean, Dried		2,130.00		5,178.00	T
Blackberry		14,715.96	6	74.80	A
Blueberry		1,994.59	2	8.70	A
Bushberry		161.00		34,927.00	S
Celery		380.19	1	1.90	A
Cherry		14,474.57	73	129,209.00	U
		1,941.46	49	834.31	A
		454.40		14,427.08	C
Total Pounds On This Commodity	16,870.43				
Chestnut		14.00		1.00	A
Commodity Fumigation		188,327.65			
		775.00		3,038.00	C
Total Pounds On This Commodity	189,102.65				
Cotton		95.00		5.00	A
Date		584.50		2,329,416.00	P
		175.00		274,626.00	U
		58.00		58.00	T
Total Pounds On This Commodity	817.50				
Dried Fruit		3,155.36		3,413,278.00	C
		926.92		774,000.00	U
		371.00		371,000.00	S
		10.00		10.00	K
		1.75		1.00	A
Total Pounds On This Commodity	4,465.03				
Eggplant		1,463.95	1	7.00	A
Fig		2,518.18		1,128,120.00	U
		544.00		1,600.00	K
		341.00		309,432.00	C
Total Pounds On This Commodity	3,403.18				
Food Procressing Plant		55.00		283,869.00	P
Forest, Timberland		385.00		77,000.00	S
Fumigation, Other		66,910.80			
Grain		24,214.63	3	115.50	A
Grape		71,685.82	4	102.60	A
		3,736.81		3,348,000.00	C
		1,335.98		6,160.00	K
		1,180.00		1,257,200.00	S
		348.95		1,760.00	U
		76.90		13,842.00	P
Total Pounds On This Commodity	78,364.46				
Grass, Seed		3,528.00	3	9.00	A
Kiwi		415.77	5	299.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		106.58	1	1.00	A
Total Pounds On This Commodity	522.35				
Landscape Maintenance		8,450.73			
		7,095.20	2	19.20	A
Total Pounds On This Commodity	15,545.93				
Lemon		352.80	1	1.00	A
Lettuce, Head		56,864.91	4	76.90	A
Lumber, Treated		17,604.42		2,169,470.00	C
N-Grnhs Flower		16,500.12	80	56.72	A
		550.76	23	115,400.00	S
Total Pounds On This Commodity	17,050.88				
N-Grnhs Plants In Containers		24.50	1	5,000.00	S
N-Grnhs Transplants		644.10	2	3.50	A
N-Outdr Flower		36,933.28	139	191.20	A
		1,609.16	42	304,710.00	S
		23.03	1	4,700.00	U
Total Pounds On This Commodity	38,565.47				
N-Outdr Plants In Containers		161,344.27	44	665.25	A
N-Outdr Transplants		370,354.47	105	1,514.40	A
		434.83	4	1,080.40	U
		25.84	2	2,944.00	S
Total Pounds On This Commodity	370,815.13				
Nectarine		2,748.51		2,447,910.00	P
		365.73		1,101.20	T
Total Pounds On This Commodity	3,114.24				
Nuts		330.00	1	14,000.00	U
		36.89		8.50	T
		2.00		1.00	K
Total Pounds On This Commodity	368.89				
Peach		15,919.85	18	339.28	A
		1,354.78		1,891,472.00	P
		332.22	6	339.00	U
		217.12		706.06	T
Total Pounds On This Commodity	17,823.97				
Pecan		12,073.60	1	30.80	A
Pepper, Fruiting		171.00	1	1.00	A
Pistachio		627.11		358.30	T
		43.99		48,225.00	P
Total Pounds On This Commodity	671.10				
Plum		3,321.31		3,955,308.00	P
		268.50	2	3.30	A
Total Pounds On This Commodity	3,589.81				
Prune		2,961.25	6	198.30	A
		1,209.33		683,695.00	C
		17.50		16,712.00	S
Total Pounds On This Commodity	4,188.08				
Quince		92.58		53,620.00	P
Raspberry		295,803.99	115	1,408.40	A
		42.00		10,505.00	S
Total Pounds On This Commodity	295,845.99				
Regulatory Pest Control		21,698.50			
Research Commodity		703.50	1	3.50	A
Rice		6.00		2.00	A
Rye		9,233.66	1	43.50	A
Soil Fumigation/Preplant		1,199,670.35	331	5,563.96	A
		177.02	3	8,176.00	U
		105.33	2	10,761.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		98.38	1	11,376.00	K
		98.00	1	10,800.00	C
Total Pounds On This Commodity	1,200,149.08				
Spinach		1,259.70	1	6.20	A
Strawberry		2,514,078.27	912	13,582.06	A
		1,355.00		215,450.00	S
		506.00		64,286.00	U
Total Pounds On This Commodity	2,515,939.27				
Structural Pest Control		23,245.06			
Sweet Potato		4,228.26	5	28.87	A
Tomato		49,114.24	29	647.75	A
Turf/Sod		27,107.69	9	102.70	A
Uncultivated Ag		12,355.33	10	180.59	A
Uncultivated Non-Ag		24,500.00	1	62.00	A
Walnut		176,243.00	139	4,920.43	A
		25,777.62	194	1,223,944.00	U
		11,663.34	1	803,806.00	?
		4,900.50		2,962,795.00	C
		475.60		619.20	T
		74.28		791,525.00	P
		40.00		20,000.00	S
Total Pounds On This Commodity	219,174.34				
Wheat		4,194.20	1	17.90	A
Chemical Total		5,575,445.90	2,691		
METHYL CELLULOSE					
Alfalfa		30.30	8	622.00	A
Bean, Dried		8.02	3	234.00	A
Carrot		1.37	1	40.00	A
Corn (Forage - Fodder)		5.08	1	148.00	A
Cotton		1.03	1	20.00	A
Lettuce, Leaf		1.15	1	9.00	A
Melon		9.16	3	260.00	A
Peach		4.26	3	31.00	A
Rice		77.03	19	2,246.30	A
Squash		0.77	1	15.00	A
Sunflower		3.45	1	100.50	A
Tomato, Processing		29.64	10	1,052.50	A
Uncultivated Ag		3.78	1	110.00	A
Walnut		5.15	1	25.00	A
Watermelon		0.51	1	15.00	A
Chemical Total		180.67	55		
1-METHYLCYCLOPROPENE					
N-Grnhs Plants In Containers		0.03	31	59.75	A
		0.01	77	34,092.50	S
Total Pounds On This Commodity	< 0.01				
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	108		
METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE					
Landscape Maintenance		17.74			
Rights Of Way		0.41			
Structural Pest Control		0.21			
Chemical Total		18.37			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
METHYLENE CHLORIDE					
Structural Pest Control		32.46			
Chemical Total		32.46			
(3S, 6R)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE					
Lemon		< 0.01	1	1.00	A
Orange		< 0.01	1	2.00	A
Chemical Total		< 0.01	2		
(3S, 6S)-3-METHYL-6-ISOPROPENYL-9-DECEN-1-YL ACETATE					
Lemon		< 0.01	1	1.00	A
Orange		< 0.01	1	2.00	A
Chemical Total		< 0.01	2		
2-METHYL-4-ISOTHIAZOLIN-3-ONE					
Landscape Maintenance		160.96			
Rights Of Way		0.30			
Structural Pest Control		49.71			
Unknown		0.33		10.00	U
Water (Industrlial)		683.06		400.00	U
		214.17		126.00	A
Total Pounds On This Commodity	897.23				
Chemical Total		1,108.54			
METHYL NONYL KETONE					
Beet		0.08	1	1.21	A
Chemical Total		0.08	1		
METHYL NONYL KETONE, OTHER RELATED					
Beet		< 0.01	1	1.21	A
Chemical Total		< 0.01	1		
METHYL PARATHION					
Bean, Dried		14.38	2	30.80	A
Corn, Human Consumption		1.86	4	20.00	A
Grape		8.33	2	40.00	A
Grape, Wine		1.87	1	24.00	A
Lettuce, Leaf		120.21	4	21.29	A
N-Outdr Plants In Containers		0.05	1	1.50	A
Oat		10.47	1	45.00	A
Onion, Dry		196.80	8	424.60	A
Orange		6.75	1	35.00	A
Potato		1,073.38	6	1,139.00	A
Structural Pest Control		0.20			
Tomato		1.20	1	3.00	A
Walnut		23,921.88	342	13,195.23	A
Chemical Total		25,357.38	373		
METHYL PARATHION, OTHER RELATED					
Bean, Dried		0.76	2	30.80	A
Corn, Human Consumption		0.07	4	20.00	A
Lettuce, Leaf		6.33	4	21.29	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry	10.36	8	424.60	A
Potato	56.49	6	1,139.00	A
Tomato	0.05	1	3.00	A
Walnut	1,259.05	342	13,195.23	A
Chemical Total	1,333.10	367		
METHYL SALICYLATE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
METHYL SILICONE RESINS				
Alfalfa	18.04	2	110.30	A
Almond	1,978.20	503	20,470.27	A
Apricot	4.06	16	122.75	A
Artichoke, Globe	32.97	75	537.95	A
Avocado	66.72	31	392.40	A
Bean, Dried	0.67	2	48.30	A
Bean, Succulent	2.11	5	96.30	A
Beet	0.17	2	4.40	A
Bok Choy	11.26	107	228.07	A
Broccoli	88.26	147	2,267.41	A
Cabbage	72.05	67	499.61	A
Cantaloupe	7.12	46	5,759.66	A
Carrot	12.14	20	243.60	A
Cauliflower	41.78	61	489.70	A
Celery	186.64	119	1,227.05	A
Cherry	63.81	58	710.21	A
Chinese Cabbage (Nappa)	16.87	126	341.12	A
Cilantro	8.10	34	202.07	A
Citrus	3.56	1	18.00	A
Corn, Human Consumption	1.00	8	790.10	A
Cucumber	4.39	3	120.00	A
Eggplant	< 0.01	2	5.00	A
Endive (Escarole)	16.50	294	335.31	A
Fennel	1.60	10	26.22	A
Forest, Timberland	0.30	16	237.00	A
Garbanzo Bean	9.45	3	200.00	A
Garlic	12.48	14	189.30	A
Grape	0.41	10	262.30	A
Grape, Wine	84.30	84	1,338.32	A
Kale	12.14	23	112.35	A
Kohlrabi	0.66	1	7.60	A
Landscape Maintenance	3.00			
Leek	4.56	12	84.70	A
Lettuce, Head	1,793.50	2,480	29,140.19	A
Lettuce, Leaf	1,504.86	3,457	26,324.51	A
Melon	1.79	12	1,415.70	A
Mustard	0.08	1	1.04	A
N-Outdr Plants In Containers	0.16	2	31.90	A
N-Outdr Transplants	1.69	1	1.00	A
Nectarine	17.66	204	4,577.95	A
Oat	2.11	9	158.40	A
Olive	0.06	4	77.00	A
Onion, Dry	20.77	34	467.85	A
Orange	198.48	16	613.72	A
Parsley	66.32	116	1,741.62	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pastureland		0.04		11.50	A
Peach		181.00	371	8,575.52	A
Pepper, Fruiting		42.07	20	1,713.33	A
Pepper, Spice		5.40	7	215.40	A
Pistachio		7.64	3	58.00	A
Plum		9.74	217	3,871.63	A
Pluot		0.69	8	273.12	A
Prune		44.60	9	276.25	A
Radish		1.10	13	7.93	A
Rangeland		0.01		5.00	A
Rappini		0.95	3	3.00	A
Regulatory Pest Control		0.11			
		< 0.01		3,000.00	A
Total Pounds On This Commodity	0.12				
Rice		327.92	13	1,150.40	A
Rights Of Way		457.67			
Sorghum (Forage - Fodder)		3.63	2	113.00	A
Spinach		0.76	4	11.06	A
Squash		2.53	3	51.00	A
Strawberry		1,456.14	273	8,513.45	A
Structural Pest Control		0.15			
Sunflower		26.48	15	727.00	A
Tomato		< 0.01	1	5.00	A
Tomato, Processing		156.77	52	3,062.00	A
Uncultivated Ag		10.38	12	1,387.00	A
Walnut		951.97	495	11,930.59	A
Watermelon		1.57	4	55.10	A
Chemical Total		10,062.09	9,763		
METOLACHLOR					
Bean, Dried		16,487.98	96	6,062.00	A
Bean, Succulent		1,820.86	21	1,160.00	A
Bean, Unspecified		66.34	2	47.00	A
Cabbage		2.24	1	3.00	A
Corn (Forage - Fodder)		6,343.41	78	3,427.99	A
Corn, Human Consumption		3,037.00	12	1,556.31	A
Cotton		334.15	3	254.00	A
Landscape Maintenance		14.28			
N-Outdr Flower		2.45	6	9.58	A
N-Outdr Plants In Containers		5.59	2	1.65	A
Peas		4.10	2	5.50	A
Rights Of Way		12.83			
Soil Fumigation/Preplant		271.70	1	139.24	A
Sorghum/Milo		686.08	9	421.00	A
Chemical Total		29,089.01	233		
S-METOLACHLOR					
Bean, Dried		18,755.42	333	12,937.07	A
Bean, Succulent		4,579.21	148	3,193.63	A
Bean, Unspecified		1,161.57	39	858.82	A
Celery		51.53	5	58.20	A
Corn (Forage - Fodder)		16,864.12	243	10,498.77	A
Corn, Grain		227.32	4	144.40	A
Corn, Human Consumption		5,264.33	136	3,982.29	A
Cotton		16,055.83	105	12,894.70	A
Garbanzo Bean		787.68	4	622.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		200.52			
N-Outdr Flower		767.82	116	571.84	A
N-Outdr Plants In Containers		153.78	3	40.36	A
N-Outdr Transplants		131.50	10	76.00	A
Peas		899.97	97	1,095.85	A
Pepper, Fruiting		3,321.28	112	2,595.20	A
Pepper, Spice		34.08	4	35.74	A
Potato		9,443.49	106	6,895.34	A
Research Commodity		237.64			
		17.33	2	14.03	A
Total Pounds On This Commodity	254.97				
Rights Of Way		< 0.01	1	0.01	A
Safflower		1,266.64	17	904.68	A
Soil Fumigation/Preplant		1,745.84	39	1,580.10	A
Sorghum (Forage - Fodder)		859.98	14	576.40	A
Sorghum/Milo		1,891.13	16	1,297.00	A
Spinach		358.57	47	255.22	A
Structural Pest Control		0.36			
Sudangrass		22.72	1	18.00	A
Sunflower		6,266.44	86	4,122.40	A
Swiss Chard		63.18	67	119.38	A
Tomato		9,829.28	156	6,803.14	A
Tomato, Processing		203,198.36	2,258	150,757.77	A
Turf/Sod		45.72	4	24.00	A
Uncultivated Ag		48.16	1	38.00	A
Unknown		78.92	2	60.50	A
Wheat		121.60	1	64.00	A
Chemical Total		304,751.34	4,177		
METRIBUZIN					
Alfalfa		10,031.96	352	20,341.39	A
Asparagus		421.10	15	503.60	A
Bean, Dried		36.56	2	195.00	A
Corn, Grain		25.79	1	52.10	A
Garbanzo Bean		217.09	10	681.90	A
Landscape Maintenance		2.91			
N-Outdr Flower		1.00	1	4.00	A
Potato		2,270.34	124	5,653.90	A
Research Commodity		9.00			
Rights Of Way		2.81			
Soil Fumigation/Preplant		202.03	9	402.40	A
Tomato		452.87	47	1,421.66	A
Tomato, Processing		9,020.46	636	28,313.63	A
Uncultivated Ag		76.88	6	380.00	A
Chemical Total		22,770.79	1,203		
MEVINPHOS					
Celery		3.18	1	17.00	A
Lettuce, Leaf		0.38	1	10.00	A
N-Grnhs Transplants		0.06	1	0.12	A
Chemical Total		3.62	3		
MEVINPHOS, OTHER RELATED					
Celery		2.12	1	17.00	A
Lettuce, Leaf		0.26	1	10.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Transplants		0.02	1	0.12	A
Chemical Total		2.40	3		
MILBEMECTIN					
Almond		1.20	1	31.00	A
N-Grnhs Flower		< 0.01	1	0.50	A
N-Outdr Plants In Containers		0.30	13	21.65	A
Chemical Total		1.51	15		
MINERAL OIL					
Alfalfa		14,997.58	361	21,083.15	A
Almond		4,902,384.01	5,640	386,169.66	A
		1.25	1	7.00	U
Total Pounds On This Commodity	4,902,385.26				
Apple		111,806.04	399	4,988.18	A
		3.57	1	20.00	U
Total Pounds On This Commodity	111,809.61				
Apricot		54,305.20	208	4,060.86	A
Arrugula		2.54	9	46.27	A
Artichoke, Globe		246.59	69	3,935.50	A
Asparagus		923.99	13	1,060.20	A
Avocado		306,825.62	1,170	19,917.78	A
Bean, Dried		1,314.31	39	1,776.80	A
Bean, Succulent		153.38	23	488.40	A
Bean, Unspecified		224.09	4	52.50	A
		0.66	1	9,000.00	S
Total Pounds On This Commodity	224.76				
Bermudagrass		411.29	10	671.00	A
Blackberry		1,389.13	76	748.92	A
Blueberry		82.09	48	1,036.68	A
Bok Choy		0.40	1	8.00	A
Broccoli		578.96	55	653.89	A
Cabbage		2,969.44	28	340.80	A
Cantaloupe		150.60	4	130.00	A
Cardoon		0.15	1	3.00	A
Carrot		1,233.66	83	2,716.48	A
Cauliflower		2,877.08	91	483.96	A
Celery		5,098.54	481	3,570.71	A
Cherry		183,157.65	687	15,375.14	A
		0.53	1	3.00	U
Total Pounds On This Commodity	183,158.18				
Chestnut		8.44	6	76.00	A
Christmas Tree		510.00	5	32.00	A
Cilantro		8.64	1	5.00	A
Citrus		7,781.56	21	239.05	A
Corn (Forage - Fodder)		2,820.35	146	6,253.77	A
Corn, Human Consumption		5,774.09	194	8,487.70	A
Cotton		2,652.64	84	3,693.74	A
Cucumber		477.64	5	130.00	A
Eggplant		24.60	2	11.00	A
Endive (Escarole)		3.76	50	72.20	A
Fennel		26.95	19	68.72	A
Forage Hay/Silage		63.87	2	135.00	A
Forest, Timberland		861.74	53	1,511.40	A
Garbanzo Bean		117.57	3	305.00	A
Grape		49,944.13	854	29,926.15	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine		257,973.66	3,247	102,842.06	A
Grapefruit		30,143.71	320	5,184.67	A
Kiwi		2,414.24	8	86.50	A
Landscape Maintenance		71,507.95			
		488.64	4	27.00	A
		6.86	1	3.00	S
Total Pounds On This Commodity	72,003.45				
Lemon		864,200.47	727	16,149.51	A
Lettuce, Head		603.04	165	2,940.70	A
Lettuce, Leaf		239.17	204	2,781.68	A
Lime		556.38	4	9.00	A
Melon		104.88	3	175.00	A
Mint		317.32	13	676.00	A
Mizuna		1.74	10	31.97	A
N-Grnhs Flower		781.13	53	2,177,500.00	S
		431.23	31	45.67	A
Total Pounds On This Commodity	1,212.36				
N-Grnhs Plants In Containers		2,113.36	264	485.44	A
		945.53	99	2,453,250.00	S
Total Pounds On This Commodity	3,058.89				
N-Grnhs Transplants		47.65	4	3.31	A
		38.95	14	172,900.00	S
Total Pounds On This Commodity	86.60				
N-Outdr Flower		1,046.22	102	362.17	A
		51.03	14	103,300.00	S
		1.75	2	2,000.00	U
Total Pounds On This Commodity	1,099.00				
N-Outdr Plants In Containers		37,456.76	768	4,151.09	A
		806.75	85	1,044,925.00	S
		11.79	11	11,340.00	U
Total Pounds On This Commodity	38,275.30				
N-Outdr Transplants		1,036.61	29	77.39	A
		1.32	3	1,100.00	S
Total Pounds On This Commodity	1,037.92				
Nectarine		241,428.15	1,080	11,994.81	A
		0.71	1	4.00	U
		0.41	1	600.00	S
Total Pounds On This Commodity	241,429.27				
Oat (Forage - Fodder)		20.05	1	27.00	A
Olive		10,606.68	52	2,721.15	A
		26.45	1	37,000.00	S
Total Pounds On This Commodity	10,633.13				
Onion, Dry		1,025.92	65	2,027.42	A
Onion, Green		0.73	5	15.00	A
Orange		1,268,495.24	2,624	77,249.46	A
		57.80	1	1.00	U
Total Pounds On This Commodity	1,268,553.04				
Peach		584,141.52	2,168	33,977.52	A
		0.35	1	2.00	U
Total Pounds On This Commodity	584,141.87				
Pear		805,531.05	659	23,641.37	A
		0.35	1	2.00	U
Total Pounds On This Commodity	805,531.41				
Pepper, Fruiting		2,764.55	57	1,585.68	A
Pepper, Spice		134.70	7	152.60	A
Pistachio		116,546.06	72	6,780.31	A
Plum		277,060.50	696	11,019.82	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.53	1	4.00	U
Total Pounds On This Commodity	277,061.03				
Pluot		293.74	8	15.00	A
Pomegranate		196.30	6	1,157.72	A
Pomelo		1,048.63	2	25.00	A
Potato		25.34	6	412.50	A
Prune		279,211.71	307	14,034.77	A
		0.18	1	1.00	U
Total Pounds On This Commodity	279,211.89				
Public Health		807,129.96			
Pumpkin		2.26	1	47.00	A
Raspberry		385.72	149	2,052.72	A
Regulatory Pest Control		3,811.94			
Research Commodity		59.63	2	43.00	A
		9.92			
Total Pounds On This Commodity	69.55				
Rice		24,711.76	245	21,818.92	A
Rights Of Way		8,387.19			
		185.32	14	370.00	A
Total Pounds On This Commodity	8,572.52				
Safflower		76.67	5	292.50	A
Soil Fumigation/Preplant		1,991.08	32	2,204.20	A
Spinach		64.43	9	118.10	A
Squash		245.74	5	160.00	A
Strawberry		4,069.06	801	36,027.21	A
Structural Pest Control		8,804.31	7	145.67	A
		1,640.68			
Total Pounds On This Commodity	10,444.99				
Sudangrass		826.08	11	653.00	A
Sugarbeet		2,252.51	54	2,972.00	A
Sunflower		45.36	7	392.00	A
Swiss Chard		2.30	8	42.02	A
Tangelo		26,902.93	78	1,824.79	A
Tangerine		36,895.78	233	5,799.46	A
Tomato		1,994.16	45	1,341.13	A
Tomato, Processing		7,866.01	184	7,958.88	A
Turf/Sod		2.92	4	65.00	A
Uncultivated Ag		1,221.26	137	2,333.30	A
Uncultivated Non-Ag		1,039.68	9	1,217.60	A
Unknown		129.16	5	146.20	A
Vegetable		0.54	5	11.66	A
Walnut		135,792.02	2,049	44,955.76	A
		0.18	1	1.00	U
Total Pounds On This Commodity	135,792.20				
Water Area		112.41		4.00	A
Watermelon		171.59	12	319.75	A
Wheat		844.36	13	917.50	A
Wheat (Forage - Fodder)		10.97	2	80.00	A
Chemical Total		11,601,846.06	29,084		
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT REFINED LIGHT					
Barley		38.29	3	148.00	A
Herb, Spice		0.68	1	3.00	A
Lettuce, Leaf		0.25	1	3.00	A
Wheat		7.98	8	216.60	A
Wheat (Forage - Fodder)		76.68	11	479.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		123.88	24		
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN					
Alfalfa		317.14	71	3,950.30	A
Almond		9,493.53	687	44,928.70	A
Apple		1,403.60	120	4,781.46	A
Apricot		423.89	85	2,468.82	A
Bean, Dried		2.17	1	37.00	A
Blueberry		524.97	77	4,077.08	A
Broccoli		4.18	3	71.00	A
Cantaloupe		1.38	3	94.00	A
Carrot		23.44	2	200.00	A
Cherry		6,324.08	406	11,934.67	A
Corn (Forage - Fodder)		116.50	22	926.00	A
Cotton		57.10	14	594.10	A
Forage Hay/Silage		2.93	2	87.00	A
Garlic		34.33	5	233.00	A
Grape		59,023.58	7,709	358,355.57	A
Grape, Wine		5,267.16	970	53,397.21	A
Grapefruit		114.56	16	237.10	A
Kiwi		1,037.70	22	1,721.50	A
Landscape Maintenance		4.02			
Lemon		872.00	43	1,000.77	A
Lime		1.25	1	2.50	A
Melon		0.13	2	8.00	A
N-Grnhs Flower		8.20	18	20.56	A
		0.93	7	105,400.00	S
Total Pounds On This Commodity	9.13				
N-Grnhs Plants In Containers		127.66	246	603.66	A
		5.54	37	386,356.00	S
		0.02	1	3,000.00	U
Total Pounds On This Commodity	133.21				
N-Grnhs Transplants		27.78	120	134.70	A
N-Outdr Flower		23.88	53	56.54	A
N-Outdr Plants In Containers		150.74	401	822.11	A
		22.79	36	1,723,600.00	S
		0.73		220,000.00	U
Total Pounds On This Commodity	174.26				
N-Outdr Transplants		27.07	4	225.00	A
Nectarine		5,669.11	1,017	15,411.27	A
Oat (Forage - Fodder)		7.05	2	45.00	A
Olive		134.26	16	315.10	A
Onion, Dry		760.68	59	6,794.80	A
Orange		20,402.91	881	31,998.29	A
Papaya		0.04	1	0.20	A
Peach		5,294.81	895	13,821.12	A
Pear		205.67	31	939.10	A
Pecan		38.33	30	231.76	A
Pepper, Fruiting		55.91	21	752.25	A
Pistachio		7,550.76	551	54,776.58	A
Plum		2,836.12	434	7,552.38	A
Pluot		1.19	1	4.00	A
Pomegranate		10.94	2	25.00	A
Prune		142.06	17	519.25	A
Quince		365.07	2	25.00	A
Rights Of Way		1.48			
Spinach		7.10	1	8.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Stone Fruit		0.39	2	1.30	A
Strawberry		163.02	13	560.00	A
Structural Pest Control		48.25	11	417.70	A
		0.42			
Total Pounds On This Commodity	48.67				
Sudangrass		1.36	3	40.30	A
Tangelo		437.82	48	651.07	A
Tangerine		15,381.82	670	58,102.97	A
Tomato		27.63	10	320.90	A
Tomato, Processing		577.40	55	5,616.01	A
Uncultivated Ag		1.68	1	5.00	A
Unknown		9.20	15	430.74	A
Walnut		2,521.63	144	6,341.20	A
Watermelon		0.02	1	0.20	A
Wheat		11.57	6	428.10	A
Wheat (Forage - Fodder)		13.68	3	99.00	A
Chemical Total		148,124.35	16,127		
MOLASSES					
Almond		1.64	1	132.00	A
Grapefruit		1,050.83	2	43.50	A
N-Outdr Flower		0.68	41	11.00	A
N-Outdr Plants In Containers		2.71	138	55.25	A
Strawberry		2.98	2	64.00	A
Walnut		29.19	12	133.10	A
Chemical Total		1,088.04	196		
MOLINATE					
Landscape Maintenance		7.77			
Rice		5,225.12	24	1,334.72	A
Chemical Total		5,232.89	24		
MORPHOLINE					
Alfalfa		13.28	8	622.00	A
Almond		0.30	2	32.00	A
Bean, Dried		5.51	5	340.00	A
Cabbage		0.52	3	35.00	A
Carrot		0.60	1	40.00	A
Cherry		0.42	2	30.00	A
Chinese Cabbage (Nappa)		0.08	3	4.50	A
Citrus		0.38	1	2.50	A
Collard		0.67	2	36.00	A
Corn (Forage - Fodder)		2.23	1	148.00	A
Cotton		0.45	1	20.00	A
Endive (Escarole)		0.65	24	34.50	A
Garbanzo Bean		1.60	4	215.00	A
Grape, Wine		16.30	33	724.55	A
Grapefruit		17.14	16	244.60	A
Kale		0.15	7	8.00	A
Lemon		49.44	13	204.00	A
Lettuce, Head		0.04	2	2.00	A
Lettuce, Leaf		1.50	44	62.00	A
Melon		4.01	3	260.00	A
N-Grnhs Plants In Containers		0.06	1	30,000.00	S
Olive		22.32	9	256.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry		1.60	7	94.00	A
Orange		745.61	526	11,501.37	A
Parsley		0.02	1	1.00	A
Peach		1.87	3	31.00	A
Pistachio		8.91	4	306.00	A
Pomelo		3.97	6	67.00	A
Rice		33.77	19	2,246.30	A
Squash		0.34	1	15.00	A
Storage Area/Box		1.19		1.00	K
Sunflower		1.51	1	100.50	A
Tangelo		8.49	6	92.54	A
Tangerine		14.72	20	315.81	A
Tomato, Processing		13.00	10	1,052.50	A
Uncultivated Ag		1.66	1	110.00	A
Walnut		95.72	14	232.00	A
Watermelon		0.22	1	15.00	A
Chemical Total		1,070.23	805		
MSMA					
Almond		494.40	18	338.83	A
Bermudagrass		415.96	4	217.00	A
Cotton		12,885.76	96	7,261.54	A
Grape, Wine		42.54	1	31.00	A
Landscape Maintenance		7,209.18			
		0.57	1	8,000.00	S
		0.47	2	25.00	A
Total Pounds On This Commodity	7,210.22				
Lemon		5.99	1	13.40	A
N-Grnhs Flower		0.05	1	1,000.00	S
N-Outdr Flower		0.14	1	1.00	A
Orange		342.87	11	554.00	A
Rights Of Way		78.62	1	11.00	A
		28.31			
Total Pounds On This Commodity	106.92				
Structural Pest Control		15.09			
Tangerine		273.33	6	371.68	A
Turf/Sod		1,392.82	20	683.16	A
		9.99	4	147,500.00	S
Total Pounds On This Commodity	1,402.80				
Uncultivated Non-Ag		8.78	3	3.00	A
Unknown		12.15	2	2.00	A
Walnut		118.98	4	68.18	A
Chemical Total		23,335.99	176		
MUSCALURE					
Animal Premise		2.44		523.00	U
		0.81		738.00	A
		< 0.01		2,150.00	S
Total Pounds On This Commodity	< 0.01				
Farm/Ag Building		0.01		9.00	U
Fumigation, Other		0.13			
Landscape Maintenance		3.93			
N-Grnhs Flower		< 0.01	1	57,600.00	S
Poultry		0.18		23.00	U
Public Health		0.20			
Regulatory Pest Control		< 0.01			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way		0.94			
Structural Pest Control		11.62			
Chemical Total		20.27	1		
MYCLOBUTANIL					
Almond		1,380.58	127	9,868.85	A
Apple		765.57	351	6,554.81	A
Apricot		299.49	125	2,490.03	A
Artichoke, Globe		964.38	472	9,639.27	A
Bean, Succulent		0.18	1	4.00	A
Blackberry		12.17	17	161.94	A
Cantaloupe		658.70	92	4,431.78	A
Cherry		1,078.36	354	8,139.48	A
Cotton		1,515.16		2,716.90	T
		14.80	2	112.00	A
Total Pounds On This Commodity	1,529.96				
Cucumber		69.25	70	678.30	A
Eggplant		1.88	1	15.00	A
Grape		15,497.86	3,370	139,972.96	A
Grape, Wine		12,741.54	4,423	123,572.03	A
		20.00	1	200.00	S
Total Pounds On This Commodity	12,761.54				
Landscape Maintenance		2,353.82			
		1.68	2	17.40	A
		0.20	1	12,500.00	S
Total Pounds On This Commodity	2,355.69				
Lettuce, Head		102.01	31	907.10	A
Lettuce, Leaf		49.81	17	420.60	A
Melon		608.15	68	3,315.84	A
Mint		0.28	4	2.75	A
		0.10	1	1.00	U
Total Pounds On This Commodity	0.38				
N-Grnhs Flower		166.21	468	961.71	A
		4.54	32	765,276.00	S
Total Pounds On This Commodity	170.76				
N-Grnhs Plants In Containers		20.21	148	198.05	A
		6.18	69	1,745,413.00	S
		< 0.01	1	200.00	U
Total Pounds On This Commodity	26.39				
N-Grnhs Transplants		1.42	28	265,075.00	S
		1.34	25	14.11	A
Total Pounds On This Commodity	2.76				
N-Outdr Flower		204.62	403	1,685.19	A
		5.96	32	854,782.00	S
		0.02	1	1,000.00	U
Total Pounds On This Commodity	210.60				
N-Outdr Plants In Containers		310.49	653	2,486.97	A
		7.05	47	927,015.00	S
		0.88	10	44,920.00	U
Total Pounds On This Commodity	318.42				
N-Outdr Transplants		75.23	91	663.37	A
Nectarine		612.67	310	4,767.67	A
Onion, Dry		9.00	1	90.00	A
Pastureland		1.49		40.00	A
Peach		922.15	461	7,424.19	A
		2.31	1	18.45	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	924.46				
Pepper, Fruiting		1,849.14	722	17,320.70	A
Pepper, Spice		11.70	4	108.20	A
Pimento		13.99	7	139.90	A
Plum		186.60	166	1,574.63	A
Prune		56.98	11	495.30	A
Pumpkin		140.23	57	1,161.30	A
Raspberry		156.42	196	2,145.83	A
Recreation Area		2.97	1	5.00	A
Regulatory Pest Control		0.47			
Research Commodity		1.28			
		0.08	2	2.74	A
Total Pounds On This Commodity	1.35				
Rights Of Way		0.54			
		0.15	1	1.50	A
Total Pounds On This Commodity	0.69				
Squash		87.04	54	828.09	A
Squash, Summer		26.49	37	243.06	A
Squash, Winter		23.33	7	192.00	A
Strawberry		5,026.13	1,710	47,288.12	A
Structural Pest Control		0.24			
Tomato		1,854.60	451	18,724.53	A
Tomato, Processing		8,313.57	1,163	86,763.72	A
Turf/Sod		40.31	3	245.99	A
		2.16	1	138,000.00	S
Total Pounds On This Commodity	42.46				
Uncultivated Non-Ag		0.10	1	1.00	A
Unknown		1.67	1	3.00	A
Vertebrate Control		3.20	4	32.00	A
Watermelon		594.14	104	5,236.70	A
Chemical Total		58,881.25	17,014		
MYRISTYL ALCOHOL					
Apple		9.56	41	767.77	A
Asian Pear		0.09	2	10.00	A
Pear		36.07	114	3,724.24	A
Quince		< 0.01	1	0.30	A
Walnut		42.08	8	202.40	A
Chemical Total		87.81	166		
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255					
Almond		63.00	1	80.00	A
Bok Choy		10.97	3	3.30	A
Broccoli		3,921.66	127	1,408.20	A
Brussels Sprout		9.00	1	4.00	A
Cauliflower		2,821.95	84	834.60	A
Celery		33.75	2	20.90	A
Cherry		184.50	2	41.00	A
Chinese Cabbage (Nappa)		321.61	31	110.85	A
Grape		1,244.16	11	285.68	A
Grape, Wine		12,736.57	170	2,076.80	A
Orange		144.00	2	50.00	A
Peach		40.50	1	3.00	A
Prune		243.00	10	99.38	A
Spinach		712.82	34	171.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		785.60	12	141.70	A
Chemical Total		23,273.09	491		
NAA					
Landscape Maintenance		2.28			
N-Grnhs Flower		0.28	128	241,385.00	U
N-Grnhs Plants In Containers		0.28	45	43,265.00	S
		0.12	17	32.25	A
		0.05	2	9,711.00	U
Total Pounds On This Commodity	0.44				
N-Grnhs Transplants		0.08	24	224,059.00	U
		0.06	35	464,828.00	S
Total Pounds On This Commodity	0.14				
N-Outdr Plants In Containers		0.07	13	3.03	A
		< 0.01	3	5,000.00	U
Total Pounds On This Commodity	0.07				
N-Outdr Transplants		< 0.01	1	200.00	U
Structural Pest Control		0.04			
Chemical Total		3.25	268		
NAA, AMMONIUM SALT					
Apple		35.53	35	556.40	A
Landscape Maintenance		115.11			
Olive		417.74	13	634.00	A
Pear		634.19	257	7,833.45	A
Structural Pest Control		0.04			
Chemical Total		1,202.60	305		
NAA, ETHYL ESTER					
Avocado		0.14	1	1.00	A
Landscape Maintenance		0.35			
Lemon		1.76	1	0.02	A
N-Outdr Plants In Containers		0.62	1	0.25	A
Rights Of Way		0.03			
Chemical Total		2.90	3		
NAA, SODIUM SALT					
Apple		1.59	6	256.60	A
Chemical Total		1.59	6		
NABAM					
Water (Industrlial)		6,731.18		7.00	U
		2,261.57		3.00	A
Total Pounds On This Commodity	< 0.01				
Chemical Total		8,992.75			
NALED					
Alfalfa		30,367.23	323	23,203.20	A
Animal Premise		1,602.41		260.00	U
		36.13		0.39	A
Total Pounds On This Commodity	1,638.54				
Bean, Dried		1,151.63	23	1,224.70	A
Bean, Succulent		27.23	2	27.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bok Choy		5.54	10	10.00	A
Broccoli		3,351.92	248	2,405.33	A
Brussels Sprout		391.72	29	243.77	A
Cabbage		681.44	46	664.05	A
Cauliflower		311.95	16	203.54	A
Celery		10.57	6	11.00	A
Chinese Cabbage (Nappa)		0.38	2	1.00	A
Collard		152.07	21	171.09	A
Cotton		14,370.79	126	14,811.90	A
Gai Lon		0.38	2	1.00	A
Grape		17.82	19	334.20	A
Grape, Wine		171.03	12	314.00	A
Kale		72.07	14	61.83	A
Landscape Maintenance		471.32			
N-Grnhs Flower		26.18	8	520,000.00	S
N-Grnhs Plants In Containers		6.92		114.00	A
N-Outdr Flower		149.64	42	143.28	A
N-Outdr Plants In Containers		160.57	16	157.00	A
N-Outdr Transplants		8.93	1	9.69	A
Orange		39.80	2	34.14	A
Pastureland		5.00	2	50.00	A
Peas		171.51	27	234.20	A
Pepper, Fruiting		1,838.05	57	1,057.40	A
Public Health		22,505.01			
Regulatory Pest Control		601.28			
Research Commodity		5.54			
Safflower		28,874.11	85	28,652.30	A
Squash		10.45	5	38.00	A
Strawberry		51,436.06	1,853	51,937.45	A
Structural Pest Control		119.97			
Sugarbeet		1,087.66	16	1,116.50	A
Uncultivated Ag		0.30	1	5.00	A
Vertebrate Control		164.16	4	163.00	A
Walnut		1,342.27	41	938.50	A
Chemical Total		161,747.06	3,059		
1-NAPHTHALENEACETAMIDE					
Apple		31.59	33	606.60	A
Chemical Total		31.59	33		
NAPROPAMIDE					
Almond		28.37	2	17.00	A
Asparagus		1,884.00	3	365.00	A
Basil, Sweet		584.49	64	428.35	A
		2.00	1	2.00	U
Total Pounds On This Commodity	586.49				
Blackberry		90.36	10	56.24	A
Blueberry		566.60	12	210.20	A
Broccoli		4,911.50	618	7,668.72	A
Brussels Sprout		47.10	10	94.20	A
Cauliflower		503.87	48	556.75	A
Cilantro		22.50	1	15.00	A
Grape, Wine		46.65	4	18.38	A
Grapefruit		37.16	1	9.29	A
Herb, Spice		18.00	1	12.00	A
Landscape Maintenance		70.35			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Plants In Containers		0.28	1	0.30	A
N-Outdr Flower		124.00	5	31.00	A
N-Outdr Plants In Containers		878.13	45	232.39	A
N-Outdr Transplants		518.20	13	175.00	A
Olive		4.50	1	2.00	A
Orange		214.16	3	53.54	A
Peach		0.10	1	0.10	A
Pepper, Fruiting		452.78	31	393.15	A
Pepper, Spice		42.00	7	92.00	A
Persimmon		380.21	13	120.37	A
Plum		1.59	1	1.80	A
Raspberry		16.13	1	10.75	A
Research Commodity		48.43			
Rights Of Way		72.38			
		31.50	1	9.00	A
Total Pounds On This Commodity	103.88				
Rosemary		1.00	1	1.00	U
Sage		18.00	1	10.00	A
Soil Fumigation/Preplant		1,516.00	27	1,516.00	A
Strawberry		5,865.45	100	5,012.31	A
Tomato		292.40	11	172.20	A
Tomato, Processing		2,668.43	49	1,960.51	A
Turf/Sod		60.23	1	10.95	A
Walnut		96.37	2	53.00	A
Chemical Total		22,115.19	1,090		
NEROLIDOL					
Grape		4.01	6	232.50	A
Grape, Wine		1.34	12	95.04	A
N-Grnhs Plants In Containers		0.09	49	29.70	A
		< 0.01	5	25,500.00	S
Total Pounds On This Commodity	0.09				
N-Grnhs Transplants		< 0.01	1	18,000.00	S
N-Outdr Plants In Containers		0.36	34	123.91	A
Walnut		0.05	1	21.00	A
Chemical Total		5.87	108		
NICARBAZIN					
Landscape Maintenance		2.58			
Structural Pest Control		0.25			
Chemical Total		2.83			
NICOSULFURON					
Corn (Forage - Fodder)		380.95	209	10,716.01	A
Corn, Grain		4.63	4	202.00	A
Corn, Human Consumption		7.58	7	339.87	A
Chemical Total		393.16	220		
NICOTINE					
Research Commodity		0.07			
Chemical Total		0.07			
NITHIAZINE					
Structural Pest Control		< 0.01			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		< 0.01			
NITRAPYRIN					
N-Outdr Plants In Containers		4.06	1	0.30	A
Walnut		79.74	2	88.00	A
Chemical Total		83.80	3		
NITROFEN					
Onion, Green		2.00	1	2.00	A
Chemical Total		2.00	1		
NITROGEN, LIQUIFIED					
Structural Pest Control		2,181.03			
Chemical Total		2,181.03			
NONANOIC ACID					
Apple		0.06	1	1.00	A
Avocado		62.35	7	54.40	A
Beet		1,392.43	6	63.25	A
Citrus		10.66	1	0.25	A
Grape		8.52	1	1.00	A
Grape, Wine		25.57	6	9.25	A
Industrial Site		6.93		13.00	A
Landscape Maintenance		1,727.35			
Lemon		1.05	3	6.50	A
N-Grnhs Flower		182.00	37	51.70	A
		0.92	1	54,450.00	S
Total Pounds On This Commodity	182.92				
N-Grnhs Plants In Containers		689.93	135	239.66	A
		7.65	2	44,000.00	S
Total Pounds On This Commodity	697.58				
N-Outdr Plants In Containers		819.38	187	159.30	A
		5.13	6	16,900.00	S
Total Pounds On This Commodity	824.51				
N-Outdr Transplants		129.07	6	6.75	A
Orange		< 0.01	1	0.50	A
Public Health		23.00			
Regulatory Pest Control		0.03			
Research Commodity		5.34			
Rights Of Way		431.25			
Tangelo		1.00	3	6.00	A
Uncultivated Non-Ag		0.73	4	5.00	A
Walnut		42.62	2	80.00	A
Chemical Total		5,572.98	409		
NONANOIC ACID, OTHER RELATED					
Avocado		3.28	7	54.40	A
Beet		73.29	6	63.25	A
Citrus		0.56	1	0.25	A
Grape		0.45	1	1.00	A
Grape, Wine		1.35	6	9.25	A
Industrial Site		0.36		13.00	A
Landscape Maintenance		90.85			
Lemon		0.06	3	6.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Flower		9.58	37	51.70	A
		0.05	1	54,450.00	S
Total Pounds On This Commodity	9.63				
N-Grnhs Plants In Containers		36.31	135	239.66	A
		0.40	2	44,000.00	S
Total Pounds On This Commodity	36.71				
N-Outdr Plants In Containers		43.12	186	159.29	A
		0.27	6	16,900.00	S
Total Pounds On This Commodity	43.39				
N-Outdr Transplants		6.79	6	6.75	A
Public Health		1.21			
Research Commodity		0.28			
Rights Of Way		22.69			
Tangelo		0.05	3	6.00	A
Uncultivated Non-Ag		0.04	4	5.00	A
Walnut		2.24	2	80.00	A
Chemical Total		293.24	406		
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED					
Alfalfa		3,094.63	778	46,580.23	A
Almond		13,274.12	2,731	152,605.48	A
Apple		565.48	121	4,306.48	A
Apricot		760.90	93	4,665.10	A
Arrugula		5.23	3	63.00	A
Artichoke, Globe		3,518.28	1,088	47,634.97	A
Asparagus		11.59	12	671.00	A
Avocado		2.67	3	37.00	A
Bean, Dried		505.69	176	9,978.18	A
Bean, Succulent		145.48	28	1,308.00	A
Blueberry		50.12	7	309.00	A
Bok Choy		3.25	10	38.63	A
Broccoli		370.24	461	7,786.25	A
Cabbage		41.76	25	394.30	A
Cantaloupe		178.64	42	2,707.62	A
Cardoon		2.56	16	27.20	A
Carrot		3,091.31	260	17,193.54	A
Cauliflower		199.22	86	1,948.15	A
Celery		68.97	118	1,293.24	A
Cherry		2,018.99	869	19,116.51	A
Chinese Cabbage (Nappa)		2.44	8	48.93	A
Cilantro		4.48	7	57.58	A
Citrus		9.70	11	127.70	A
Corn (Forage - Fodder)		698.41	266	13,848.27	A
Corn, Grain		13.17	2	255.00	A
Corn, Human Consumption		1,966.48	364	38,050.15	A
Cotton		1,691.11	498	34,402.27	A
Cucumber		0.88	2	44.00	A
Eggplant		3.29	7	38.50	A
Endive (Escarole)		1.71	9	27.42	A
Forage Hay/Silage		38.14	14	610.40	A
Garlic		86.39	10	752.50	A
Grape		3,602.59	1,386	53,107.28	A
Grape, Wine		7,362.75	3,338	92,009.86	A
Grapefruit		64.70	47	505.00	A
Kale		1.18	1	20.96	A
Kiwi		2.19	2	18.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		2.25			
Leek		0.05	1	5.00	A
Lemon		106.97	30	482.98	A
Lettuce, Head		1,414.06	1,124	23,202.90	A
Lettuce, Leaf		353.07	455	6,079.43	A
Melon		66.20	15	1,160.00	A
Mint		0.72	1	7.80	A
Mustard		2.27	6	13.00	A
N-Grnhs Flower		9.11	64	45.74	A
N-Grnhs Plants In Containers		105.53	352	1,009.77	A
N-Outdr Flower		38.21	121	164.62	A
N-Outdr Plants In Containers		401.74	279	1,680.67	A
		0.50	2	2.00	U
Total Pounds On This Commodity	402.24				
N-Outdr Transplants		15.88	7	110.75	A
Nectarine		48.72	284	1,834.17	A
Oat		12.60	7	593.40	A
Oat (Forage - Fodder)		38.16	48	2,103.52	A
Okra		0.32	1	7.00	A
Olive		278.69	67	1,828.07	A
Onion, Dry		286.23	94	7,559.97	A
Orange		4,944.78	799	15,905.24	A
Parsnip		1.88	1	13.00	A
Pastureland		20.02	4	1,246.50	A
Peach		1,556.34	643	11,876.91	A
Pear		< 0.01	95	4,455.60	A
Peas		0.20	5	12.64	A
Pecan		0.78	1	13.00	A
Pepper, Fruiting		154.62	77	2,978.10	A
Persimmon		5.34	6	44.75	A
Pistachio		2,185.88	267	26,764.53	A
Plum		80.85	140	1,462.04	A
Pluot		0.19	2	6.00	A
Pomegranate		20.30	13	897.06	A
Pomelo		0.14	1	2.00	A
Potato		135.76	51	5,031.16	A
Prune		400.31	71	2,449.80	A
Pumpkin		1.92	4	40.00	A
Radicchio		2.11	3	165.00	A
Raspberry		0.23	1	6.80	A
Rice		26.92	9	899.50	A
Rights Of Way		63.13			
Soil Fumigation/Preplant		105.13	51	2,336.40	A
Sorghum (Forage - Fodder)		3.72	6	142.63	A
Sorghum/Milo		6.63	4	132.00	A
Spinach		5.08	15	113.70	A
Squash		2.27	7	89.00	A
Squash, Summer		0.32	1	7.00	A
Strawberry		54.79	54	1,032.30	A
Sugarbeet		67.85	26	1,526.00	A
Sugarbeet (Forage - Fodder)		1.93	2	148.00	A
Sunflower		52.08	27	1,337.80	A
Tangelo		34.46	21	252.80	A
Tangerine		210.97	53	2,230.70	A
Tomato		58.69	44	2,419.90	A
Tomato, Processing		1,128.49	273	24,573.91	A
Triticale		26.45	21	2,236.36	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Turf/Sod		6.63	6	73.00	A
Uncultivated Ag		251.86	114	2,440.05	A
Uncultivated Non-Ag		0.96	4	36.00	A
Vertebrate Control		0.18	1	155.00	A
Walnut		2,840.74	599	19,175.34	A
Watermelon		224.95	70	3,733.50	A
Wheat		609.84	205	17,310.15	A
Wheat (Forage - Fodder)		362.58	432	20,084.75	A
Chemical Total		61,977.47	20,086		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Airport		10.14	2	150.00	A
Alfalfa		84,598.86	10,191	597,763.26	A
Almond		252,118.98	16,898	972,939.52	A
		3.59	8	258.78	U
Total Pounds On This Commodity	252,122.57				
Animal Premise		129.12		61.00	U
		17.74		73.00	A
Total Pounds On This Commodity	146.86				
Apple		1,967.30	208	3,519.23	A
Apricot		2,563.49	377	7,830.74	A
Artichoke, Globe		456.58	326	5,281.02	A
Asian Pear		2.07	1	5.00	A
Asparagus		3,810.05	189	12,647.32	A
Avocado		426.43	122	1,403.60	A
Barley		1,092.69	143	10,298.53	A
Barley (Forage - Fodder)		101.41	18	710.00	A
Bean, Dried		2,772.14	523	28,994.26	A
Bean, Succulent		779.39	184	5,919.80	A
Bean, Unspecified		228.95	31	1,583.30	A
Beet		12.82	45	105.00	A
Bermudagrass		252.07	28	2,017.00	A
Blackberry		67.61	51	301.94	A
Blueberry		1,844.09	136	5,159.96	A
Bok Choy		42.39	109	240.66	A
Broccoli		4,899.90	3,264	42,060.99	A
Brussels Sprout		25.16	31	571.00	A
Buildings/Non-Ag Outdroor		0.63	1	2.50	A
Cabbage		1,065.70	906	7,868.32	A
Canola (Rape)		9.28	2	83.00	A
Cantaloupe		1,830.74	250	21,072.92	A
Carrot		957.96	219	8,908.79	A
Cauliflower		679.51	569	6,766.32	A
Celeriac		1.10	40	53.08	A
Celery		4,844.32	2,228	30,112.39	A
Cherry		11,607.89	1,501	36,417.24	A
Chestnut		42.58	8	27.77	A
Chicory		28.16	7	112.20	A
Chinese Cabbage (Nappa)		27.85	111	287.74	A
Christmas Tree		41.01	19	76.00	A
Cilantro		69.24	55	425.31	A
Citrus		51.32	32	267.91	A
Clover		85.72	28	695.37	A
Collard		366.04	265	1,333.72	A
Corn (Forage - Fodder)		36,821.84	4,126	188,782.51	A
Corn, Grain		1,998.45	357	11,353.87	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn, Human Consumption		6,053.63	1,639	61,937.28	A
Cotton		25,219.85	3,625	346,133.51	A
Cotton (Forage - Fodder)		9.15	4	221.40	A
Cucumber		670.44	104	3,368.80	A
Daikon		0.11	5	5.23	A
Dandelion Green		0.05	4	2.45	A
Date		54.04	4	66.60	A
Ditch Bank		150.58	44	227.60	A
Eggplant		46.23	26	432.00	A
Endive (Escarole)		44.51	194	330.84	A
Farm/Ag Building		0.19	2	6.80	A
Fennel		2.34	6	55.30	A
Fig		3,067.54	223	12,042.50	A
		1,886.76		463.00	U
Total Pounds On This Commodity	4,954.30				
Forage Hay/Silage		606.31	98	4,646.15	A
Forest, Timberland		4,669.37	582	18,727.20	A
Gai Lon		98.75	55	1,862.66	A
Garbanzo Bean		451.88	37	2,760.00	A
Garlic		672.10	102	6,876.30	A
Gourd		2.43	2	16.00	A
Grain		18.00	8	151.00	A
Grape		46,405.59	6,321	239,296.66	A
Grape, Wine		177,061.81	19,732	687,979.42	A
		0.41	1	40.00	U
Total Pounds On This Commodity	177,062.21				
Grapefruit		448.61	107	1,548.60	A
Herb, Spice		8.13	21	78.00	A
		3.27	6	4.25	U
Total Pounds On This Commodity	11.41				
Horseradish		17.44	2	239.00	A
Industrial Site		39.49	7	42.25	A
Kale		87.72	107	463.27	A
Kiwi		310.12	58	1,052.95	A
Kohlrabi		0.33	16	15.91	A
Landscape Maintenance		8,839.85			
		31.14	11	120.80	A
Total Pounds On This Commodity	8,870.99				
Leek		13.71	40	95.09	A
Lemon		2,090.17	306	9,431.45	A
Lettuce, Head		5,950.94	5,116	66,429.06	A
Lettuce, Leaf		4,997.72	5,562	51,698.66	A
Melon		1,431.99	220	12,252.22	A
Mint		315.96	105	6,365.72	A
Mustard		255.70	257	1,039.86	A
N-Grnhs Flower		262.26	1,699	2,505.95	A
		7.39	30	301,200.00	S
Total Pounds On This Commodity	269.64				
N-Grnhs Plants In Containers		318.64	483	1,369.94	A
		88.12	213	6,578,947.00	S
		0.05	1	0.50	U
Total Pounds On This Commodity	406.81				
N-Grnhs Transplants		74.90	462	564.32	A
N-Outdr Flower		747.27	2,055	7,880.93	A
N-Outdr Plants In Containers		5,904.69	2,159	18,280.74	A
		189.14	418	13,485,898.00	S
		31.33	10	7,500.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	6,125.16				
N-Outdr Transplants		907.04	440	3,024.96	A
Nectarine		15,942.61	2,908	36,461.40	A
Oat		1,712.19	216	10,120.88	A
Oat (Forage - Fodder)		11,242.29	1,083	44,172.89	A
Olive		3,561.15	370	9,769.99	A
Onion, Dry		5,024.43	995	52,728.25	A
Onion, Green		1,732.72	118	1,095.17	A
Orange		16,294.05	2,376	55,256.51	A
Parsley		542.01	74	887.03	A
Pastureland		2,373.50	159	8,585.91	A
Peach		21,641.85	4,253	63,950.17	A
Pear		1,149.75	338	10,552.19	A
Peas		383.79	97	1,160.91	A
Pecan		346.08	54	820.50	A
Pepper, Fruiting		4,381.50	579	18,298.39	A
Pepper, Spice		24.95	8	200.80	A
Persimmon		122.43	81	693.96	A
Pistachio		73,443.03	3,381	271,197.10	A
Plum		8,734.34	1,550	23,808.55	A
Pluot		193.12	13	377.69	A
Pomegranate		9,296.16	397	44,687.77	A
Pomelo		37.72	24	199.70	A
Potato		3,410.08	317	22,263.26	A
Prune		11,236.02	948	36,998.79	A
Public Health		1,389.82			
Pumpkin		409.58	78	1,923.20	A
Quince		20.38	10	59.25	A
Radicchio		1,034.54	60	3,126.07	A
Radish		6.93	7	24.09	A
Rangeland		501.25	118	5,810.00	A
Rappini		169.59	177	2,286.70	A
Raspberry		1,087.98	176	1,975.43	A
Recreation Area		2.60	1	2.00	A
Regulatory Pest Control		1,030.44			
		7.22		3,005.00	A
Total Pounds On This Commodity	1,037.66				
Research Commodity		65.50	25	131.90	A
		7.43			
Total Pounds On This Commodity	72.93				
Rice		63,215.16	3,288	247,182.87	A
		5.26	1	14.00	U
Total Pounds On This Commodity	63,220.42				
Rice, Wild		16.68	6	352.00	A
Rights Of Way		64,861.46			
		430.43	93	1,763.80	A
		77.32	14	980.00	U
Total Pounds On This Commodity	65,369.21				
Rye		44.36	9	202.00	A
Ryegrass		275.56	35	1,413.00	A
Safflower		1,069.29	223	62,935.20	A
Soil Fumigation/Preplant		3,114.42	353	15,989.25	A
Sorghum (Forage - Fodder)		158.93	28	1,702.03	A
Sorghum/Milo		175.68	20	988.47	A
Soybean		72.07	19	317.00	A
Spinach		509.90	207	2,113.67	A
Squash		258.38	70	1,391.78	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Squash, Summer		3.58	7	47.10	A
Squash, Winter		8.95	4	76.00	A
Stone Fruit		9.93	5	15.30	A
Storage Area/Box		1.87		1.00	K
Strawberry		16,435.71	1,778	62,262.68	A
Structural Pest Control		388.53			
		18.96	15	393.30	A
Total Pounds On This Commodity	407.49				
Sudangrass		372.53	82	3,220.88	A
Sugarbeet		1,157.19	327	22,160.10	A
Sugarbeet (Forage - Fodder)		2.38	2	148.00	A
Sugarcane		37.44	3	130.00	A
Sunflower		1,945.72	233	13,050.34	A
Sweet Potato		40.38	23	442.30	A
Swiss Chard		85.88	145	555.16	A
Tangelo		262.47	97	1,297.40	A
Tangerine		1,858.49	528	14,897.53	A
Timothy		32.07	5	749.00	A
Tomatillo		17.28	5	60.50	A
Tomato		5,857.18	770	31,816.89	A
		18.47	1	26,136.00	S
Total Pounds On This Commodity	5,875.65				
Tomato, Processing		40,165.80	4,053	304,158.51	A
Triticale		188.85	39	4,007.56	A
Turf/Sod		268.41	56	904.54	A
Turnip		61.94	103	328.50	A
Uncultivated Ag		10,048.84	1,460	87,718.98	A
		0.24	2	116.25	U
Total Pounds On This Commodity	10,049.08				
Uncultivated Non-Ag		8,592.47	169	6,265.10	A
Unknown		288.21	106	1,398.49	A
Vegetable		97.22	2	80.00	A
Vertebrate Control		13.65	14	732.33	A
		2.31			
Total Pounds On This Commodity	15.96				
Walnut		35,004.40	4,826	138,908.44	A
		2.06	10	110.00	U
Total Pounds On This Commodity	35,006.46				
Water Area		249.37	29	260.37	A
		0.06		2.00	U
Total Pounds On This Commodity	249.43				
Watercress		50.98	1	23.10	A
Watermelon		1,398.18	224	9,301.44	A
Wheat		12,024.13	1,485	103,029.10	A
Wheat (Forage - Fodder)		5,684.76	1,446	78,188.54	A
Chemical Total		1,194,858.33	139,750		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), BRANCHED					
Alfalfa		4,994.65	733	45,432.24	A
Almond		5,749.83	601	31,473.35	A
Apple		36.81	22	502.48	A
Apricot		0.42	2	16.00	A
Asparagus		15.36	2	98.00	A
Avocado		11.44	2	75.00	A
Barley		48.80	9	793.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bean, Dried	33.16	9	524.00	A
Bean, Succulent	9.92	3	190.00	A
Bermudagrass	8.20	7	456.00	A
Blueberry	0.06	1	3.18	A
Broccoli	28.63	137	1,531.29	A
Cabbage	0.82	3	35.00	A
Cantaloupe	28.30	8	726.00	A
Carrot	13.44	7	307.42	A
Cauliflower	6.24	33	372.00	A
Celery	17.91	169	1,209.20	A
Cherry	288.05	136	1,653.34	A
Chinese Cabbage (Nappa)	0.13	3	4.50	A
Citrus	5.77	5	62.50	A
Collard	1.06	2	36.00	A
Corn (Forage - Fodder)	505.74	137	5,789.32	A
Corn, Grain	1.91	2	40.00	A
Corn, Human Consumption	101.79	453	15,201.00	A
Cotton	1,167.53	145	10,211.00	A
Endive (Escarole)	1.02	24	34.50	A
Fig	3.74	10	110.32	A
Garbanzo Bean	2.52	4	215.00	A
Garlic	460.41	84	5,387.60	A
Grape	267.32	125	4,012.18	A
Grape, Wine	425.49	231	9,700.37	A
Grapefruit	26.95	16	244.60	A
Herb, Spice	0.13	1	3.00	A
Kale	0.35	14	28.50	A
Landscape Maintenance	14.86			
Lemon	146.68	16	399.00	A
Lettuce, Head	44.26	197	2,268.89	A
Lettuce, Leaf	58.46	350	3,419.91	A
Melon	3.05	4	94.00	A
N-Grnhs Plants In Containers	0.09	1	30,000.00	S
Nectarine	128.26	327	2,431.08	A
Oat	1.64	1	75.00	A
Olive	52.83	20	599.70	A
Onion, Dry	443.18	56	1,617.30	A
Orange	1,528.31	589	12,963.61	A
Parsley	0.03	1	1.00	A
Peach	403.17	336	2,017.44	A
Pear	49.10	9	136.00	A
Persimmon	1.91	4	26.00	A
Pistachio	290.51	98	6,130.43	A
Plum	106.66	229	1,513.11	A
Pomegranate	124.47	16	945.18	A
Pomelo	6.25	6	67.00	A
Potato	187.49	19	1,265.00	A
Prune	5.70	7	170.70	A
Rangeland	35.99	2	453.00	A
Rice	699.24	62	4,086.60	A
Rights Of Way	5.80			
Safflower	4.47	1	43.00	A
Soil Fumigation/Preplant	28.97	9	425.00	A
Spinach	7.15	2	90.00	A
Strawberry	993.51	104	5,438.38	A
Sudangrass	1.97	3	96.00	A
Sugarbeet	158.75	40	2,618.20	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sunflower	1.41	3	45.50	A
Sweet Potato	4.24	2	33.00	A
Tangelo	13.36	6	92.54	A
Tangerine	198.26	77	1,342.50	A
Tomato	94.54	42	812.56	A
Tomato, Processing	828.25	60	6,840.50	A
Uncultivated Ag	43.03	5	399.67	A
Uncultivated Non-Ag	7.46	3	206.00	A
Walnut	5,015.79	221	4,584.96	A
Wheat	56.69	41	3,036.60	A
Wheat (Forage - Fodder)	17.32	15	519.65	A
Chemical Total	26,076.99	6,124		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Alfalfa	11,362.65	488	31,540.37	A
Almond	24,495.04	1,305	73,232.94	A
Apple	36.17	23	218.55	A
Apricot	33.00	7	83.70	A
Asparagus	1,079.56	31	1,488.00	A
Avocado	4.04	5	39.00	A
Barley	161.27	6	343.89	A
Bean, Dried	305.27	16	1,101.00	A
Bean, Succulent	54.18	8	188.25	A
Bean, Unspecified	41.71	7	240.20	A
Beet	3.04	4	20.43	A
Blackberry	48.36	10	134.50	A
Blueberry	119.44	12	211.75	A
Bok Choy	0.23	1	1.15	A
Broccoli	97.20	23	456.96	A
Cabbage	58.65	29	278.08	A
Cantaloupe	133.27	39	1,706.07	A
Carrot	2,395.55	85	4,904.30	A
Cauliflower	2.27	1	17.20	A
Celery	961.61	153	1,950.89	A
Cherry	522.15	45	1,186.74	A
Chicory	25.09	1	42.00	A
Chinese Cabbage (Nappa)	1.02	3	4.15	A
Collard	18.34	10	63.90	A
Corn (Forage - Fodder)	3,136.51	144	7,518.92	A
Corn, Grain	16.15	1	14.70	A
Corn, Human Consumption	199.52	17	752.60	A
Cotton	6,329.06	644	71,940.82	A
Cucumber	20.84	10	77.50	A
Date	58.58	1	38.50	A
Forage Hay/Silage	261.47	3	250.00	A
Forest, Timberland	10.54	2	122.00	A
Garbanzo Bean	59.86	3	105.00	A
Garlic	120.10	5	316.00	A
Grape	6,150.35	240	9,460.70	A
Grape, Wine	28,327.31	2,219	50,099.05	A
Grapefruit	1,643.06	71	1,963.25	A
Industrial Site	0.73		0.50	A
Kale	1.47	3	7.78	A
Kiwi	54.33	4	168.20	A
Landscape Maintenance	210.99			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.82	1	3.00	A
Total Pounds On This Commodity	211.81				
Lemon		5.55	2	18.00	A
Lettuce, Head		498.27	148	2,095.80	A
Lettuce, Leaf		146.45	44	471.82	A
Melon		167.75	47	1,770.07	A
N-Grnhs Flower		164.08	126	201.91	A
		1.33	13	35,600.00	S
Total Pounds On This Commodity	165.42				
N-Grnhs Plants In Containers		0.13	8	27,649.00	S
N-Outdr Flower		89.95	258	571.61	A
N-Outdr Plants In Containers		44.93	73	227.89	A
N-Outdr Transplants		0.20	1	12.00	A
Nectarine		169.05	28	256.95	A
Oat		11.87	4	141.80	A
Oat (Forage - Fodder)		182.63	13	124.70	A
Olive		14.11	3	77.00	A
Onion, Dry		593.64	18	1,243.60	A
Orange		1,154.11	53	1,569.50	A
Pastureland		0.13	1	1.50	A
Peach		666.97	117	2,658.01	A
Pear		1.62	3	68.63	A
Peas		0.30	3	3.50	A
Pepper, Fruiting		645.46	21	543.30	A
Persimmon		0.03	2	4.00	A
Pistachio		1,352.85	108	6,138.50	A
Plum		117.73	23	294.99	A
Pomegranate		371.81	12	787.47	A
Potato		439.16	18	522.40	A
Prune		309.25	20	1,573.66	A
Radicchio		2.48	1	7.00	A
Radish		0.38	1	1.00	A
Rangeland		47.89	17	265.00	A
Raspberry		148.61	82	586.24	A
Rice		24,625.23	326	26,445.66	A
Rights Of Way		3,589.72			
		163.55	19	1,006.00	A
Total Pounds On This Commodity	3,753.27				
Safflower		9.23	1	135.00	A
Soil Fumigation/Preplant		442.75	16	731.00	A
Soybean		10.95	5	74.00	A
Strawberry		18,754.20	1,039	49,808.31	A
Structural Pest Control		24.14			
		17.81	19	297.98	A
Total Pounds On This Commodity	41.96				
Sudangrass		175.74	2	152.79	A
Sugarbeet		462.08	6	576.00	A
Sugarcane		190.39	3	130.00	A
Sunflower		51.26	2	42.50	A
Tangerine		38.01	26	389.44	A
Tomato		967.71	38	1,386.15	A
Tomato, Processing		5,709.16	485	36,449.27	A
Turf/Sod		88.79	10	190.80	A
Uncultivated Ag		3,634.82	280	13,951.70	A
Uncultivated Non-Ag		16.62	6	194.47	A
Unknown		142.23	5	99.00	A
Walnut		1,736.84	297	8,271.56	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Watermelon		397.80	10	436.70	A
Wheat		316.69	11	461.20	A
Wheat (Forage - Fodder)		173.47	15	603.00	A
Chemical Total		157,648.75	9,569		
NONYL PHENOXY POLYOXYETHYLENE ETHANOL-IODINE COMPLEX					
Animal Premise		109.23		16,744.00	U
		2.78		34.00	A
		0.69			
Total Pounds On This Commodity	< 0.01				
Dairy Equipment		56.14		4.00	A
Landscape Maintenance		17.20			
Rights Of Way		125.52			
Structural Pest Control		38.76			
Vertebrate Control		3.25			
Chemical Total		353.56			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) SULFATE, AMMONIUM SALT					
Alfalfa		24.99	135	8,069.10	A
Almond		136.92	400	35,771.81	A
Apple		0.26	2	28.00	A
Apricot		0.06	1	14.05	A
Bean, Dried		1.78	14	744.00	A
Bean, Unspecified		0.32	5	48.50	A
Bermudagrass		0.06	1	10.00	A
Blackberry		0.02	1	12.00	A
Blueberry		0.03	6	40.42	A
Broccoli		0.13	2	20.46	A
Cherry		14.47	33	968.75	A
Citrus		0.10	3	54.00	A
Corn (Forage - Fodder)		2.77	26	1,454.00	A
Corn, Human Consumption		1.40	12	328.70	A
Cotton		30.10	151	8,216.00	A
Garlic		0.10	1	30.00	A
Grape		50.11	158	7,281.06	A
Grape, Wine		13.50	193	5,265.76	A
Grapefruit		1.59	40	658.20	A
Kiwi		0.02	1	6.00	A
Landscape Maintenance		0.77			
Lemon		4.93	91	2,178.20	A
N-Outdr Plants In Containers		0.10	6	9.45	A
Nectarine		1.09	11	124.00	A
Olive		0.31	2	80.00	A
Onion, Dry		1.81	4	235.20	A
Orange		29.67	357	13,336.03	A
Peach		5.49	32	529.48	A
Pecan		0.10	2	23.33	A
Persimmon		< 0.01	1	5.00	A
Pistachio		7.75	96	4,046.84	A
Plum		9.57	29	744.73	A
Pomelo		0.07	4	31.00	A
Prune		10.06	34	1,150.00	A
Raspberry		0.09	5	48.50	A
Rice		50.37	126	8,590.10	A
Rights Of Way		6.97			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Soil Fumigation/Preplant		0.27	1	164.00	A
Sorghum/Milo		0.03	1	80.00	A
Spinach		0.42	1	50.00	A
Structural Pest Control		0.05			
Tangelo		2.37	19	1,069.40	A
Tangerine		2.87	71	1,259.50	A
Tomato, Processing		2.11	4	351.00	A
Uncultivated Ag		0.11	2	150.00	A
Uncultivated Non-Ag		0.18	1	60.00	A
Walnut		3.15	31	962.00	A
Chemical Total		419.45	2,116		
NORFLURAZON					
Alfalfa		5,006.40	72	4,010.30	A
Almond		14,250.25	333	18,633.73	A
Apple		331.69	13	225.70	A
Apricot		355.08	10	354.50	A
Asparagus		62.88	2	40.00	A
Avocado		4.32	3	92.50	A
Blueberry		326.97	14	269.64	A
Cherry		167.81	13	209.00	A
Citrus		230.53	13	83.64	A
Grape		3,240.55	113	4,950.75	A
Grape, Wine		1,603.64	82	2,294.30	A
Grapefruit		130.61	8	67.00	A
Landscape Maintenance		50.83			
Lemon		166.35	17	356.60	A
N-Outdr Plants In Containers		156.34	6	91.00	A
Nectarine		9.81	5	4.99	A
Orange		2,300.01	63	2,233.69	A
Peach		68.30	7	138.10	A
Pear		77.11	3	86.10	A
Pecan		100.22	1	42.50	A
Plum		20.42	6	31.04	A
Pomelo		161.92	8	48.20	A
Prune		724.39	23	533.90	A
Research Commodity		4.72	1	4.62	A
Rights Of Way		1,937.88			
		28.30	2	8.00	A
Total Pounds On This Commodity	1,966.18				
Tangelo		15.27	2	23.00	A
Tangerine		10,766.29	156	7,473.85	A
Uncultivated Ag		44.21	2	31.50	A
Uncultivated Non-Ag		74.67	4	19.00	A
Walnut		2,254.56	80	2,075.87	A
Chemical Total		44,672.32	1,062		
NOSEMA LOCUSTAE SPORES					
Pastureland		< 0.01	3	132.00	A
Chemical Total		< 0.01	3		
NOVALURON					
Alfalfa		258.04	45	3,294.80	A
Apple		116.49	33	550.20	A
Cabbage		185.31	248	2,659.07	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cauliflower		8.95	6	114.00	A
Cotton		396.97	20	4,337.00	A
N-Grnhs Flower		58.07	295	685.54	A
		2.12	45	1,267,350.00	S
Total Pounds On This Commodity	60.19				
N-Grnhs Plants In Containers		9.15	55	164.22	A
		2.30	44	1,298,540.00	S
Total Pounds On This Commodity	11.45				
N-Grnhs Transplants		0.47	9	8.53	A
N-Outdr Flower		12.90	75	254.33	A
		0.14	11	148,936.00	S
Total Pounds On This Commodity	13.03				
N-Outdr Plants In Containers		2.86	13	59.00	A
		0.19	5	59,895.00	S
Total Pounds On This Commodity	3.05				
N-Outdr Transplants		1.94	17	37.25	A
Pepper, Spice		< 0.01	3	0.30	A
Research Commodity		0.02			
Rights Of Way		0.12	1	1.00	A
		< 0.01			
Total Pounds On This Commodity	0.12				
Strawberry		2,347.09	674	24,497.26	A
Structural Pest Control		< 0.01			
Tomato		133.93	13	325.90	A
Tomato, Processing		6.20	3	79.00	A
Chemical Total		3,543.26	1,615		
NOVIFLUMURON					
Landscape Maintenance		< 0.01			
Structural Pest Control		1.27			
Chemical Total		1.27			
OCTANOL					
Barley		8.04	3	148.00	A
Herb, Spice		0.14	1	3.00	A
Lettuce, Leaf		0.05	1	3.00	A
Wheat		1.68	8	216.60	A
Wheat (Forage - Fodder)		16.10	11	479.00	A
Chemical Total		26.01	24		
OCTHILINONE					
Landscape Maintenance		0.06			
Structural Pest Control		819.63			
Chemical Total		819.69			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE					
Almond		0.76	2	57.00	A
Chicken		0.62		10.00	U
Commodity Fumigation		15.11			
Fumigation, Other		21.15			
Grain		26.44		270,000.00	C
Granary		1.74		3.00	U
Grape, Wine		1.93	2	97.00	A
Landscape Maintenance		118.60			
		1.63	16	515.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	120.23				
N-Grnhs Flower		0.14	4	222,000.00	S
		0.02	1	1.00	A
Total Pounds On This Commodity	0.16				
N-Grnhs Plants In Containers		0.04	2	60,000.00	S
		< 0.01	1	0.50	A
Total Pounds On This Commodity	0.04				
N-Grnhs Transplants		< 0.01	1	0.31	A
N-Outdr Transplants		0.10	2	40.23	A
		< 0.01	1	7,500.00	S
Total Pounds On This Commodity	0.11				
Olive		0.71	4	80.00	A
Pistachio		0.16	1	17.00	A
Public Health		9.82			
Regulatory Pest Control		2.57			
Rights Of Way		0.16			
		0.02	1	0.82	A
Total Pounds On This Commodity	0.18				
Structural Pest Control		4,438.13			
Uncultivated Non-Ag		2.04	8	89.00	A
Vertebrate Control		0.20			
Chemical Total		4,642.09	46		
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE					
Fumigation, Other		0.28			
Landscape Maintenance		0.54			
N-Grnhs Flower		1.54	3	52,500.00	S
N-Grnhs Plants In Containers		42.09	16	78.00	A
		22.41		7.00	U
		0.62	27	808,170.00	S
Total Pounds On This Commodity	65.12				
N-Grnhs Transplants		10.93	5	30,000.00	S
N-Outdr Flower		0.21	3	79,500.00	S
N-Outdr Plants In Containers		1.11	4	3.50	A
Structural Pest Control		0.23			
Chemical Total		79.97	58		
ALPHA-OCTYLPHENYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		1,181.23	199	10,746.97	A
Almond		3,308.34	402	24,635.86	A
Apple		18.20	1	28.00	U
		0.22	5	2.50	A
Total Pounds On This Commodity	18.42				
Apricot		1.83	10	72.88	A
Artichoke, Globe		10.03	4	34.40	A
Asparagus		1.19	1	102.30	A
Bean, Dried		92.23	18	1,042.20	A
Bean, Succulent		25.98	24	403.75	A
Blueberry		16.73	7	603.00	A
Broccoli		46.32	118	1,539.80	A
Cabbage		1.31	4	67.40	A
Cauliflower		20.75	28	273.26	A
Celery		8.10	6	42.60	A
Cherry		7,052.60	170	3,780.63	A
Chestnut		2.44	1	4.00	A
Chicory		12.89	7	64.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Christmas Tree		0.05	3	6.00	A
Citrus		3.94	3	5.10	A
Corn (Forage - Fodder)		117.95	64	3,315.00	A
Corn, Grain		0.43	2	30.40	A
Corn, Human Consumption		11.30	9	242.50	A
Cotton		400.24	21	4,916.00	A
Eggplant		0.23	2	5.00	A
Endive (Escarole)		0.68	1	3.80	A
Fennel		3.87	1	3.30	A
Garlic		2.03	2	175.00	A
Grain		0.14		1.00	A
Grape		1,152.05	173	5,575.61	A
Grape, Wine		1,645.03	259	5,726.64	A
		57.72	1	333.00	U
Total Pounds On This Commodity	1,702.75				
Grapefruit		15.11	25	1,019.00	A
Kiwi		7.59	2	36.00	A
Landscape Maintenance		257.85			
Leek		1.39	2	7.80	A
Lemon		274.75	35	1,439.00	A
Lettuce, Head		272.26	192	1,991.81	A
Lettuce, Leaf		168.74	146	1,213.32	A
Melon		130.48	9	597.69	A
N-Grnhs Plants In Containers		1.14	60	75.44	A
N-Outdr Flower		0.04	2	8.00	A
N-Outdr Plants In Containers		53.79	127	660.65	A
Nectarine		59.59	166	1,779.71	A
Oat (Forage - Fodder)		158.06	20	1,192.00	A
Olive		146.72	14	859.50	A
Onion, Dry		122.85	22	651.20	A
Orange		3,174.21	354	28,654.88	A
Pastureland		30.77	4	284.00	A
Peach		159.52	302	3,023.03	A
Peas		9.17	74	850.40	A
Pepper, Fruiting		4.74	10	172.20	A
Persimmon		29.45	14	104.70	A
Pistachio		661.66	64	7,901.84	A
Plum		251.48	195	2,824.75	A
Pluot		12.21	54	684.05	A
Pomegranate		83.20	1	60.00	A
Pomelo		0.29	1	5.00	A
Prune		18.12	13	292.85	A
Quince		12.48	1	9.00	A
Rangeland		97.50	2	900.00	A
Research Commodity		0.47	2	2.75	A
Rice		0.05	1	7.60	A
Rights Of Way		219.14			
Safflower		0.38	1	40.00	A
Soybean		8.52	9	127.00	A
Spinach		0.11	1	1.00	A
Strawberry		41.71	27	491.70	A
Structural Pest Control		8.49	3	19.60	A
		0.81			
Total Pounds On This Commodity	9.31				
Tangelo		53.39	11	167.25	A
Tangerine		531.07	43	1,651.40	A
Tomato		43.19	6	322.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing		648.01	83	9,057.75	A
Triticale		43.75	2	505.00	A
Turf/Sod		4.48	4	202.60	A
Uncultivated Ag		79.14	8	415.00	A
Uncultivated Non-Ag		8.23	3	28.00	A
Walnut		312.57	345	7,306.67	A
Wheat		119.03	19	725.00	A
Wheat (Forage - Fodder)		60.01	7	630.32	A
Chemical Total		23,593.80	4,032		
OIL OF BLACK PEPPER					
Landscape Maintenance		0.43			
Structural Pest Control		0.08			
Chemical Total		0.51			
OIL OF JOJOBA					
Almond		25.41	2	67.00	A
Apricot		45.88	11	39.25	A
Arrugula		1.13	2	2.10	A
Artichoke, Globe		279.26	56	596.30	A
Avocado		34.39	1	22.10	A
Bean, Succulent		3.07	1	2.00	A
Blueberry		434.48	8	357.00	A
Broccoli		21.52	11	69.60	A
Cabbage		4.13	8	8.50	A
Cantaloupe		3.88	1	24.80	A
Carrot		100.17	3	388.50	A
Cauliflower		11.65	7	46.00	A
Celery		38.11	31	134.40	A
Cherry		12.64	2	25.00	A
Corn (Forage - Fodder)		2.02	1	1.00	A
Cucumber		4.77	2	9.40	A
Endive (Escarole)		8.78	7	16.90	A
Grape		764.59	107	3,267.00	A
Grape, Wine		254.89	56	616.25	A
Kale		0.97	2	2.00	A
Landscape Maintenance		20.39			
Lettuce, Head		13.59	2	54.00	A
Lettuce, Leaf		106.64	57	386.05	A
N-Grnhs Flower		43.82	9	15.58	A
N-Grnhs Plants In Containers		79.23	80	53.38	A
		29.35	7	729,630.00	S
		27.88	10	405,000.00	U
Total Pounds On This Commodity	136.45				
N-Outdr Plants In Containers		61.08	9	11.12	A
		3.13	4	2,600.00	U
Total Pounds On This Commodity	64.21				
N-Outdr Transplants		43.11	103	54.48	A
Nectarine		6.46	3	12.03	A
Oat (Forage - Fodder)		13.75	1	72.00	A
Olive		16.18	2	80.00	A
Peach		31.41	5	34.20	A
Peas		6.72	3	53.60	A
Potato		157.85	2	78.00	A
Prune		8.09	1	30.00	A
Radicchio		8.17	4	8.07	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Research Commodity		1.40			
Rights Of Way		7.46			
Spinach		111.48	46	192.50	A
Strawberry		107.40	14	141.60	A
Structural Pest Control		360.23			
Swiss Chard		58.78	42	92.71	A
Tomato		25.41	2	60.00	A
Tomato, Processing		11.41	1	30.00	A
Wheat (Forage - Fodder)		6.07	1	32.00	A
Chemical Total		3,418.22	727		
OLEIC ACID					
Alfalfa		2,817.58	466	29,091.12	A
Almond		496.65	274	10,481.53	A
Apple		36.43	15	241.00	A
Apricot		3.35	8	243.73	A
Asparagus		2.37	1	61.10	A
Avocado		53.04	44	4,242.00	A
Barley		6.62	12	1,723.50	A
Bean, Dried		20.26	7	462.00	A
Bean, Unspecified		0.35	14	91.25	A
Bermudagrass		33.20	5	265.70	A
Blueberry		17.13	37	681.00	A
Broccoli		7.16	3	113.50	A
Cabbage		12.19	7	122.00	A
Carrot		1.95	1	40.00	A
Cauliflower		12.61	2	90.00	A
Celery		1.83	4	64.90	A
Cherry		58.09	49	790.32	A
Chinese Cabbage (Nappa)		0.35	4	6.50	A
Cilantro		10.50	2	68.00	A
Citrus		1.22	1	2.50	A
Collard		2.17	2	36.00	A
Corn (Forage - Fodder)		171.27	122	6,457.86	A
Corn, Grain		0.66	2	78.00	A
Corn, Human Consumption		18.79	12	536.50	A
Cotton		414.72	94	5,641.23	A
Endive (Escarole)		2.09	24	34.50	A
Flax		8.40	1	53.00	A
Forage Hay/Silage		25.86	10	741.10	A
Garbanzo Bean		5.18	4	215.00	A
Grape		780.45	690	34,315.12	A
Grape, Wine		1,377.37	1,332	88,927.33	A
Grapefruit		55.46	16	244.60	A
Herb, Spice		0.03	1	2.00	A
Industrial Site		0.34		10.00	A
Kale		0.49	7	8.00	A
Landscape Maintenance		24.64			
		0.02	2	50.00	A
Total Pounds On This Commodity	24.66				
Lemon		163.74	71	558.00	A
Lettuce, Head		3.48	4	62.00	A
Lettuce, Leaf		5.81	45	81.60	A
Melon		16.53	4	340.00	A
N-Grnhs Plants In Containers		0.18	1	30,000.00	S
		0.10	6	1.83	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	0.28				
N-Outdr Plants In Containers		8.38	41	1,564.50	A
Nectarine		51.24	19	530.20	A
Oat		7.26	18	558.00	A
Oat (Forage - Fodder)		3.26	10	521.00	A
Olive		79.38	21	543.10	A
Onion, Dry		178.38	26	1,475.60	A
Orange		2,503.94	718	15,739.79	A
Parsley		0.06	1	1.00	A
Pastureland		0.11	1	25.00	A
Peach		16.86	27	351.94	A
Pear		2.77	6	142.00	A
Pepper, Fruiting		0.12	3	120.00	A
Pistachio		70.13	35	1,767.90	A
Plum		11.18	24	991.05	A
Pomelo		12.86	6	67.00	A
Potato		99.20	39	3,375.64	A
Prune		1.40	3	40.00	A
Rangeland		10.93	15	2,757.00	A
Rice		2,046.32	240	12,501.26	A
Rights Of Way		20.20			
Soil Fumigation/Preplant		8.65	15	732.80	A
Sorghum (Forage - Fodder)		0.52	1	45.00	A
Squash		1.98	2	38.00	A
Squash, Summer		0.27	9	66.40	A
Storage Area/Box		3.85		1.00	K
Strawberry		3.88	3	185.09	A
Structural Pest Control		0.07			
Sudangrass		55.64	11	474.46	A
Sugarbeet		132.51	27	1,654.89	A
Sugarcane		12.61	2	73.00	A
Sunflower		8.98	4	139.50	A
Sweet Potato		5.36	3	51.00	A
Tangelo		27.49	6	92.54	A
Tangerine		57.30	66	1,185.11	A
Tomato		13.63	10	466.70	A
Tomato, Processing		340.63	159	18,398.20	A
Uncultivated Ag		12.98	11	306.10	A
Uncultivated Non-Ag		0.06	1	5.00	A
Unknown		20.18	100	2,361.80	A
Walnut		416.19	131	3,253.66	A
Watermelon		0.72	1	15.00	A
Wheat		170.98	46	2,485.54	A
Wheat (Forage - Fodder)		15.37	38	1,887.28	A
Chemical Total		13,104.53	5,305		
OLEIC ACID, ETHYL ESTER					
Landscape Maintenance		89.83			
Regulatory Pest Control		99.95		323.60	A
		37.22			
Total Pounds On This Commodity	137.17				
Rights Of Way		1,871.88			
		4.50	1	5.00	A
Total Pounds On This Commodity	1,876.39				
Structural Pest Control		3.00			
Uncultivated Non-Ag		28.17		50.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	2,134.56	1		
OLEIC ACID, METHYL ESTER				
Alfalfa	42,582.30	1,303	69,612.58	A
Almond	74,195.61	3,012	190,336.13	A
Apple	70.06	1	40.00	A
Apricot	824.11	30	1,026.60	A
Artichoke, Globe	37.48	20	222.40	A
Asparagus	4.78	3	65.10	A
Bean, Dried	2,225.05	66	4,503.50	A
Bean, Succulent	170.50	9	446.00	A
Bean, Unspecified	23.69	1	25.00	A
Bermudagrass	115.21	13	559.80	A
Blueberry	61.59	5	117.90	A
Bok Choy	5.19	37	47.09	A
Broccoli	624.80	297	4,089.83	A
Cabbage	52.02	37	319.99	A
Cantaloupe	33.58	1	51.10	A
Carrot	1,670.10	81	1,639.15	A
Cauliflower	586.77	265	3,096.91	A
Celery	1,444.08	549	5,734.10	A
Cherry	960.90	95	1,876.50	A
Chicory	23.84	14	214.90	A
Chinese Cabbage (Nappa)	13.85	40	109.59	A
Citrus	11.66	1	45.00	A
Clover	132.83	4	139.20	A
Collard	1.73	1	18.00	A
Corn (Forage - Fodder)	14,566.83	227	10,475.27	A
Corn, Grain	102.86	3	217.00	A
Corn, Human Consumption	1,182.71	67	2,472.40	A
Cotton	3,008.46	83	4,726.76	A
Cucumber	37.20	4	185.50	A
Ditch Bank	218.58	1	100.00	A
Eggplant	52.25	9	151.00	A
Endive (Escarole)	20.23	61	218.18	A
Fennel	1.75	5	16.00	A
Forage Hay/Silage	560.97	13	679.10	A
Forest, Timberland	27,709.46	311	10,070.10	A
Garbanzo Bean	37.10	1	57.00	A
Garlic	2,357.50	44	3,222.90	A
Grape	10,215.89	167	13,263.82	A
Grape, Wine	8,752.46	568	25,587.54	A
Grapefruit	58.27	9	199.75	A
Horseradish	236.51	1	104.00	A
Kale	72.10	72	716.37	A
Landscape Maintenance	1,325.33			
Lemon	239.52	12	947.00	A
Lettuce, Head	2,155.81	1,397	19,979.61	A
Lettuce, Leaf	2,447.08	1,790	19,175.11	A
Lime	7.47	2	26.40	A
Melon	162.63	6	340.50	A
Mint	2,996.68	29	1,910.00	A
N-Grnhs Flower	0.10	1	1,800.00	S
N-Outdr Plants In Containers	96.36	69	504.98	A
N-Outdr Transplants	4.54	1	43.00	A
Nectarine	855.98	14	408.90	A
Oat	61.96	12	232.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat (Forage - Fodder)		37.02	4	175.00	A
Olive		122.37	10	271.95	A
Onion, Dry		755.86	69	1,573.19	A
Onion, Green		4.55	4	22.00	A
Orange		680.10	40	1,370.69	A
Pastureland		521.80	10	605.00	A
Peach		560.48	70	1,542.22	A
Pear		6.59	1	15.00	A
Peas		155.15	15	217.40	A
Pecan		205.67	8	281.75	A
Pepper, Fruiting		1,176.60	150	3,438.14	A
Pepper, Spice		183.15	7	139.40	A
Pimento		18.39	1	14.00	A
Pistachio		1,807.93	155	6,773.23	A
Plum		611.59	20	738.81	A
Pomegranate		172.99	4	286.38	A
Potato		3,494.36	90	4,819.50	A
Prune		2,538.39	68	3,196.17	A
Pumpkin		345.19	30	1,319.00	A
Radicchio		10.49	6	92.78	A
Radish		7.83	2	43.00	A
Rangeland		228.62	5	1,251.00	A
Regulatory Pest Control		15.23			
		11.70		64.80	A
		0.59		12.00	U
Total Pounds On This Commodity	27.53				
Research Commodity		0.18			
Rice		91,271.92	2,268	135,670.93	A
Rights Of Way		13,337.99			
		418.58	7	228.50	A
Total Pounds On This Commodity	13,756.58				
Safflower		112.69	5	259.30	A
Soil Fumigation/Preplant		533.56	5	199.10	A
Sorghum (Forage - Fodder)		2,574.90	11	547.00	A
Sorghum/Milo		139.25	7	322.00	A
Spinach		20.31	11	105.90	A
Squash		9.89	3	60.00	A
Squash, Winter		43.70	4	162.00	A
Squash, Zucchini		0.41	1	4.23	A
Strawberry		961.67	72	2,136.00	A
Sudangrass		185.26	2	157.00	A
Sunflower		1,557.84	87	4,947.59	A
Swiss Chard		24.07	32	228.08	A
Tangelo		13.66	2	61.00	A
Tangerine		100.64	8	369.00	A
Tomato		612.61	32	1,200.60	A
Tomato, Processing		13,420.99	719	44,829.73	A
Triticale		24.26	24	661.30	A
Turnip		2.21	3	31.88	A
Uncultivated Ag		11,843.92	568	10,128.96	A
Uncultivated Non-Ag		254.78	14	292.32	A
Walnut		8,877.69	607	17,945.71	A
Water Area		1.90	1	1.00	A
Watermelon		267.74	20	612.90	A
Wheat		6,804.37	83	7,514.15	A
Wheat (Forage - Fodder)		63.82	9	411.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	372,569.78	16,238		
OLEIC ACID, POTASSIUM SALT				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
OLEYL ALCOHOL				
Barley	11.10	3	148.00	A
Herb, Spice	0.20	1	3.00	A
Lettuce, Leaf	0.07	1	3.00	A
Wheat	2.31	8	216.60	A
Wheat (Forage - Fodder)	22.24	11	479.00	A
Chemical Total	35.92	24		
ALPHA-OLEYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Barley	11.87	3	148.00	A
Herb, Spice	0.21	1	3.00	A
Lettuce, Leaf	0.08	1	3.00	A
Wheat	2.47	8	216.60	A
Wheat (Forage - Fodder)	23.77	11	479.00	A
Chemical Total	38.40	24		
ORCHEX 796 OIL				
Alfalfa	19,719.48	415	27,671.42	A
Almond	3,241.65	162	7,331.98	A
Apple	299.91	11	232.50	A
Asparagus	262.84	2	450.00	A
Bean, Dried	13.55	1	50.00	A
Beet	7.31	1	12.50	A
Bermudagrass	228.72	5	265.70	A
Blackberry	0.60	1	0.50	A
Blueberry	61.94	4	107.00	A
Broccoli	49.32	3	113.50	A
Cabbage	74.90	5	95.50	A
Cauliflower	86.83	2	90.00	A
Celery	22.73	1	38.00	A
Cherry	159.37	10	122.32	A
Cilantro	72.36	2	68.00	A
Corn (Forage - Fodder)	377.14	9	462.59	A
Corn, Human Consumption	57.89	2	70.00	A
Cotton	3,011.47	69	3,972.73	A
Flax	57.89	1	53.00	A
Forage Hay/Silage	43.42	1	70.00	A
Garlic	79.57	2	266.00	A
Grape	125.04	9	419.09	A
Grape, Wine	1,486.59	50	2,290.32	A
Landscape Maintenance	0.17			
Lettuce, Head	23.16	2	60.00	A
N-Outdr Plants In Containers	1.17	1	3.00	A
N-Outdr Transplants	5.38	1	12.00	A
Onion, Dry	1,345.83	17	1,602.60	A
Orange	2.49	7	52.70	A
Peach	121.76	13	650.00	A
Pear	19.10	6	142.00	A
Persimmon	0.72	2	4.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pistachio		111.70	3	257.80	A
Potato		489.91	4	433.50	A
Prune		269.30	16	1,444.00	A
Raspberry		35.98	6	78.64	A
Rice		18,062.96	323	18,219.82	A
Rights Of Way		551.89			
Soil Fumigation/Preplant		73.42	5	205.00	A
Strawberry		6.89	7	56.00	A
Sudangrass		369.04	9	293.90	A
Sugarbeet		912.78	27	1,654.89	A
Sugarcane		86.83	2	73.00	A
Sunflower		28.19	3	39.00	A
Sweet Potato		36.90	3	51.00	A
Tomato, Processing		303.19	21	1,331.20	A
Uncultivated Ag		17.94	1	83.00	A
Walnut		364.47	26	1,240.10	A
Wheat		915.58	30	1,738.20	A
Chemical Total		53,697.28	1,303		
ORGANO/MODIFIED POLYSILOXANE					
Alfalfa		0.35	2	299.60	A
Almond		4.78	220	8,822.07	A
		0.06	3	111.59	U
Total Pounds On This Commodity	4.84				
Cherry		< 0.01	1	0.50	A
Corn (Forage - Fodder)		0.32	10	705.30	A
Olive		0.25	7	97.12	A
Pistachio		0.05	4	108.00	A
Prune		0.74	53	1,211.79	A
Rights Of Way		0.29			
Sunflower		0.14	2	57.00	A
Uncultivated Ag		0.91	11	742.00	A
Uncultivated Non-Ag		0.20	9	104.00	A
Walnut		2.07	112	2,881.28	A
		0.04	5	55.00	U
Total Pounds On This Commodity	2.11				
Chemical Total		10.20	439		
ORGANOSILICONE, POLY OXYALKYLENE ETHER COPOLYMER					
Alfalfa		177.50	92	4,825.10	A
Almond		328.19	55	3,911.86	A
Bean, Succulent		0.51	2	11.10	A
Bok Choy		< 0.01	1	1.00	A
Broccoli		15.14	11	542.00	A
Cabbage		6.75	8	209.50	A
Cantaloupe		3.33	4	138.00	A
Cauliflower		0.25	1	10.00	A
Celery		25.11	26	224.40	A
Cherry		1.29	1	22.50	A
Corn (Forage - Fodder)		1.07	2	42.94	A
Cotton		1.75	5	110.20	A
Eggplant		6.40	6	140.00	A
Forest, Timberland		1.83	1	196.00	A
Garbanzo Bean		17.99	1	72.00	A
Grape		30.90	14	568.72	A
Grape, Wine		49.89	26	850.29	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		17.83			
		2.51	1	57.00	A
Total Pounds On This Commodity	20.35				
Lettuce, Head		80.11	90	2,836.60	A
Lettuce, Leaf		22.49	31	751.50	A
N-Outdr Flower		0.46	1	16.00	A
N-Outdr Plants In Containers		12.43	8	183.50	A
Olive		0.56	2	12.50	A
Onion, Dry		4.64	9	256.00	A
Onion, Green		0.91	1	20.00	A
Pear		1.44	4	96.10	A
Pepper, Fruiting		17.25	18	534.00	A
Pistachio		18.50	5	185.29	A
Pomegranate		4.50	3	65.88	A
Prune		9.39	4	105.00	A
Rice		4.98	5	381.70	A
Rights Of Way		975.26			
		0.90	4	39.00	A
Total Pounds On This Commodity	976.16				
Soil Fumigation/Preplant		405.29	9	379.00	A
Squash, Winter		1.28	1	28.00	A
Structural Pest Control		0.02			
Swiss Chard		0.19	2	25.40	A
Tomato, Processing		92.91	17	2,067.33	A
Turnip		2.00	2	56.00	A
Uncultivated Ag		107.45	10	89.75	A
Uncultivated Non-Ag		0.86	1	10.00	A
Walnut		17.10	10	195.50	A
Watermelon		1.14	1	40.00	A
Wheat		0.84	1	67.00	A
Chemical Total		2,471.15	496		
ORTHOSULFAMURON					
Rice		373.61	99	6,276.40	A
Chemical Total		373.61	99		
ORYZALIN					
Almond		202,319.36	2,247	99,368.20	A
		34.35	3	48.85	U
Total Pounds On This Commodity	< 0.01				
Apple		121.13	8	58.45	A
Apricot		1,276.41	34	768.90	A
Avocado		270.74	45	346.83	A
Blueberry		1,458.49	37	533.54	A
Cherry		3,132.55	119	1,923.06	A
Chestnut		7.92	3	6.14	A
Christmas Tree		26.59	6	15.25	A
Citrus		107.74	7	28.50	A
Fig		1,147.48	11	660.75	A
Forest, Timberland		60.38	4	14.50	A
Grape		40,469.24	706	22,780.49	A
		28.09	1	3.00	U
Total Pounds On This Commodity	40,497.33				
Grape, Wine		58,196.09	977	29,930.75	A
		3.01	1	40.00	U
Total Pounds On This Commodity	58,199.10				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grapefruit		263.44	6	84.25	A
Industrial Site		14.63		10.00	A
Kiwi		707.54	24	287.12	A
Landscape Maintenance		23,119.16			
		78.05	51	375.50	A
		1.01	4	26,000.00	S
Total Pounds On This Commodity	23,198.21				
Lemon		523.26	16	170.50	A
N-Grnhs Flower		5.93	3	3.00	A
		0.81	1	80,000.00	S
Total Pounds On This Commodity	6.74				
N-Grnhs Plants In Containers		168.10	72	134.28	A
		37.87	30	253,270.00	U
		0.16	1	1,800.00	S
Total Pounds On This Commodity	206.13				
N-Grnhs Transplants		26.63	13	8.51	A
		3.13	5	32,600.00	S
Total Pounds On This Commodity	29.75				
N-Outdr Flower		109.77	26	62.50	A
		6.02	4	90,000.00	S
Total Pounds On This Commodity	115.79				
N-Outdr Plants In Containers		9,690.99	1,852	4,013.17	A
		418.57	199	6,193,700.00	S
		2.44	1	50,000.00	U
Total Pounds On This Commodity	10,112.00				
N-Outdr Transplants		881.22	44	225.24	A
Nectarine		2,647.12	81	849.17	A
Olive		10,096.51	169	6,013.69	A
Orange		12,536.86	213	4,718.20	A
Peach		7,681.71	259	3,518.79	A
Pear		219.78	8	143.84	A
Pecan		501.14	15	191.00	A
Pistachio		50,686.15	535	26,650.38	A
Plum		3,560.26	116	1,863.74	A
Pluot		7.80	1	2.50	A
Pomegranate		3,668.54	53	1,201.73	A
Pomelo		41.91	2	10.00	A
Prune		11,360.08	179	5,192.64	A
Public Health		4.78			
Research Commodity		120.39			
Rights Of Way		34,325.91			
		149.84	24	1,313.25	A
Total Pounds On This Commodity	34,475.75				
Soil Fumigation/Preplant		19.99	1	4.00	A
Squash		0.02	1	3.00	A
Stone Fruit		2.70	2	1.30	A
Structural Pest Control		352.29			
		224.60	5	68.51	A
Total Pounds On This Commodity	576.89				
Tangelo		173.69	9	52.29	A
Tangerine		6,756.89	66	2,581.30	A
Tomato, Processing		61.70	10	234.90	A
Turf/Sod		14.09	1	157.60	A
Uncultivated Ag		25.03	4	246.00	A
Uncultivated Non-Ag		380.10	17	183.72	A
Walnut		32,011.10	762	16,864.03	A
		475.96	5	260.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	32,487.06				
Chemical Total		522,825.23	9,099		
OXADIAZON					
Landscape Maintenance		3,597.42			
		18.00	3	105.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		7.29	8	74,500.00	S
		4.26	2	1.92	A
Total Pounds On This Commodity	11.55				
N-Grnhs Plants In Containers		25.11	34	25.14	A
		0.04	1	2,000.00	S
Total Pounds On This Commodity	25.15				
N-Grnhs Transplants		0.32	2	4,250.00	S
N-Outdr Flower		421.29	123	114.90	A
N-Outdr Plants In Containers		964.99	329	703.94	A
		0.77	23	19,282.00	S
		0.09	2	700.00	U
Total Pounds On This Commodity	965.84				
N-Outdr Transplants		172.30	23	66.00	A
Regulatory Pest Control		1.00			
Research Commodity		0.06			
Rights Of Way		1,944.90			
		24.44	6	8.27	A
Total Pounds On This Commodity	1,969.34				
Structural Pest Control		0.60			
Turf/Sod		1,313.59	20	388.43	A
Unknown		87.68		35.00	A
Chemical Total		8,584.13	576		
OXALIC ACID					
Landscape Maintenance		0.02	1	10.00	A
Chemical Total		0.02	1		
OXAMYL					
Cantaloupe		413.36	13	518.48	A
Celery		10,356.23	1,061	13,295.53	A
Cotton		15,989.58	158	12,008.10	A
Eggplant		14.08	10	45.70	A
Garlic		83.95	5	76.40	A
Melon		19.25	3	43.36	A
N-Outdr Plants In Containers		32.61	6	65.50	A
Onion, Dry		7,568.12	305	11,042.04	A
Orange		0.22	1	18.63	A
Pepper, Fruiting		3,596.06	157	5,658.01	A
Potato		4,297.89	86	5,631.25	A
Pumpkin		106.13	4	106.60	A
Research Commodity		0.02	1	0.02	A
Squash, Summer		18.18	5	23.50	A
Structural Pest Control		< 0.01			
Tomato		5,003.35	155	7,684.80	A
Tomato, Processing		1,322.71	49	2,538.80	A
Unknown		56.15	2	112.80	A
Watermelon		116.47	7	248.90	A
Chemical Total		48,994.36	2,028		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
OXYDEMETON-METHYL					
Alfalfa		180.45	17	402.00	A
Bean, Succulent		41.72	4	89.00	A
Broccoflower		5.41	1	5.20	A
Broccoli		30,672.72	3,270	39,365.70	A
Brussels Sprout		996.67	88	1,185.46	A
Cabbage		2,283.58	245	1,936.14	A
Cauliflower		6,385.58	750	7,308.25	A
Chinese Cabbage (Nappa)		23.33	5	33.90	A
Corn, Human Consumption		2,338.12	150	4,381.00	A
Landscape Maintenance		235.30			
Lettuce, Head		25,226.04	2,220	27,493.91	A
N-Outdr Flower		7.04	1	9.00	A
Pumpkin		102.64	11	107.50	A
Rappini		20.20	1	19.40	A
Research Commodity		2.23			
Vertebrate Control		3.22	1	6.50	A
Walnut		52.06	1	25.00	A
Chemical Total		68,576.31	6,765		
OXYFLUORFEN					
Airport		22.14		20.00	A
Alfalfa		317.97	34	1,715.09	A
Almond		226,758.06	12,454	721,119.11	A
		68.37	18	2,390.69	U
Total Pounds On This Commodity	226,826.43				
Animal Premise		29.72			
Apple		635.87	101	1,975.26	A
Apricot		1,108.99	112	2,083.20	A
Artichoke, Globe		6,349.99	381	8,877.42	A
Avocado		505.82	103	1,285.23	A
Bean, Dried		698.80	55	3,652.30	A
Bean, Succulent		65.41	5	319.00	A
Broccoli		13,012.95	3,988	45,062.00	A
Buildings/Non-Ag Outdroor		0.20	1	2.50	A
Cabbage		1,668.58	502	4,983.77	A
Cantaloupe		180.05	8	745.00	A
Cauliflower		4,021.37	1,213	12,942.53	A
Cherry		9,354.84	721	13,485.36	A
Chestnut		8.25	8	46.13	A
Chinese Cabbage (Nappa)		0.06	1	0.25	A
Christmas Tree		23.79	12	61.10	A
Citrus		13.90	2	9.00	A
Commodity Fumigation		3.01			
Corn (Forage - Fodder)		299.89	64	3,243.30	A
Corn, Grain		2.27	2	63.90	A
Corn, Human Consumption		22.46	3	138.39	A
Cotton		13,583.00	589	40,142.41	A
Cucumber		2.43	1	42.00	A
Ditch Bank		2.90		15.00	A
Fig		2,760.22	126	5,306.75	A
Garbanzo Bean		525.75	22	2,333.80	A
Garlic		4,841.92	122	10,088.96	A
Grape		20,597.76	1,809	59,384.47	A
Grape, Wine		108,797.43	6,200	220,843.33	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grapefruit		64.71	3	60.00	A
Industrial Site		12.19		7.00	A
Kale		1.41	2	4.00	A
Kiwi		885.61	36	815.27	A
Landscape Maintenance		1,955.64			
		1.74	3	3.00	A
Total Pounds On This Commodity	1,957.38				
Leek		1.60	2	8.00	A
Lemon		342.35	52	466.65	A
Lettuce, Head		53.44	11	122.90	A
Lettuce, Leaf		8.76	2	23.50	A
Melon		97.45	3	340.50	A
Mint		67.26	16	635.00	A
N-Grnhs Plants In Containers		9.12	12	162,166.00	S
		6.56	19	43.06	A
Total Pounds On This Commodity	15.68				
N-Grnhs Transplants		1.10	2	30,800.00	S
N-Outdr Flower		276.66	111	309.77	A
N-Outdr Plants In Containers		3,324.07	1,517	3,117.65	A
		31.48	36	699,000.00	S
		6.00	1	6.00	U
Total Pounds On This Commodity	3,361.55				
N-Outdr Transplants		203.40	47	204.75	A
		1.72	2	66,400.00	S
Total Pounds On This Commodity	205.12				
Nectarine		4,717.78	1,154	12,890.52	A
Oat		0.25	1	2.00	A
Oat (Forage - Fodder)		125.11	14	134.70	A
Olive		4,700.74	446	17,710.21	A
Onion, Dry		9,839.33	1,189	67,573.66	A
Onion, Green		11.42	4	65.00	A
Orange		2,073.67	137	2,675.36	A
Orchard Floor		0.32	1	0.25	A
Peach		11,132.15	1,855	24,504.80	A
Pear		727.32	74	1,690.90	A
Pecan		412.34	35	491.90	A
Pepper, Fruiting		346.44	29	784.25	A
Persimmon		451.65	62	424.82	A
Pistachio		58,895.64	1,855	113,934.22	A
Plum		3,134.24	772	8,907.77	A
Pluot		51.66	5	90.09	A
Pomegranate		19,424.17	262	19,009.10	A
Prune		6,634.63	658	19,979.36	A
Public Health		215.99			
Rangeland		5.10	6	21.50	A
Regulatory Pest Control		7.39			
Research Commodity		72.84			
		57.54	13	82.80	A
Total Pounds On This Commodity	130.39				
Rice		3.44	2	15.00	A
Rights Of Way		334,462.58			
		1,041.97	110	6,616.20	A
Total Pounds On This Commodity	335,504.56				
Safflower		7.46	2	80.80	A
Soil Fumigation/Preplant		5,224.93	543	28,602.83	A
Stone Fruit		0.66	2	1.30	A
Strawberry		1,752.20	130	5,610.61	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		2,697.77	42	1,067.38	A
		162.20			
Total Pounds On This Commodity	2,859.97				
Sunflower		95.58	8	736.00	A
Tangelo		56.77	5	101.00	A
Tangerine		4,565.52	125	4,714.49	A
Tomato		1,076.48	56	3,667.58	A
Tomato, Processing		4,596.44	308	21,893.41	A
Uncultivated Ag		11,962.68	1,480	61,296.03	A
		0.99	2	116.25	U
Total Pounds On This Commodity	11,963.67				
Uncultivated Non-Ag		1,321.83	123	4,623.50	A
		< 0.01	1	500.00	S
Total Pounds On This Commodity	1,321.83				
Unknown		99.38	9	391.00	A
Vertebrate Control		92.48			
		66.45	4	131.90	A
Total Pounds On This Commodity	158.93				
Walnut		35,767.33	4,439	113,134.48	A
		41.76	10	239.50	U
Total Pounds On This Commodity	35,809.09				
Watermelon		33.76	2	230.00	A
Wheat		320.81	26	1,667.74	A
Wheat (Forage - Fodder)		5.62	1	30.00	A
Chemical Total		952,131.23	46,536		
OXYTETRACYCLINE, CALCIUM COMPLEX					
Apple		633.57	152	2,673.55	A
Nectarine		63.66	7	134.72	A
Pear		8,753.12	1,340	41,525.25	A
Structural Pest Control		21.11	3	67.70	A
		0.07			
Total Pounds On This Commodity	21.18				
Chemical Total		9,471.52	1,502		
OXYTETRACYCLINE HYDROCHLORIDE					
Landscape Maintenance		0.56			
Pear		146.65	18	815.00	A
Chemical Total		147.21	18		
OXYTETRACYCLINE HYDROCHLORIDE, OTHER RELATED					
Landscape Maintenance		< 0.01			
Pear		1.35	16	797.00	A
Chemical Total		1.35	16		
OXYTHIOQUINOX					
Christmas Tree		0.36	2	2.00	A
Landscape Maintenance		0.91			
N-Outdr Plants In Containers		1.25	4	2.25	A
Structural Pest Control		42.58			
Chemical Total		45.10	6		
PACLOBUTRAZOL					
Landscape Maintenance		753.23			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		58.57	49	708.35	A
		2.98	13	1,127,000.00	S
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		1.82	97	56.89	A
		1.21	145	2,084,094.00	S
Total Pounds On This Commodity	3.03				
N-Grnhs Plants In Containers		33.45	955	1,091.76	A
		21.20	1,414	34,478,821.00	S
		0.21	6	37,850.00	U
Total Pounds On This Commodity	54.86				
N-Grnhs Transplants		6.00	429	4,001,270.00	S
		0.12	18	44,660.00	U
		0.07	45	142.66	A
Total Pounds On This Commodity	6.19				
N-Outdr Flower		6.12	369	2,449,655.00	S
		0.54	50	190.97	A
Total Pounds On This Commodity	6.66				
N-Outdr Plants In Containers		14.57	699	691.57	A
		8.32	817	8,786,590.00	S
		0.56	9	3,000.00	U
Total Pounds On This Commodity	23.45				
N-Outdr Transplants		2.15	164	165.05	A
		0.19	51	125,340.00	S
		0.02	4	7,200.00	U
Total Pounds On This Commodity	2.36				
Research Commodity		< 0.01			
Rights Of Way		193.91			
		0.09	3	1,000.00	S
		0.07	11	11.00	A
Total Pounds On This Commodity	194.08				
Structural Pest Control		2.75			
Turf/Sod		28.68	16	693.85	A
Unknown		3.45	2	29.00	A
Chemical Total		1,140.28	5,366		
PANTOEA AGGLOMERANS STRAIN E325, NRRL B-21856					
Landscape Maintenance		0.04			
Pear		32.53	16	698.00	A
Chemical Total		32.58	16		
PARAFFIN WAX					
Celery		143.74	3	45.65	A
Chicory		0.54	1	28.00	A
Chemical Total		144.28	4		
PARAQUAT DICHLORIDE					
Alfalfa		193,301.08	4,474	260,898.00	A
Almond		218,187.06	4,681	249,887.90	A
		159.07	10	212.49	U
Total Pounds On This Commodity	218,346.13				
Apple		883.19	54	872.00	A
		39.48	1	28.00	U
Total Pounds On This Commodity	922.67				
Apricot		1,270.51	71	1,084.29	A
Artichoke, Globe		8,041.77	169	5,941.20	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Asparagus		467.07	13	530.00	A
Avocado		0.05	1	2.00	A
Barley		171.32	3	247.49	A
Bean, Dried		438.80	7	385.10	A
Bean, Succulent		342.77	30	298.90	A
Bean, Unspecified		29.74	1	100.00	A
Bermudagrass		318.39	4	238.00	A
Blackberry		14.36	5	8.00	A
Blueberry		2,528.00	77	2,269.01	A
Broccoli		684.14	52	573.80	A
Buildings/Non-Ag Outdroor		1.96	1	2.50	A
Cabbage		44.82	2	34.50	A
Cantaloupe		114.88	1	110.00	A
Cardoon		8.51	5	8.60	A
Cauliflower		10.05	1	14.50	A
Cherry		13,720.92	626	12,331.31	A
Chestnut		2.36	3	4.18	A
Chinese Cabbage (Nappa)		36.82	8	26.60	A
Christmas Tree		3.08	1	3.50	A
Citrus		103.97	15	127.70	A
Clover		43.03	2	78.00	A
Collard		33.56	2	24.25	A
Corn (Forage - Fodder)		4,298.14	117	6,441.57	A
Corn, Grain		89.78	4	130.70	A
Corn, Human Consumption		706.86	22	885.60	A
Cotton		85,382.80	963	130,897.45	A
Cucumber		234.76	19	182.10	A
Eggplant		17.30	2	12.50	A
Endive (Escarole)		22.62	2	17.60	A
Fig		695.97	31	784.89	A
Garbanzo Bean		35.49	2	45.00	A
Garlic		112.13	5	139.00	A
Grape		78,124.33	1,939	80,083.81	A
Grape, Wine		85,440.83	1,961	119,266.33	A
Grapefruit		94.56	11	104.10	A
Kiwi		1,194.35	30	986.20	A
Landscape Maintenance		52.29			
		8.36	2	4.00	A
Total Pounds On This Commodity	60.65				
Lemon		231.39	20	349.28	A
Lettuce, Head		986.28	35	1,190.70	A
Lettuce, Leaf		175.89	19	186.70	A
Melon		1.38	1	76.00	A
Mint		1,370.36	47	2,401.22	A
N-Outdr Flower		179.09	27	139.00	A
N-Outdr Plants In Containers		367.58	52	504.95	A
N-Outdr Transplants		263.95	35	313.60	A
Nectarine		7,872.24	674	6,983.49	A
Oat		82.02	1	158.00	A
Olive		1,942.76	86	2,173.37	A
Onion, Dry		481.76	11	854.30	A
Orange		5,227.25	223	5,835.25	A
Pastureland		399.36	33	658.00	A
Peach		10,747.37	1,044	11,218.08	A
Pear		1,985.56	48	1,702.71	A
Pecan		87.98	6	85.00	A
Pepper, Fruiting		1,624.49	67	1,556.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Spice		506.06	23	424.70	A
Persimmon		33.21	8	39.14	A
Pimento		14.50	1	14.00	A
Pistachio		35,381.11	606	38,609.93	A
Plum		9,458.37	605	6,711.65	A
Pluot		2.60	1	2.50	A
Potato		19.26	1	53.00	A
Prune		9,048.64	336	10,667.81	A
Pumpkin		17.30	2	12.50	A
Regulatory Pest Control		0.25			
Research Commodity		129.35			
		52.22	1	40.00	A
Total Pounds On This Commodity	181.57				
Rice		62.29	5	60.00	A
Rights Of Way		1,549.71			
		105.16	8	58.50	A
Total Pounds On This Commodity	1,654.86				
Safflower		5,643.71	23	6,164.00	A
Soil Fumigation/Preplant		749.68	44	645.15	A
Sorghum (Forage - Fodder)		38.04	1	37.50	A
Sorghum/Milo		13.84	1	20.00	A
Squash		392.30	14	295.00	A
Squash, Summer		0.65	1	0.50	A
Strawberry		369.75	44	890.60	A
Structural Pest Control		9.55	2	23.00	A
		0.09			
Total Pounds On This Commodity	9.64				
Sunflower		2,448.05	59	3,058.10	A
Tangelo		87.94	13	118.50	A
Tangerine		2,502.93	122	2,048.79	A
Tomato		264.93	7	371.00	A
Tomato, Processing		8,885.87	146	12,811.03	A
Uncultivated Ag		30,617.70	984	43,953.13	A
Uncultivated Non-Ag		521.51	33	529.37	A
Unknown		17.83	2	20.03	A
Vertebrate Control		0.13			
Walnut		27,930.27	1,449	34,951.37	A
		5.44	1	5.00	U
Total Pounds On This Commodity	27,935.71				
Watermelon		192.12	5	188.50	A
Wheat		955.37	15	1,339.20	A
Wheat (Forage - Fodder)		1,139.07	34	1,450.95	A
Chemical Total		870,704.87	22,456		
PARATHION					
Alfalfa		4.49	1	50.00	A
Celery		10.18	1	16.00	A
Collard		2.52	1	10.00	A
Grape, Wine		22.83	2	6.33	A
Kale		1.87	1	2.94	A
Landscape Maintenance		1.01			
Lemon		15.14	1	10.00	A
N-Grnhs Plants In Containers		0.62	3	4.00	A
Spinach		2.04	1	2.00	A
Squash		6.08	3	1.50	A
Strawberry		38.03	3	71.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		0.25			
Swiss Chard		7.82	2	9.80	A
Tomato		0.18	1	7.00	A
Turnip		4.64	1	4.59	A
Chemical Total		117.71	21		
PARATHION, OTHER RELATED					
Lemon		0.72	1	10.00	A
Strawberry		< 0.01	1	32.00	A
Tomato		< 0.01	1	7.00	A
Chemical Total		< 0.01	3		
PCNB					
Broccoli		153.00	3	25.50	A
Brussels Sprout		4,389.74	21	212.50	A
Landscape Maintenance		15,972.10			
		146.07	6	96.00	A
		5.39	1	1.00	U
Total Pounds On This Commodity	16,123.56				
Lettuce, Head		0.44	11	113.00	A
Lettuce, Leaf		0.32	8	100.90	A
N-Grnhs Flower		164.00	43	1,720.00	U
		27.59	14	420,690.00	S
		22.08	24	23.73	A
Total Pounds On This Commodity	213.67				
N-Grnhs Plants In Containers		286.20	126	3,701,732.00	S
		220.14	66	99.98	A
		1.95	3	2,000.00	U
Total Pounds On This Commodity	508.29				
N-Grnhs Transplants		2.61	3	46,493.00	S
N-Outdr Flower		749.63	93	1,847,600.00	S
		156.84	32	21.66	A
Total Pounds On This Commodity	906.46				
N-Outdr Plants In Containers		543.17	157	341.67	A
		182.62	47	585,800.00	S
Total Pounds On This Commodity	725.79				
N-Outdr Transplants		101.16	2	2,489,473.00	U
		101.03	47	1,503,173.00	S
		8.46	8	6.25	A
Total Pounds On This Commodity	210.65				
Pepper, Fruiting		2.53	5	7.75	A
Rights Of Way		2.25			
Soil Fumigation/Preplant		734.80		152,820.00	C
Spinach		0.91	8	72.70	A
Structural Pest Control		25.36			
Tomato		7.50	3	20.00	A
Turf/Sod		13.50		1.00	A
Chemical Total		24,021.38	731		
PENDIMETHALIN					
Alfalfa		529,451.02	3,758	228,162.09	A
Almond		358,565.84	3,078	167,402.28	A
		224.84	11	286.25	U
Total Pounds On This Commodity	358,790.68				
Animal Premise		276.51		73.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple		806.63	26	326.28	A
Apricot		2,130.54	51	913.94	A
Bean, Dried		8,103.37	125	7,823.89	A
Bean, Succulent		1,391.05	61	1,535.56	A
Bean, Unspecified		755.24	39	709.58	A
Broccoli		16.68	1	35.00	A
Buildings/Non-Ag Outdroor		4.73	1	2.50	A
Carrot		20,224.89	334	21,398.74	A
Cherry		10,612.67	310	5,766.43	A
Chestnut		42.61	4	15.09	A
Citrus		254.01	10	79.86	A
Corn (Forage - Fodder)		7,931.36	104	7,020.87	A
Corn, Grain		397.35	2	299.60	A
Corn, Human Consumption		8,678.65	196	8,025.04	A
Cotton		71,549.14	404	57,938.40	A
Garbanzo Bean		1,164.79	11	1,083.00	A
Garlic		7,668.80	108	8,767.96	A
Grape		76,891.02	1,491	48,155.41	A
Grape, Wine		150,987.27	1,883	79,996.72	A
Grapefruit		694.09	28	223.30	A
Kiwi		2.50	1	0.66	A
Landscape Maintenance		27,635.13			
		81.71	3	35.00	A
		2.96	1	10.00	U
Total Pounds On This Commodity	27,719.79				
Leek		7.12	1	5.00	A
Lemon		1,775.93	43	783.96	A
Melon		10.01	1	3.00	A
N-Grnhs Flower		5.47		212.00	T
N-Grnhs Plants In Containers		4.56	12	162,166.00	S
		2.22	8	41.92	A
Total Pounds On This Commodity	6.78				
N-Grnhs Transplants		6.38	2	144,000.00	S
N-Outdr Flower		72.17	42	85.80	A
N-Outdr Plants In Containers		6,170.24	1,424	3,347.34	A
		15.51	39	702,200.00	S
		3.09	2	7.00	U
Total Pounds On This Commodity	6,188.84				
N-Outdr Transplants		546.47	54	288.76	A
		4.38	5	164,800.00	S
Total Pounds On This Commodity	550.84				
Nectarine		19,194.40	767	8,596.11	A
Olive		2.84	1	3.00	A
Onion, Dry		24,065.18	496	32,172.40	A
Onion, Green		6.82	1	12.00	A
Orange		43,121.37	608	16,670.99	A
Pastureland		18.94	1	25.00	A
Peach		27,873.60	1,057	11,808.34	A
Pear		230.90	7	128.62	A
Peas		0.83	1	1.00	A
Pecan		135.59	6	63.00	A
Pepper, Fruiting		1,180.40	56	1,497.10	A
Pistachio		150,422.31	838	56,048.43	A
Plum		15,643.41	465	5,599.02	A
Pomegranate		43,992.93	183	13,398.48	A
Pomelo		45.45	2	14.00	A
Potato		11,140.93	204	14,523.67	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Prune		10,425.17	180	6,495.27	A
Research Commodity		8.28			
Rice		9,862.52	133	10,400.01	A
Rights Of Way		23,582.78			
		46.98	4	36.00	A
Total Pounds On This Commodity	23,629.76				
Soil Fumigation/Preplant		1,372.09	38	1,313.35	A
Sorghum (Forage - Fodder)		483.56	5	401.07	A
Sorghum/Milo		384.58	9	408.00	A
Structural Pest Control		64.69	2	19.16	A
		15.88			
Total Pounds On This Commodity	80.57				
Sugarcane		629.04	8	256.20	A
Sunflower		2,392.58	43	2,197.31	A
Tangelo		770.26	18	262.37	A
Tangerine		18,654.58	224	6,016.48	A
Tomato		1,433.17	49	1,700.00	A
Tomato, Processing		41,930.52	422	35,550.26	A
Turf/Sod		1,162.97	54	1,398.00	A
		0.03		243.00	T
Total Pounds On This Commodity	1,162.99				
Uncultivated Ag		1,155.37	25	843.15	A
Uncultivated Non-Ag		38.87	2	20.50	A
		27.94	5	885,000.00	S
Total Pounds On This Commodity	66.81				
Walnut		46,615.55	1,021	24,329.89	A
		145.69	6	150.00	U
Total Pounds On This Commodity	46,761.23				
Wheat		2,433.60	43	2,430.42	A
Wheat (Forage - Fodder)		484.24	10	366.62	A
Chemical Total		1,796,365.78	20,668		
PENOXSULAM					
Landscape Maintenance		7.45			
		0.75	3	35.00	A
Total Pounds On This Commodity	< 0.01				
Pear		4.17	1	40.00	A
Rice		2,552.84	1,130	75,624.70	A
		0.50	1	14.00	U
Total Pounds On This Commodity	2,553.35				
Structural Pest Control		0.62			
Wheat		1.79	1	57.00	A
Chemical Total		2,568.12	1,136		
PENTANE					
N-Grnhs Flower		< 0.01	1	0.25	A
Chemical Total		< 0.01	1		
PERMETHRIN					
Alfalfa		1,400.23	175	12,102.86	A
Almond		12,629.61	766	62,158.32	A
Animal Premise		30.49		61.00	U
		18.18		2.89	A
Total Pounds On This Commodity	48.68				
Arrugula		8.64	7	52.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Artichoke, Globe		826.13	165	3,239.83	A
Asparagus		12.35	4	122.30	A
Bok Choy		2.70	2	13.50	A
Broccoli		618.49	151	1,722.71	A
Brussels Sprout		16.97	16	170.17	A
Cabbage		396.38	202	2,163.49	A
Cantaloupe		274.94	75	3,378.60	A
Cauliflower		95.96	82	1,022.36	A
Celery		6,816.36	2,616	28,615.61	A
		< 0.01	1	1,000.00	S
Total Pounds On This Commodity	6,816.37				
Cherry		151.32	46	961.85	A
Chinese Cabbage (Nappa)		85.01	92	474.49	A
Christmas Tree		5.50	2	18.00	A
Cilantro		2.90	1	14.50	A
Corn (Forage - Fodder)		4,967.86	535	27,599.95	A
		< 0.01	1	120.00	U
Total Pounds On This Commodity	4,967.87				
Corn, Human Consumption		433.47	70	2,151.85	A
Cucumber		17.43	12	87.60	A
Eggplant		3.58	2	22.00	A
Endive (Escarole)		174.57	452	1,015.69	A
Fennel		16.69	25	117.20	A
Forest, Timberland		0.57	1	123.00	A
Gai Lon		7.35	4	4.00	A
		0.40	1	36,000.00	S
Total Pounds On This Commodity	7.75				
Grape, Wine		0.38	1	2.00	A
Herb, Spice		1.39	3	7.00	A
Landscape Maintenance		12,009.03			
		51.79	17	919.00	A
Total Pounds On This Commodity	12,060.82				
Lettuce, Head		14,001.77	6,544	81,797.54	A
Lettuce, Leaf		14,020.86	7,884	71,380.15	A
		0.01	1	1,000.00	S
Total Pounds On This Commodity	14,020.87				
Melon		100.90	12	579.10	A
Mushroom		189.26	2,022	15,271,340.00	S
Mushroom Soil		1.81	14	140,000.00	S
N-Grnhs Flower		135.99	199	387.28	A
		38.06	40	2,306,840.00	S
Total Pounds On This Commodity	174.05				
N-Grnhs Plants In Containers		189.90	297	533.67	A
		107.22	225	9,953,426.00	S
		1.08	2	4,400.00	U
Total Pounds On This Commodity	298.20				
N-Grnhs Transplants		25.16	238	228.46	A
		9.79	60	1,618,822.00	S
		0.15	1	1.00	U
Total Pounds On This Commodity	35.10				
N-Outdr Flower		361.35	371	2,468.43	A
		65.90	135	4,990,250.00	S
Total Pounds On This Commodity	427.26				
N-Outdr Plants In Containers		550.95	592	2,048.00	A
		12.96	48	1,129,710.00	S
		1.89	5	7,692.00	U
Total Pounds On This Commodity	565.81				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Transplants		33.16	87	189.14	A
		10.93	59	3,979,735.00	S
Total Pounds On This Commodity	44.08				
Nectarine		0.45	1	1.50	A
Oat (Forage - Fodder)		54.90	2	457.00	A
Okra		2.93	1	14.70	A
Onion, Dry		1,473.29	111	6,598.30	A
Parsley		42.49	16	255.20	A
Peach		1,146.88	160	4,251.81	A
Pepper, Fruiting		166.56	23	1,035.53	A
Pepper, Spice		34.67	10	233.40	A
Pistachio		39,256.34	1,216	130,181.84	A
Plum		0.30	1	1.00	A
Potato		248.94	18	1,258.73	A
Public Health		1,997.29			
Pumpkin		10.69	11	63.50	A
Regulatory Pest Control		34.96			
		0.02		0.25	A
		< 0.01		3,600.00	S
Total Pounds On This Commodity	34.98				
Research Commodity		2.00			
Rights Of Way		84.04			
		2.37	2	10.95	A
Total Pounds On This Commodity	86.41				
Spinach		6,325.13	4,273	38,483.09	A
Squash		66.30	24	334.81	A
Squash, Summer		3.69	3	20.20	A
Squash, Winter		8.96	2	45.00	A
Storage Area/Box		1.21	1	6.00	A
Structural Pest Control		151,635.44			
Swiss Chard		22.84	77	129.56	A
Tomatillo		0.60	1	4.00	A
Tomato		871.88	105	5,011.10	A
Tomato, Processing		1,828.06	200	13,592.01	A
Uncultivated Ag		13.08	3	9.60	A
Unknown		0.40	1	0.50	A
		0.12			
Total Pounds On This Commodity	0.52				
Vertebrate Control		3.05			
		1.81	1	14.88	A
Total Pounds On This Commodity	4.86				
Walnut		1,916.96	148	6,862.60	A
Watermelon		34.40	10	206.40	A
Chemical Total		278,228.87	30,784		
PERMETHRIN, OTHER RELATED					
Landscape Maintenance		0.01			
Structural Pest Control		1.80			
Chemical Total		1.82			
PEROXYACETIC ACID					
Commodity Fumigation		5.27			
Ditch Bank		703.65	16	1,275.00	A
Farm/Ag Building		0.05		32,000.00	S
Fumigation, Other		26.37			
Industrial Site		0.05		31,500.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Plants In Containers		0.02	1	0.03	A
N-Outdr Plants In Containers		1.11	1	2.00	A
Unknown		1.87		2,624.00	T
Water Area		241.44		338,412.03	T
Watermelon		3.23		40.39	K
Chemical Total		983.06	18		
PETROLEUM DERIVATIVE RESIN					
Landscape Maintenance		0.93			
Chemical Total		0.93			
PETROLEUM DISTILLATES					
Alfalfa		22,182.28	412	21,394.86	A
Almond		13,472.82	534	24,721.85	A
Apple		40.89	22	209.85	A
Apricot		278.74	33	1,072.46	A
Asparagus		414.36	2	549.00	A
Avocado		32.12	53	417.60	A
Barley		11.78	2	304.00	A
Bean, Dried		1,040.30	34	2,578.00	A
Bean, Succulent		32.97	6	219.00	A
Blueberry		67.46	17	287.50	A
Cantaloupe		87.06	4	465.00	A
Carrot		71.99	4	90.00	A
Celery		221.70	35	251.90	A
Cherry		72.57	8	165.50	A
Corn (Forage - Fodder)		672.40	29	1,423.00	A
Corn, Grain		831.57	97	2,555.77	A
Corn, Human Consumption		98.43	33	141.00	A
Cotton		952.50	25	1,668.20	A
Cucumber		600.69	17	776.00	A
Forage Hay/Silage		1.47	1	18.00	A
Garbanzo Bean		388.00	3	286.00	A
Garlic		220.26	12	444.10	A
Grape		7,581.93	765	32,403.82	A
Grape, Wine		7,966.55	522	20,710.45	A
Grapefruit		270.82	21	311.20	A
Landscape Maintenance		3,799.09			
		31.60	8	350.00	A
Total Pounds On This Commodity	3,830.69				
Lemon		14.15	3	46.00	A
Lettuce, Leaf		39.23	4	42.30	A
Melon		153.38	7	740.50	A
N-Grnhs Flower		0.26	1	1.00	A
N-Grnhs Plants In Containers		0.95	3	1.62	A
N-Outdr Flower		10.99	7	131.00	A
N-Outdr Plants In Containers		1,529.19	130	399.39	A
N-Outdr Transplants		308.56	11	43.00	A
Nectarine		5.23	1	17.49	A
Oat (Forage - Fodder)		438.43	3	105.00	A
Olive		1,202.00	68	1,230.53	A
Onion, Dry		745.97	24	750.50	A
Orange		3,891.78	147	4,077.80	A
Parsley		16.63	2	22.00	A
Pastureland		13.51	3	23.00	A
Peach		231.56	28	439.42	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pear		818.81	28	594.82	A
Pepper, Fruiting		30.97	2	41.00	A
Persimmon		44.53	15	155.50	A
Pistachio		885.05	16	691.40	A
Plum		801.19	28	861.14	A
Pomegranate		980.22	13	789.15	A
Potato		29.49	2	90.00	A
Prune		3,747.83	23	1,467.04	A
Public Health		238,347.41			
Pumpkin		14.66	2	13.00	A
Regulatory Pest Control		210.39		99,999.00	C
Rice		167,950.20	1,227	94,203.72	A
		21.02	1	14.00	U
Total Pounds On This Commodity	167,971.22				
Rice, Wild		9.01	1	30.00	A
Rights Of Way		1,266.69			
		100.19	13	316.82	A
Total Pounds On This Commodity	1,366.87				
Safflower		141.87	7	421.30	A
Soil Fumigation/Preplant		1,653.34	22	1,372.00	A
Sorghum (Forage - Fodder)		122.95	3	109.90	A
Spinach		0.71	1	5.10	A
Squash		23.90	1	9.10	A
Structural Pest Control		2,378.58			
Sunflower		392.51	14	588.00	A
Sweet Potato		6.00	1	8.00	A
Tangelo		1.51	1	8.00	A
Tangerine		38.28	6	29.60	A
Tomato		156.86	10	254.94	A
Tomato, Processing		5,693.18	209	12,215.55	A
Uncultivated Ag		886.05	57	1,327.08	A
Uncultivated Non-Ag		302.84	12	146.80	A
Unknown		783.65	67	707.91	A
Walnut		3,697.83	279	6,710.46	A
Water Area		0.23		2.00	U
Watermelon		555.40	4	370.00	A
Wheat		130.92	4	291.00	A
Wheat (Forage - Fodder)		22.52	1	150.00	A
Chemical Total		502,291.00	5,211		
PETROLEUM DISTILLATES, ALIPHATIC					
Alfalfa		1,234.85	148	11,827.30	A
Almond		3,258.24	71	3,685.00	A
Asparagus		0.56	3	228.20	A
Bean, Dried		0.39	4	249.70	A
Carrot		283.01	4	212.00	A
Corn (Forage - Fodder)		366.13	27	1,730.00	A
Cotton		1,282.32	128	7,655.66	A
Grape, Wine		14.79	1	12.00	A
Oat		0.04	3	50.00	A
Onion, Dry		611.31	6	374.00	A
Peach		305.65	6	171.00	A
Pepper, Spice		18.87	2	10.00	A
Prune		550.55	9	220.00	A
Rice		290.56	4	154.00	A
Rights Of Way		76.65			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Soil Fumigation/Preplant		653.04	12	878.60	A
Strawberry		10.65	1	65.00	A
Structural Pest Control		56.60			
Sudangrass		0.02	1	30.00	A
Tomato, Processing		339.61	1	180.00	A
Uncultivated Non-Ag		226.41	2	75.00	A
Walnut		180.02	8	238.00	A
Wheat		642.94	43	2,507.00	A
Wheat (Forage - Fodder)		57.19	8	317.50	A
Chemical Total		10,460.40	492		
PETROLEUM DISTILLATES, AROMATIC					
Apple		35.50	1	15.00	A
Grape, Wine		< 0.01	1	3,660.00	S
Landscape Maintenance		1.32			
Lemon		6.69	1	10.00	A
N-Grnhs Flower		1.15	4	76,400.00	S
N-Grnhs Plants In Containers		< 0.01	3	1.62	A
N-Outdr Plants In Containers		5.23	7	7.00	A
Public Health		4.56			
Regulatory Pest Control		0.84		99,999.00	C
Strawberry		23.09	2	72.00	A
Structural Pest Control		3.52			
Uncultivated Non-Ag		0.62	8	89.00	A
Walnut		20.02	5	28.50	A
Chemical Total		102.56	32		
PETROLEUM DISTILLATES, REFINED					
Almond		154.81	3	22.00	A
Apple		1,458.40	15	98.50	A
Apricot		2,890.80	30	598.60	A
Asian Pear		14.07	2	3.00	A
Bean, Succulent		177.33	2	46.00	A
Blackberry		410.39	4	32.82	A
Cauliflower		143.41	4	29.22	A
		0.04	1	100.00	S
Total Pounds On This Commodity	143.45				
Cherry		732.90	8	94.00	A
Citrus		103.19	2	50,100.00	U
		2.20	4	2.80	A
Total Pounds On This Commodity	105.39				
Corn, Human Consumption		21.11	1	2.00	A
Cucumber		689.62	18	43.00	A
		13.19	10	347,500.00	S
Total Pounds On This Commodity	702.81				
Grape		16,350.67	71	2,703.31	A
Grape, Wine		1,049,877.24	7,029	242,225.73	A
		1,706.81	1	24,255.00	S
Total Pounds On This Commodity	1,051,584.04				
Landscape Maintenance		8,550.60			
		0.55	1	18.30	A
Total Pounds On This Commodity	8,551.15				
Lemon		28.15	1	48.00	A
Melon		4.40	2	40,000.00	S
N-Grnhs Flower		3,677.45	123	238.43	A
		457.51	39	1,593,120.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		7.04	1	50,000.00	U
Total Pounds On This Commodity	4,142.00				
N-Grnhs Plants In Containers		1,908.41	235	267.41	A
		520.73	91	1,363,270.00	S
Total Pounds On This Commodity	2,429.13				
N-Grnhs Transplants		262.89	45	287,924.00	S
		43.82	13	9.51	A
Total Pounds On This Commodity	306.71				
N-Outdr Flower		393.86	23	99.63	A
		3.54	1	14,400.00	S
Total Pounds On This Commodity	397.40				
N-Outdr Plants In Containers		2,532.01	217	256.12	A
		456.12	69	1,204,252.00	S
		53.84	23	62,725.00	U
Total Pounds On This Commodity	3,041.97				
N-Outdr Transplants		57.27	5	2.62	A
		23.89	4	131,300.00	S
Total Pounds On This Commodity	81.16				
Nectarine		2,742.48	19	286.25	A
Olive		285.23	6	82.65	A
Peach		4,826.32	22	367.00	A
Pear		60.69	5	13.30	A
Pepper, Fruiting		10,644.49	122	3,092.51	A
Plum		367.68	3	15.00	A
Pluot		14.07	1	2.00	A
Prune		1,530.66	8	263.20	A
Public Health		61,804.52			
Pumpkin		0.82	3	2,300.00	S
Raspberry		12,190.96	215	1,396.79	A
Regulatory Pest Control		0.86			
Research Commodity		33.85			
Rights Of Way		179.44			
Squash		74.22	1	25.00	A
Stone Fruit		14.07	1	10.00	A
Strawberry		5,067.09	36	733.74	A
Structural Pest Control		116.11	1	33.00	A
		27.49			
Total Pounds On This Commodity	143.60				
Tangerine		46.40	4	7.00	A
Tomato		791.02	28	905.00	A
		14.73	12	313,000.00	S
Total Pounds On This Commodity	805.76				
Tomato, Processing		19,021.82	50	2,989.62	A
Unknown		116.18	2	33.02	A
Vertebrate Control		3,650.41	12	566.75	A
Walnut		2,389.04	5	205.50	A
Chemical Total		1,219,738.90	8,654		
PETROLEUM HYDROCARBONS					
Almond		1.90	1	133.00	A
Celery		5.30	1	17.00	A
Grape		29.92	2	34.00	A
Landscape Maintenance		5.05	4	58.00	A
		1.01			
Total Pounds On This Commodity	6.06				
N-Grnhs Flower		3.02	1	0.10	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers	0.63	1	2.00	A
Regulatory Pest Control	73.05		20.00	A
Rights Of Way	10.00			
Strawberry	0.03	1	3.00	A
Structural Pest Control	< 0.01			
Chemical Total	< 0.01	11		
PETROLEUM NAPHTHENIC OILS				
Alfalfa	108.04	133	10,985.40	A
Almond	14.71	13	260.00	A
Asparagus	6.59	3	228.20	A
Bean, Dried	4.53	4	249.70	A
Corn (Forage - Fodder)	9.96	22	1,488.00	A
Cotton	90.80	121	6,759.66	A
Oat	0.48	3	50.00	A
Sudangrass	0.18	1	30.00	A
Wheat	16.87	36	2,127.00	A
Wheat (Forage - Fodder)	1.60	7	257.00	A
Chemical Total	253.78	343		
PETROLEUM OIL, PARAFFIN BASED				
Alfalfa	33,521.38	1,115	69,928.87	A
Almond	155,842.39	1,687	105,782.91	A
Apple	3,556.53	18	191.00	A
Apricot	1,108.55	13	136.43	A
Artichoke, Globe	1.78	2	9.50	A
Avocado	43.31	26	1,341.00	A
Barley	36.02	3	94.60	A
Bean, Dried	604.21	25	1,313.60	A
Bean, Succulent	5.32	1	7.00	A
Bean, Unspecified	66.79	5	48.50	A
Bermudagrass	135.16	6	432.00	A
Blackberry	4.56	1	12.00	A
Blueberry	96.07	34	260.23	A
Broccoli	277.17	26	1,065.86	A
Cabbage	9.29	2	36.50	A
Cantaloupe	211.93	15	914.00	A
Carrot	843.77	89	4,473.77	A
Cauliflower	70.44	9	268.20	A
Celery	216.77	117	1,008.61	A
Cherry	6,529.35	173	3,544.24	A
Cilantro	136.62	2	89.00	A
Citrus	20.74	3	54.00	A
Corn (Forage - Fodder)	15,191.37	262	16,298.34	A
Corn, Grain	343.48	27	1,008.00	A
Corn, Human Consumption	5,828.83	434	26,401.59	A
Cotton	19,249.13	486	35,935.00	A
Cotton (Forage - Fodder)	16.85	2	110.70	A
Ditch Bank	6.08	1	2.00	A
Fennel	0.27	2	2.00	A
Fig	246.22	6	640.00	A
Forage Hay/Silage	12.06	2	56.70	A
Gai Lon	117.14	7	143.00	A
Garlic	20.74	1	30.00	A
Grape	21,631.84	1,183	60,000.21	A
Grape, Wine	9,378.33	629	17,722.56	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grapefruit		3,968.17	73	1,723.50	A
Grass, Seed		25.89	3	177.00	A
Kiwi		86.64	6	114.80	A
Landscape Maintenance		878.43			
Lemon		56,756.72	191	5,418.77	A
Lettuce, Head		238.60	34	1,127.50	A
Lettuce, Leaf		203.31	29	910.80	A
Melon		225.45	8	241.75	A
Mustard		1.98	1	13.00	A
N-Grnhs Plants In Containers		2.37	2	1.00	A
N-Outdr Plants In Containers		188.49	27	74.70	A
N-Outdr Transplants		76.03	4	29.00	A
Nectarine		28,323.05	201	2,076.66	A
Oat (Forage - Fodder)		1.16	1	3.00	A
Olive		255.05	16	978.00	A
Onion, Dry		2,834.33	122	8,382.20	A
Orange		66,856.45	644	41,006.52	A
Parsley		21.68	1	70.00	A
Pastureland		88.65	5	231.00	A
Peach		26,024.83	376	4,153.27	A
Pear		428.87	49	393.50	A
Pecan		23.40	3	33.33	A
Persimmon		26.64	16	98.70	A
Pistachio		326,993.63	714	42,351.25	A
Plum		21,749.31	207	2,947.73	A
Pluot		84.56	53	645.14	A
Pomegranate		110.73	9	296.00	A
Pomelo		14.29	4	31.00	A
Prune		9,471.24	164	5,619.11	A
Pumpkin		4.46	1	12.00	A
Rangeland		21.83		28.00	A
Raspberry		18.32	5	48.50	A
Regulatory Pest Control		1,531.49			
		177.59		98.44	A
Total Pounds On This Commodity	1,709.07				
Research Commodity		13.88			
Rice		124,473.36	1,217	88,766.77	A
Rights Of Way		13,226.32			
		181.08	16	253.50	A
Total Pounds On This Commodity	13,407.40				
Rye		6.51	2	35.00	A
Ryegrass		129.25	3	190.00	A
Soil Fumigation/Preplant		84.97	4	231.50	A
Sorghum/Milo		6.91	1	80.00	A
Spinach		91.38	2	82.00	A
Structural Pest Control		11.53			
Sudangrass		309.94	16	1,059.00	A
Sugarbeet		2,013.59	165	12,060.99	A
Sugarcane		30.98	2	96.00	A
Sunflower		684.51	15	618.50	A
Tangelo		650.98	43	1,523.30	A
Tangerine		1,338.31	133	3,387.27	A
Tomato		132.90	5	164.00	A
Tomato, Processing		2,465.78	68	3,640.16	A
Triticale		2.43	1	30.00	A
Turf/Sod		12.06	1	35.40	A
Uncultivated Ag		2,383.88	210	4,499.18	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Uncultivated Non-Ag		92.53	13	247.37	A
Unknown		228.60	23	196.01	A
Vertebrate Control		860.63			
Walnut		7,852.17	610	16,088.00	A
Water Area		186.15		92.81	A
Watermelon		139.25	2	119.90	A
Wheat		3,363.26	135	11,810.75	A
Wheat (Forage - Fodder)		50.15	4	251.80	A
Chemical Total		984,117.40	12,074		
PETROLEUM OIL, UNCLASSIFIED					
Alfalfa		311.08	3	118.00	A
Almond		6,426,582.68	5,048	424,877.81	A
		3.70	3	15.00	U
Total Pounds On This Commodity	6,426,586.38				
Apple		144,406.13	287	4,400.66	A
		10.64	3	60.00	U
Total Pounds On This Commodity	144,416.78				
Apricot		43,418.41	132	2,802.46	A
Asparagus		289.28	1	102.30	A
Avocado		51,452.13	202	2,908.78	A
Bean, Dried		477.14	1	200.00	A
Bean, Succulent		472.51	4	229.00	A
Blueberry		526.20	4	109.80	A
Broccoli		674.84	26	107.15	A
Cauliflower		1,981.69	60	300.44	A
Celery		211.48	15	114.11	A
Cherry		131,338.74	298	6,562.80	A
		1.60	3	9.00	U
Total Pounds On This Commodity	131,340.33				
Christmas Tree		17.46	2	3.50	A
Citrus		1,916.90	28	163.80	A
		86.48	1	100,000.00	U
Total Pounds On This Commodity	2,003.38				
Corn (Forage - Fodder)		16.26	1	23.00	A
Corn, Human Consumption		2,219.40	34	973.50	A
Cotton		1,869.47	51	2,426.20	A
Cucumber		226.64	19	19.00	A
Grain		8.51	2	1,900.00	U
Grape		49,583.65	182	6,346.92	A
Grape, Wine		76,349.17	401	13,673.86	A
Grapefruit		7,592.98	37	714.70	A
Kiwi		2,870.24	9	77.40	A
Landscape Maintenance		12,665.81			
		549.36	3	150.00	A
Total Pounds On This Commodity	13,215.17				
Lemon		727,482.73	857	18,329.15	A
Lime		1.10	1	1.00	A
N-Grnhs Flower		190.76	11	15.37	A
N-Grnhs Plants In Containers		1,986.61	285	693.64	A
		110.60	31	1,479,500.00	S
Total Pounds On This Commodity	2,097.21				
N-Outdr Flower		56.75	5	4.50	A
N-Outdr Plants In Containers		24,144.63	650	2,156.46	A
		17.37	9	19,300.00	S
		2.16	1	3,500.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	24,164.16				
N-Outdr Transplants		2,412.39	26	320.00	A
Nectarine		684,725.25	1,624	22,043.01	A
		2.17	3	10.00	U
Total Pounds On This Commodity	684,727.42				
Olive		18,668.92	38	1,284.80	A
		10.41	1	80.00	U
Total Pounds On This Commodity	18,679.33				
Orange		1,101,661.97	2,343	66,492.92	A
Peach		1,113,642.92	2,487	41,446.68	A
		1.06	3	6.00	U
Total Pounds On This Commodity	1,113,643.99				
Pear		117,880.30	296	5,586.65	A
		1.06	3	6.00	U
Total Pounds On This Commodity	117,881.36				
Pistachio		480,314.36	70	11,458.98	A
Plum		474,856.64	946	14,663.64	A
		0.53	1	4.00	U
Total Pounds On This Commodity	474,857.18				
Pluot		8,072.78	9	206.77	A
Pomegranate		2.62	1	3.00	A
Pomelo		6,163.14	16	186.00	A
Prune		318,922.12	430	19,132.95	A
		0.53	3	3.00	U
Total Pounds On This Commodity	318,922.65				
Regulatory Pest Control		2.98			
Rights Of Way		19.09			
Stone Fruit		2,486.87	8	78.60	A
Structural Pest Control		3,853.69	3	110.50	A
		121.61			
Total Pounds On This Commodity	3,975.30				
Tangelo		16,336.39	59	1,378.28	A
Tangerine		53,515.48	201	6,830.54	A
Tomato		25.25	8	4.84	A
Vertebrate Control		212.09	2	20.00	A
Walnut		113,701.88	297	12,089.79	A
		0.53	3	3.00	U
Total Pounds On This Commodity	113,702.41				
Watermelon		14.91	1	10.00	A
Chemical Total		12,229,753.30	17,592		
PHENMEDIPHAM					
Beet		28.64	14	53.57	A
Spinach		1,230.29	52	2,710.20	A
Sugarbeet		1,248.28	240	15,969.29	A
Chemical Total		2,507.22	306		
PHENOL					
Almond		1.51	1	15.00	A
Chemical Total		1.51	1		
PHENOTHRIN					
Animal Premise		0.28		73.00	U
Landscape Maintenance		1.15			
		0.03	10	540.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	1.18				
N-Grnhs Flower		0.82	1	150,000.00	S
		0.66	2	3.00	A
Total Pounds On This Commodity	1.48				
Public Health		1,419.54			
Regulatory Pest Control		0.30			
Rights Of Way		0.34			
Structural Pest Control		58.87			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	13		
PHENOTHRIN, OTHER RELATED					
Landscape Maintenance		< 0.01			
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
PHENYLETHYL PROPIONATE					
Landscape Maintenance		116.78			
		2.29	4	74.00	A
Total Pounds On This Commodity	< 0.01				
Public Health		< 0.01			
Regulatory Pest Control		0.01			
Rights Of Way		< 0.01			
Structural Pest Control		347.39			
		0.60	2	20.00	A
Total Pounds On This Commodity	347.99				
Chemical Total		467.08	6		
PHENYLMERCURIC ACETATE					
Turf/Sod		0.47		3.00	A
Chemical Total		0.47			
ORTHO-PHENYLPHENOL					
Animal Premise		650.34		5,400.00	U
		30.30		231,450.00	S
		17.73		30.00	A
		16.64			
Total Pounds On This Commodity	< 0.01				
Chicken		0.02		2.00	U
Farm/Ag Building		8.43		51.00	U
Industrial Site		< 0.01		10.00	A
		< 0.01		1.00	U
Total Pounds On This Commodity	0.00				
Landscape Maintenance		370.37			
		0.12	1	4.00	A
Total Pounds On This Commodity	370.49				
N-Outdr Transplants		< 0.01	1	7,500.00	S
Research Commodity		< 0.01			
Rights Of Way		6.64			
Structural Pest Control		587.61			
Vertebrate Control		445.16			
Chemical Total		2,133.37	2		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ORTHO-PHENYLPHENOL, POTASSIUM SALT					
Structural Pest Control		3.30			
Chemical Total		3.30			
ORTHO-PHENYLPHENOL, SODIUM SALT					
Animal Premise		21.29		6.00	U
Citrus		1,373.64		32,450.00	T
N-Grnhs Plants In Containers		0.28	2	0.40	A
Tomato		291.82		84,183.00	T
Chemical Total		1,687.03	2		
PHORATE					
Bean, Dried		20.00	1	10.00	A
Bean, Succulent		217.00	11	108.50	A
Corn (Forage - Fodder)		5,794.12	50	4,443.39	A
Corn, Grain		169.18	6	153.80	A
Cotton		1,612.59	40	1,656.88	A
Cotton (Forage - Fodder)		166.05	2	110.70	A
N-Outdr Transplants		259.80	16	43.30	A
Potato		7,052.53	45	3,161.90	A
Chemical Total		15,291.27	171		
PHOSMET					
Alfalfa		298.55	6	489.00	A
Almond		26,022.26	132	7,673.14	A
Apple		13,497.38	280	4,085.61	A
		1.61	12	64.00	U
Total Pounds On This Commodity	13,498.99				
Apricot		760.24	22	328.47	A
		0.04	1	2.00	U
Total Pounds On This Commodity	760.27				
Asian Pear		2.80	1	1.00	A
Cherry		0.04	2	4.00	U
Grape		4,613.03	102	3,316.90	A
Grape, Wine		4,783.23	46	3,508.01	A
Kiwi		1.40	1	1.40	A
N-Outdr Plants In Containers		249.55	51	144.75	A
		0.22	1	103,714.00	S
Total Pounds On This Commodity	249.77				
Nectarine		22,205.89	699	9,576.73	A
		0.02	2	2.00	U
Total Pounds On This Commodity	22,205.91				
Orange		174.31	18	176.00	A
Peach		19,691.27	671	8,328.56	A
		1.60	5	27.00	U
Total Pounds On This Commodity	19,692.86				
Pear		2,844.47	86	864.47	A
		0.04	1	5.00	U
Total Pounds On This Commodity	2,844.50				
Pistachio		4,294.19	13	1,186.70	A
Plum		14,579.91	245	5,327.22	A
		0.05	3	15.00	U
Total Pounds On This Commodity	14,579.96				
Prune		1,649.98	22	599.78	A
Tangerine		8.40	1	6.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut		16,847.54	235	5,855.67	A
Chemical Total		132,527.99	2,658		
PHOSPHINE					
Almond		9,429.46		58,080,040.60	C
		425.98		54,997.14	T
		113.99		5,651,034.00	P
		82.72		1,883,287.00	?
		8.43		1,160,080.00	U
		0.03		460.00	K
Total Pounds On This Commodity	< 0.01				
Apricot		0.40		5.00	T
Bean, Dried		4.84		732.75	T
Commodity Fumigation		40,241.04			
		7.52	1	25.00	A
		0.88		31.00	T
Total Pounds On This Commodity	40,249.44				
Corn, Human Consumption		3.67		1,070,127.14	C
		3.41		2,572.64	K
Total Pounds On This Commodity	7.08				
Dried Fruit		276.06		7,170,899.00	C
		12.92		350,000.00	U
Total Pounds On This Commodity	288.98				
Fumigation, Other		228.63			
Grape		2.03		38,400.00	C
Industrial Site		0.40	1	25.00	A
Landscape Maintenance		2.87			
N-Grnhs Plants In Containers		0.12	3	4,320.00	S
Pistachio		1,062.13		25,078,216.00	C
		16.23		363.00	K
		0.14		22.00	T
Total Pounds On This Commodity	1,078.50				
Prune		3.96		78,520.00	C
Regulatory Pest Control		211,018.82			
Rice, Wild		0.17		5,000.00	C
		0.09		2,500.00	S
Total Pounds On This Commodity	0.26				
Rights Of Way		20.26			
Storage Area/Box		0.72		7,700.00	C
Structural Pest Control		158.58			
Sunflower		12.90		2,071.49	T
		1.80		380,000.00	?
Total Pounds On This Commodity	14.70				
Tomato		61.16		18,812.85	T
Tomato, Processing		160.38		48,532.15	T
Vertebrate Control		18.41			
Walnut		194.42		2,574,034.00	C
		72.40		11,191.00	T
		18.87		64,000.00	U
Total Pounds On This Commodity	285.69				
Chemical Total		263,666.83	5		
PHOSPHORIC ACID					
Alfalfa		161,724.32	3,514	207,175.39	A
Almond		31,860.27	4,504	297,213.53	A
Animal Premise		68.45		5,720.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple		712.49	178	3,436.81	A
Apricot		28.24	48	588.72	A
Arrugula		0.65	20	105.71	A
Artichoke, Globe		10.98	38	419.80	A
Asparagus		172.68	60	4,016.90	A
Avocado		5.64	138	538.00	A
		0.40	3	480,000.00	U
Total Pounds On This Commodity	6.05				
Barley		23.35	23	1,024.77	A
Bean, Dried		411.57	293	14,142.79	A
Bean, Succulent		109.53	59	2,066.25	A
Beet		1.71	51	87.46	A
Bermudagrass		2.15	7	456.00	A
Blackberry		5.54	26	272.37	A
Blueberry		72.36	14	740.50	A
Bok Choy		0.61	50	79.41	A
Broccoflower		0.11	1	5.20	A
Broccoli		339.26	1,630	21,440.91	A
Brussels Sprout		4.58	28	371.00	A
Cabbage		40.75	115	1,385.62	A
Cantaloupe		253.60	118	8,821.00	A
Carrot		56.76	64	2,444.10	A
Cauliflower		143.10	696	7,467.29	A
Celery		401.39	1,770	15,026.41	A
Cherry		2,179.64	544	11,822.39	A
Chicory		10.61	14	172.20	A
Chinese Cabbage (Nappa)		1.87	44	228.22	A
Christmas Tree		0.03	3	6.00	A
Cilantro		0.43	15	72.70	A
Citrus		10.38	10	146.70	A
Corn (Forage - Fodder)		4,868.25	1,850	91,675.39	A
Corn, Grain		41.95	33	1,215.78	A
Corn, Human Consumption		995.12	514	22,699.04	A
Cotton		3,324.42	1,466	122,842.45	A
Cotton (Forage - Fodder)		13.37	6	332.10	A
Cucumber		0.35	2	34.60	A
Dairy Equipment		68.61		4.00	A
Ditch Bank		11.40	1	150.00	A
Eggplant		0.13	2	5.00	A
Endive (Escarole)		5.69	95	403.77	A
Farm/Ag Building		0.21	2	6.80	A
Fennel		5.25	94	481.40	A
Fig		192.53	104	3,278.60	A
Forage Hay/Silage		10.41	25	949.80	A
Forest, Timberland		21.75	16	643.00	A
Garlic		91.90	104	3,329.70	A
Grain		0.08		1.00	A
Grape		5,525.13	2,024	80,005.48	A
Grape, Wine		5,405.56	2,584	96,435.39	A
Grapefruit		12.92	18	200.50	A
Kale		3.15	32	127.51	A
Kiwi		10.26	24	212.16	A
Landscape Maintenance		147.76			
		1.12	7	251.50	A
Total Pounds On This Commodity	148.88				
Leek		1.52	20	39.45	A
Lemon		82.79	64	1,237.59	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Head		1,675.50	4,690	66,239.55	A
Lettuce, Leaf		865.92	3,633	36,664.89	A
Melon		189.72	96	4,396.83	A
Mint		18.64	19	1,120.00	A
Mizuna		0.36	6	23.95	A
Mustard		0.50	23	30.26	A
N-Grnhs Flower		117.62	665	1,887.56	A
		4.55	85	2,851,400.00	S
Total Pounds On This Commodity	122.17				
N-Grnhs Plants In Containers		26.80	639	1,329.94	A
		6.57	23	950,000.00	U
		1.74	147	5,252,456.00	S
Total Pounds On This Commodity	35.11				
N-Outdr Flower		11.00	378	2,360.29	A
		0.05	5	180,000.00	S
Total Pounds On This Commodity	11.04				
N-Outdr Plants In Containers		518.97	1,933	8,745.89	A
		6.78	3	78.00	U
		0.28	40	829,600.00	S
Total Pounds On This Commodity	526.03				
N-Outdr Transplants		28.06	105	385.29	A
		1.66	123	11,589,600.00	S
		0.10	1	75,000.00	U
Total Pounds On This Commodity	29.82				
Nectarine		1,226.65	1,758	20,696.52	A
Oat		21.70	11	394.00	A
Oat (Forage - Fodder)		74.74	96	2,875.70	A
Olive		346.76	103	2,571.62	A
Onion, Dry		509.36	323	16,774.54	A
Onion, Green		12.49	48	486.40	A
Orange		4,407.11	1,349	37,125.61	A
Parsley		0.14	3	28.50	A
Pastureland		12.72	20	732.70	A
Peach		1,668.65	1,822	24,587.34	A
Pear		172.48	96	1,096.55	A
Peas		12.98	138	1,519.60	A
Pecan		7.35	6	52.00	A
Pepper, Fruiting		72.38	84	2,136.62	A
Pepper, Spice		1.28	7	181.20	A
Persimmon		5.91	12	121.33	A
Pistachio		6,237.00	915	75,978.96	A
Plum		576.45	851	9,019.94	A
Pluot		2.05	1	38.91	A
Pomegranate		107.79	109	2,329.24	A
Pomelo		0.21	1	5.00	A
Potato		628.85	198	12,340.28	A
Poultry		0.08		14.00	U
Prune		368.09	106	3,423.24	A
Pumpkin		17.22	14	694.50	A
Quince		0.28	2	25.00	A
Radicchio		5.40	8	148.50	A
Radish		0.30	35	19.05	A
Rangeland		15.60	26	525.00	A
Rappini		0.32	3	46.30	A
Raspberry		1,174.52	117	1,165.70	A
Recreation Area		0.30	1	10.00	A
Regulatory Pest Control		31.14			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		3.15		3,000.00	A
Total Pounds On This Commodity	34.28				
Research Commodity		0.34	2	2.75	A
		0.05			
Total Pounds On This Commodity	0.39				
Rice		1,105.13	202	15,327.20	A
Rice, Wild		18.51	14	1,386.00	A
Rights Of Way		2,937.21			
		45.78	37	1,172.50	A
Total Pounds On This Commodity	2,982.99				
Ryegrass		18.29	3	220.00	A
Safflower		199.01	33	8,388.30	A
Soil Fumigation/Preplant		353.97	103	7,330.24	A
Sorghum (Forage - Fodder)		13.90	7	597.00	A
Sorghum/Milo		79.04	32	1,791.46	A
Soybean		11.13	12	172.00	A
Spinach		6.27	50	225.58	A
Squash		4.63	3	36.00	A
Squash, Summer		0.10	1	10.00	A
Squash, Winter		2.80	2	119.00	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		1,759.30	1,567	46,477.91	A
Structural Pest Control		425.41			
Sudangrass		0.60	5	176.00	A
Sugarbeet		175.34	135	9,397.55	A
Sunflower		46.54	29	1,444.00	A
Sweet Potato		8.91	5	229.00	A
Swiss Chard		0.66	7	26.87	A
Tangelo		73.78	42	886.19	A
Tangerine		1,141.59	452	19,301.55	A
Timothy		3.16	36	1,328.80	A
Tomato		237.89	202	7,675.29	A
Tomato, Processing		2,870.23	930	81,179.16	A
Triticale		13.94	8	761.00	A
Turf/Sod		23.81	8	517.90	A
Turnip		0.09	12	8.11	A
Uncultivated Ag		578.10	321	13,801.19	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	578.10				
Uncultivated Non-Ag		27.85	27	265.35	A
Unknown		21.17	18	234.30	A
Walnut		6,094.96	1,473	44,129.09	A
		0.04	1	8.00	U
Total Pounds On This Commodity	6,095.00				
Watermelon		14.06	33	859.00	A
Wheat		581.54	186	14,994.45	A
Wheat (Forage - Fodder)		479.78	246	15,597.04	A
Chemical Total		260,066.21	50,288		
PHOSPHORIC ACID, MONOPOTASSIUM SALT					
Landscape Maintenance		12.00			
Chemical Total		12.00			
PHOSPHORUS					
Rights Of Way		< 0.01			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	< 0.01			
PICLORAM				
Rangeland	0.02		0.10	A
Regulatory Pest Control	1.48			
Chemical Total	1.50			
PINDONE				
Landscape Maintenance	0.06			
Turf/Sod	< 0.01	1	10.00	A
Chemical Total	< 0.01	1		
BETA-PINENE POLYMER				
Alfalfa	15.67	1	45.00	A
Almond	5,249.65	257	18,307.16	A
Apple	6.51	1	37.00	A
Apricot	46.31	4	408.00	A
Blueberry	170.26	11	496.10	A
Cherry	1,417.21	18	570.30	A
Grape	274.34	29	1,319.19	A
Grape, Wine	2,172.68	198	10,806.96	A
Grapefruit	37.88	4	31.00	A
Landscape Maintenance	0.26			
Lemon	51.28	5	63.00	A
Lettuce, Head	13.21	10	109.30	A
Lettuce, Leaf	6.25	3	26.00	A
N-Grnhs Transplants	195.27	33	345.00	A
N-Outdr Flower	1.70	4	10.25	A
N-Outdr Plants In Containers	138.05	57	403.30	A
Nectarine	56.34	40	213.25	A
Onion, Dry	67.60	3	249.00	A
Orange	1,875.90	53	1,321.85	A
Peach	63.75	55	300.80	A
Pear	49.84	5	291.00	A
Pistachio	57.46	1	35.00	A
Plum	12.46	14	64.50	A
Prune	295.27	5	227.00	A
Strawberry	316.96	28	1,846.50	A
Tangelo	6.39	1	11.00	A
Tomato	36.77	3	105.70	A
Tomato, Processing	33.72	4	131.45	A
Vertebrate Control	93.05	11	702.33	A
Walnut	666.85	47	1,929.92	A
Wheat	40.89	2	298.50	A
Chemical Total	13,469.76	907		
PINE OIL				
Landscape Maintenance	< 0.01			
Structural Pest Control	8.28			
Chemical Total	8.29			
PIPERALIN				
N-Grnhs Flower	722.71	748	921.51	A
	18.06	38	1,079,767.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		42.60	36	84.30	A
		16.96	62	1,028,309.00	S
Total Pounds On This Commodity	59.56				
N-Grnhs Transplants		31.52	39	45.40	A
N-Outdr Flower		83.07	59	193.04	A
N-Outdr Plants In Containers		41.33	37	91.00	A
		0.66	5	32,560.00	S
Total Pounds On This Commodity	41.98				
Research Commodity		0.10			
Chemical Total		956.99	1,024		
PIPERINE					
Landscape Maintenance		0.17			
Structural Pest Control		0.03			
Chemical Total		0.20			
PIPERONYL BUTOXIDE					
Almond		77.18	3	297.00	A
Animal Premise		271.74		154.00	U
		64.62		183,792.00	S
		1.85		1.00	A
Total Pounds On This Commodity	338.21				
Arrugula		5.33	5	13.50	A
Avocado		5.11	1	4.50	A
Basil, Sweet		5.71	5	15.00	A
Bean, Succulent		0.63	1	4.00	A
Blackberry		0.14	1	6.00	A
Bok Choy		0.90	18	18.01	A
Cabbage		0.66	9	13.09	A
Celeriac		0.16	1	1.00	A
Celery		5.30	6	42.00	A
Chervil		2.28	3	6.00	A
Chicken		0.29		10.00	U
Chinese Cabbage (Nappa)		1.78	26	35.40	A
Cilantro		6.85	2	18.00	A
Collard		0.09	1	1.89	A
Commodity Fumigation		62.25			
Cucumber		5.53	11	14.53	A
Daikon		0.32	2	2.00	A
Dill		7.04	4	18.50	A
Endive (Escarole)		0.23	14	4.56	A
Farm/Ag Building		0.48		1.80	A
Forest, Timberland		1.04		520,000.00	S
Fumigation, Other		23.12			
Grain		94.67		810,000.00	C
Granary		0.81		3.00	U
Grape, Wine		9.63	5	138.00	A
Herb, Spice		9.21	17	25.00	A
Household		0.01		6.00	A
Kohlrabi		0.13	3	2.49	A
Landscape Maintenance		789.55			
		2.49	29	1,306.00	A
Total Pounds On This Commodity	792.05				
Lemon		2,077.48	170	4,223.14	A
Lettuce, Head		53.86	50	385.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		96.54	288	874.15	A
Livestock		10.15	1	100.00	U
Melon		0.16	1	2.00	A
Mint		0.32	2	2.00	A
Mushroom		53.07	28	376,500.00	S
Mustard		0.12	2	2.38	A
N-Grnhs Flower		241.04	324	535.50	A
		5.59	20	988,780.00	S
Total Pounds On This Commodity	246.63				
N-Grnhs Plants In Containers		46.49	127	4,493,484.00	S
		41.28	115	237.38	A
Total Pounds On This Commodity	87.77				
N-Grnhs Transplants		13.25	43	55.74	A
		0.69	5	122,000.00	S
Total Pounds On This Commodity	13.93				
N-Outdr Flower		86.81	94	486.66	A
N-Outdr Plants In Containers		201.29	215	1,068.31	A
		1.78	4	54,800.00	S
		0.16	3	3,950.00	U
Total Pounds On This Commodity	203.23				
N-Outdr Transplants		1,077.76	517	8,337.45	A
		< 0.01	1	7,500.00	S
Total Pounds On This Commodity	1,077.76				
Olive		0.34	4	80.00	A
Orange		92.16	14	197.50	A
		0.32		270,000.00	P
Total Pounds On This Commodity	92.48				
Oregano		9.58	8	24.50	A
Parsley		1.73	4	8.11	A
Pastureland		24.36	3	144.15	A
Peach		1.02	1	2.00	A
Pepper, Spice		0.10	2	0.28	A
Pistachio		0.08	1	17.00	A
Pomegranate		19.33	3	38.00	A
Public Health		34,292.45			
Raspberry		21.82	6	49.00	A
Regulatory Pest Control		102.67			
Research Commodity		1.11			
		0.06	2	0.20	A
		0.04	1	100.00	U
Total Pounds On This Commodity	1.21				
Rights Of Way		22.53			
		0.09	2	10.82	A
Total Pounds On This Commodity	22.62				
Sage		3.81	2	10.00	A
Spinach		3.67	5	32.21	A
Squash		0.35	3	4.14	A
Storage Area/Box		5.20		2,560.00	K
Strawberry		2,413.03	317	7,194.24	A
Structural Pest Control		15,326.58			
		71.47	1	60.00	A
Total Pounds On This Commodity	15,398.05				
Swiss Chard		3.06	8	14.36	A
Tangerine		20.30	1	40.00	A
Thyme		1.14	1	3.00	A
Tomato		5,295.65	172	10,444.27	A
		35.19	29	1,544,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	5,330.84				
Uncultivated Non-Ag		1.23	8	89.00	A
Vertebrate Control		8.09			
Watercress		0.48	2	3.00	A
Chemical Total		63,244.01	2,777		
PIPERONYL BUTOXIDE, OTHER RELATED					
Almond		19.29	3	297.00	A
Animal Premise		67.16		130.00	U
		16.16		183,792.00	S
		0.46		1.00	A
Total Pounds On This Commodity	83.78				
Arrugula		1.33	5	13.50	A
Avocado		1.28	1	4.50	A
Basil, Sweet		1.43	5	15.00	A
Bean, Succulent		0.16	1	4.00	A
Blackberry		0.04	1	6.00	A
Bok Choy		0.23	18	18.01	A
Cabbage		0.16	9	13.09	A
Celeriac		0.04	1	1.00	A
Celery		1.33	6	42.00	A
Chervil		0.57	3	6.00	A
Chicken		0.08		10.00	U
Chinese Cabbage (Nappa)		0.44	26	35.40	A
Cilantro		1.71	2	18.00	A
Collard		0.02	1	1.89	A
Commodity Fumigation		14.21			
Cucumber		1.38	11	14.53	A
Daikon		0.08	2	2.00	A
Dill		1.76	4	18.50	A
Endive (Escarole)		0.06	14	4.56	A
Farm/Ag Building		0.12		1.80	A
Forest, Timberland		0.26		520,000.00	S
Fumigation, Other		3.32			
Grain		23.67		810,000.00	C
Granary		0.22		3.00	U
Grape, Wine		2.41	5	138.00	A
Herb, Spice		2.30	17	25.00	A
Household		< 0.01		6.00	A
Kohlrabi		0.03	3	2.49	A
Landscape Maintenance		180.01			
		0.60	23	1,030.00	A
Total Pounds On This Commodity	180.61				
Lemon		519.37	170	4,223.14	A
Lettuce, Head		13.47	50	385.30	A
Lettuce, Leaf		24.13	288	874.15	A
Livestock		2.54	1	100.00	U
Melon		0.04	1	2.00	A
Mint		0.08	2	2.00	A
Mushroom		13.27	28	376,500.00	S
Mustard		0.03	2	2.38	A
N-Grnhs Flower		58.51	297	487.43	A
		0.31	11	487,000.00	S
Total Pounds On This Commodity	58.82				
N-Grnhs Plants In Containers		5.22	58	2,428,809.00	S
		2.97	35	77.92	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	8.19				
N-Grnhs Transplants		3.07	42	55.49	A
		0.02	2	106,000.00	S
Total Pounds On This Commodity	3.09				
N-Outdr Flower		21.70	94	486.66	A
N-Outdr Plants In Containers		38.95	166	960.37	A
		0.44	2	48,900.00	S
Total Pounds On This Commodity	39.39				
N-Outdr Transplants		269.44	517	8,337.45	A
		< 0.01	1	7,500.00	S
Total Pounds On This Commodity	269.44				
Olive		0.09	4	80.00	A
Orange		23.04	14	197.50	A
		0.08		270,000.00	P
Total Pounds On This Commodity	23.12				
Oregano		2.39	8	24.50	A
Parsley		0.43	4	8.11	A
Pastureland		6.09	3	144.15	A
Peach		0.25	1	2.00	A
Pepper, Spice		0.02	2	0.28	A
Pistachio		0.02	1	17.00	A
Pomegranate		4.83	3	38.00	A
Public Health		8,205.36			
Raspberry		5.46	6	49.00	A
Regulatory Pest Control		25.61			
Research Commodity		0.19			
		0.02	2	0.20	A
		< 0.01	1	100.00	U
Total Pounds On This Commodity	0.22				
Rights Of Way		5.38			
Sage		0.95	2	10.00	A
Spinach		0.92	5	32.21	A
Squash		0.09	3	4.14	A
Storage Area/Box		1.30		2,560.00	K
Strawberry		603.26	317	7,194.24	A
Structural Pest Control		3,510.50			
		4.56	1	60.00	A
Total Pounds On This Commodity	3,515.06				
Swiss Chard		0.76	8	14.36	A
Tangerine		5.07	1	40.00	A
Thyme		0.29	1	3.00	A
Tomato		1,323.91	172	10,444.27	A
		8.80	29	1,544,000.00	S
Total Pounds On This Commodity	1,332.71				
Vertebrate Control		2.02			
Watercress		0.12	2	3.00	A
Chemical Total		15,057.71	2,518		
PIRIMICARB					
Structural Pest Control		2.03			
Chemical Total		2.03			
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE					
Alfalfa		302.00	345	22,777.74	A
Almond		152.83	209	10,501.95	A
Apricot		0.95	6	71.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Artichoke, Globe		4.33	8	194.00	A
Asparagus		9.62	20	589.00	A
Barley		36.46	55	3,940.60	A
Bean, Succulent		1.43	2	64.00	A
Bean, Unspecified		0.76	1	34.00	A
Beet		1.29	15	57.40	A
Bermudagrass		8.09	9	805.00	A
Blackberry		1.42	16	54.20	A
Broccoli		25.91	121	1,285.68	A
Cabbage		14.52	56	651.40	A
Cantaloupe		3.17	10	1,267.00	A
Cauliflower		4.71	26	232.00	A
Celery		36.75	184	1,576.83	A
Cherry		13.67	54	1,361.24	A
Collard		0.09	1	4.00	A
Corn (Forage - Fodder)		151.50	176	11,338.98	A
Cotton		412.45	259	33,660.27	A
Fig		4.80	3	240.00	A
Garlic		67.97	34	3,939.90	A
Grape		70.96	143	2,134.71	A
Grape, Wine		263.21	122	6,315.50	A
Grass, Seed		0.33	1	157.00	A
Kale		0.38	9	27.20	A
Landscape Maintenance		7.86			
Lemon		2.90	4	76.10	A
Lettuce, Head		82.99	237	2,813.23	A
Lettuce, Leaf		87.16	362	3,865.38	A
Melon		0.17	1	76.00	A
Mint		5.25	30	2,406.00	A
Nectarine		14.64	175	1,717.47	A
Oat		15.47	16	1,376.00	A
Oat (Forage - Fodder)		13.45	26	1,136.00	A
Onion, Dry		45.22	193	9,404.88	A
Orange		12.49	17	648.20	A
Parsley		0.94	8	42.20	A
Pastureland		2.62	5	339.00	A
Peach		62.05	284	3,186.56	A
Pepper, Fruiting		2.91	9	185.40	A
Pistachio		106.89	89	7,661.72	A
Plum		19.11	145	1,636.73	A
Pluot		4.40	53	645.14	A
Pomegranate		7.63	6	268.20	A
Potato		126.40	173	10,611.00	A
Prune		0.81	8	77.20	A
Raspberry		8.87	18	230.00	A
Rice		3.88	11	635.00	A
Rights Of Way		167.89			
		0.31	2	5.50	A
Total Pounds On This Commodity	168.20				
Safflower		0.58	2	199.00	A
Soil Fumigation/Preplant		50.56	71	2,576.54	A
Sorghum/Milo		11.70	45	2,779.97	A
Spinach		7.53	61	657.30	A
Strawberry		28.74	44	1,356.10	A
Structural Pest Control		0.71			
Tangerine		7.27	6	383.67	A
Tomato		10.90	27	1,544.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing	31.10	48	5,107.80	A
Triticale	14.88	4	405.00	A
Turf/Sod	42.06	1	305.00	A
Uncultivated Ag	32.56	15	840.50	A
Uncultivated Non-Ag	0.09	2	40.00	A
Unknown	0.24	1	10.50	A
Vertebrate Control	0.40			
Walnut	53.87	211	5,049.42	A
Wheat	370.59	476	39,945.22	A
Wheat (Forage - Fodder)	112.73	196	11,673.58	A
Chemical Total	3,168.43	4,967		
POLYACRYLAMIDE POLYMER				
Airport	2.53	2	150.00	A
Alfalfa	261.73	444	29,278.21	A
Almond	343.89	377	24,024.41	A
Apple	5.28	15	351.48	A
Artichoke, Globe	0.10	1	4.50	A
Asparagus	19.03	63	1,275.78	A
Barley	32.25	49	3,899.77	A
Barley (Forage - Fodder)	2.83	13	457.00	A
Bean, Dried	12.86	47	1,730.00	A
Bean, Succulent	0.50	4	177.00	A
Bermudagrass	5.70	14	785.50	A
Blueberry	6.53	3	189.00	A
Broccoli	1.01	9	96.70	A
Cantaloupe	0.45	2	35.45	A
Carrot	8.60	10	525.80	A
Cauliflower	6.66	28	225.40	A
Celery	9.42	94	739.11	A
Cherry	73.70	75	1,517.20	A
Corn (Forage - Fodder)	198.15	455	22,824.67	A
Corn, Grain	2.03	10	407.70	A
Corn, Human Consumption	6.00	33	1,083.80	A
Cotton	477.80	869	142,815.77	A
Cucumber	0.25	1	7.50	A
Fennel	0.22	1	3.20	A
Fig	0.92	3	123.00	A
Forage Hay/Silage	9.02	9	650.00	A
Forest, Timberland	3.76		150.00	A
Garlic	1.96	2	255.00	A
Grape	65.83	137	3,629.61	A
Grape, Wine	320.79	320	19,567.96	A
Grapefruit	0.28	3	41.00	A
Herb, Spice	0.54	1	4.00	A
Kiwi	0.52	1	19.20	A
Landscape Maintenance	3.80			
Lemon	0.35	4	86.00	A
Lettuce, Head	0.59	8	94.70	A
Lettuce, Leaf	0.30	31	323.40	A
Melon	26.72	34	1,914.27	A
N-Outdr Plants In Containers	8.12	66	602.76	A
N-Outdr Transplants	0.12	1	43.00	A
Oat	25.66	58	3,253.00	A
Oat (Forage - Fodder)	20.07	44	2,223.40	A
Okra	0.05	1	7.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Olive		3.12	7	298.00	A
Onion, Dry		4.96	19	912.30	A
Orange		33.81	26	659.50	A
Pastureland		3.09	7	464.50	A
Peach		0.76	4	27.00	A
Pear		1.97	2	204.00	A
Pepper, Fruiting		18.88	23	473.10	A
Persimmon		0.63	3	51.00	A
Pistachio		9.37	50	1,296.76	A
Plum		5.20	7	274.01	A
Pomegranate		4.86	17	457.84	A
Potato		2.15	4	226.80	A
Prune		7.30	33	1,145.00	A
Pumpkin		< 0.01	1	0.50	A
Rangeland		36.89	8	1,590.00	A
Regulatory Pest Control		< 0.01			
Rice		9.58	13	739.00	A
Rights Of Way		1,126.05			
		4.05	9	649.50	A
Total Pounds On This Commodity	1,130.11				
Rye		1.10	3	67.00	A
Ryegrass		0.54	2	23.40	A
Safflower		23.98	25	8,087.00	A
Soil Fumigation/Preplant		19.03	11	1,060.10	A
Sorghum (Forage - Fodder)		0.02	2	281.00	A
Sorghum/Milo		12.38	6	157.00	A
Squash		0.44	1	13.00	A
Strawberry		0.10	7	105.10	A
Structural Pest Control		30.07			
Sunflower		2.87	9	581.00	A
Tangerine		1.58	18	662.00	A
Tomato		21.70	12	943.89	A
Tomato, Processing		97.35	221	24,678.69	A
Triticale		3.61	4	606.00	A
Turf/Sod		15.41	51	1,089.02	A
Uncultivated Ag		148.07	314	52,778.35	A
Uncultivated Non-Ag		1.12	4	78.10	A
Walnut		46.98	123	3,465.30	A
Watermelon		1.09	2	80.75	A
Wheat		266.21	497	40,515.91	A
Wheat (Forage - Fodder)		171.03	498	27,611.52	A
Chemical Total		4,104.26	5,385		
POLYACRYLIC POLYMER					
Alfalfa		114.01	452	22,690.78	A
Almond		159.54	606	36,576.32	A
Apricot		0.16	5	23.50	A
Barley		0.74	8	363.77	A
Bean, Dried		7.29	32	2,168.80	A
Broccoli		5.51	106	995.40	A
Cabbage		0.29	30	166.22	A
Cantaloupe		1.06	3	174.50	A
Cauliflower		2.07	76	973.14	A
Celery		8.32	221	1,775.65	A
Cherry		18.78	75	1,978.65	A
Corn (Forage - Fodder)		60.23	340	17,855.92	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn, Grain		1.24	2	299.60	A
Corn, Human Consumption		3.55	8	388.20	A
Cotton		78.34	306	20,802.60	A
Cotton (Forage - Fodder)		1.21	6	332.10	A
Ditch Bank		1.03	1	150.00	A
Farm/Ag Building		0.02	2	6.80	A
Fig		0.11	1	40.00	A
Forage Hay/Silage		0.18	1	43.10	A
Forest, Timberland		1.92	15	608.00	A
Garlic		0.46	8	83.20	A
Grape		0.71	10	478.91	A
Grape, Wine		8.20	63	3,801.30	A
Grapefruit		0.63	8	76.50	A
Kale		0.05	6	18.00	A
Kiwi		0.15	21	131.50	A
Landscape Maintenance		8.01			
		0.08	2	3.50	A
Total Pounds On This Commodity	8.08				
Lemon		5.44	36	747.09	A
Lettuce, Head		16.21	226	2,744.78	A
Lettuce, Leaf		22.46	228	2,452.95	A
Mint		1.67	14	967.00	A
N-Grnhs Flower		8.38	310	522.02	A
N-Grnhs Plants In Containers		0.99	31	24.29	A
		0.59	23	950,000.00	U
Total Pounds On This Commodity	1.59				
N-Outdr Flower		0.26	23	87.83	A
N-Outdr Plants In Containers		8.78	360	204.79	A
N-Outdr Transplants		1.01	4	29.00	A
Nectarine		4.77	9	199.00	A
Oat		1.81	4	215.00	A
Oat (Forage - Fodder)		0.60	5	354.00	A
Olive		12.47	72	1,403.50	A
Onion, Dry		3.89	36	782.20	A
Orange		103.25	585	16,808.98	A
Pastureland		0.67	12	242.70	A
Peach		10.44	51	612.09	A
Pear		6.75	65	626.55	A
Pecan		0.22	1	10.00	A
Persimmon		0.06	1	10.00	A
Pistachio		105.79	314	23,521.99	A
Plum		15.25	10	289.75	A
Pomegranate		7.23	64	1,392.74	A
Potato		31.23	38	3,131.00	A
Prune		14.67	37	1,341.44	A
Rangeland		1.40	25	510.00	A
Recreation Area		0.03	1	10.00	A
Rice		7.78	12	728.98	A
Rice, Wild		1.37	5	1,000.00	A
Rights Of Way		329.27			
		1.83	23	361.50	A
Total Pounds On This Commodity	331.11				
Ryegrass		1.54	2	150.00	A
Safflower		0.42	2	202.00	A
Soil Fumigation/Preplant		0.12	2	17.50	A
Sorghum (Forage - Fodder)		0.07	1	52.00	A
Sorghum/Milo		2.20	1	80.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Strawberry		4.85	26	473.40	A
Sugarbeet		3.11	11	786.00	A
Sunflower		0.10	2	35.50	A
Tangelo		4.82	29	686.99	A
Tangerine		55.19	193	12,975.80	A
Tomato		5.04	21	771.80	A
Tomato, Processing		8.57	43	2,801.09	A
Triticale		0.12	1	42.00	A
Turf/Sod		0.29	3	33.70	A
Uncultivated Ag		15.75	64	2,597.10	A
Uncultivated Non-Ag		0.01	1	4.00	A
Walnut		69.56	260	9,275.29	A
Wheat		31.28	32	2,827.32	A
Wheat (Forage - Fodder)		0.51	6	295.80	A
Chemical Total		1,413.97	5,739		
POLYALKYLENE ETHER					
Alfalfa		5.97	3	322.30	A
Grape, Wine		1.48	1	60.00	A
Chemical Total		7.44	4		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE					
Alfalfa		487.71	693	39,213.08	A
Almond		1,657.65	1,447	78,799.14	A
		0.66	2	104.59	U
Total Pounds On This Commodity	1,658.31				
Apricot		18.50	21	241.70	A
Artichoke, Globe		228.67	70	2,260.70	A
Avocado		1,175.71	22	786.51	A
Barley		0.07	3	5.00	A
Bean, Dried		19.48	30	1,477.20	A
Bean, Succulent		4.48	5	97.00	A
Beet		14.17	19	75.72	A
Bermudagrass		2.12	5	340.00	A
Blackberry		33.28	22	163.40	A
Blueberry		0.53	3	53.13	A
Bok Choy		50.77	71	131.53	A
Broccoli		987.54	1,280	12,757.89	A
Cabbage		616.97	412	4,073.87	A
Cantaloupe		13.30	23	1,504.35	A
Carrot		1.81	4	11.30	A
Cauliflower		81.45	245	2,646.20	A
Celery		525.95	978	12,539.54	A
Cherry		112.54	173	5,590.50	A
Chinese Cabbage (Nappa)		165.16	114	456.10	A
Cilantro		3.92	5	16.50	A
Citrus		1.37	1	82,000.00	U
Collard		7.90	26	170.88	A
Corn (Forage - Fodder)		104.07	149	8,815.87	A
Corn, Grain		12.14	25	950.10	A
Corn, Human Consumption		11.45	33	1,643.19	A
Cotton		168.68	239	15,216.33	A
Cucumber		1.34	2	7.00	A
Eggplant		0.20	1	17.00	A
Endive (Escarole)		2.36	32	92.99	A
Farm/Ag Building		0.05	2	6.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Fig		0.45	1	40.00	A
Forage Hay/Silage		1.21	3	200.00	A
Forest, Timberland		70.93	99	2,282.00	A
Gai Lon		21.89	15	1,620.00	A
Garbanzo Bean		1.18	2	50.00	A
Garlic		23.59	9	1,992.20	A
Grape		163.89	213	7,954.07	A
Grape, Wine		1,211.26	648	21,585.17	A
Grapefruit		2.52	4	222.00	A
Kale		7.35	12	34.19	A
Kiwi		0.37	20	128.00	A
Landscape Maintenance		468.46			
Lemon		164.23	38	1,476.00	A
		0.59	1	30,000.00	U
Total Pounds On This Commodity	164.81				
Lettuce, Head		1,313.63	1,442	14,605.24	A
Lettuce, Leaf		978.83	823	5,873.92	A
Melon		1.59	3	165.50	A
Mustard		2.62	13	74.74	A
N-Grnhs Flower		63.10	192	498.21	A
N-Grnhs Plants In Containers		10.23	159	3,047,793.00	S
		4.68	12	35.40	A
Total Pounds On This Commodity	14.92				
N-Grnhs Transplants		0.02	3	6,900.00	S
N-Outdr Flower		22.86	159	786.75	A
N-Outdr Plants In Containers		53.52	178	765.92	A
		0.49	8	513,150.00	S
Total Pounds On This Commodity	54.02				
N-Outdr Transplants		8.91	16	422.04	A
Nectarine		3.77	14	172.50	A
Oat (Forage - Fodder)		6.35	8	543.00	A
Olive		7.10	16	323.79	A
Onion, Dry		83.26	86	4,299.37	A
Orange		1,574.79	251	6,119.59	A
Parsley		12.76	9	60.10	A
Pastureland		1.53	13	284.70	A
Peach		28.14	48	709.39	A
Pepper, Fruiting		1,136.93	167	5,821.61	A
Pepper, Spice		0.87	1	23.00	A
Persimmon		1.94	7	104.00	A
Pistachio		202.27	161	12,411.46	A
Plum		5.43	23	386.05	A
Pomegranate		81.21	19	1,221.61	A
Pomelo		0.27	2	10.00	A
Potato		42.07	23	2,139.73	A
Prune		147.13	148	5,847.99	A
Pumpkin		1.04	2	54.40	A
Radicchio		5.20	15	600.00	A
Rangeland		3.87	25	510.00	A
Rappini		7.50	24	911.60	A
Raspberry		511.73	128	2,513.55	A
Regulatory Pest Control		0.14			
Rice		309.75	181	15,991.03	A
Rice, Wild		1.54	4	270.00	A
Rights Of Way		77.96			
		19.92	13	128.90	A
Total Pounds On This Commodity	97.88				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Safflower		2.31	2	202.00	A
Soil Fumigation/Preplant		1.81	2	76.51	A
Sorghum/Milo		2.63	3	111.00	A
Spinach		0.07	3	3.00	A
Strawberry		2,608.68	575	16,018.16	A
Structural Pest Control		2.24			
Sugarbeet		17.21	27	2,038.00	A
Sunflower		< 0.01	1	1.00	A
Swiss Chard		2.25	9	43.70	A
Tangelo		102.27	21	368.00	A
Tangerine		54.90	39	2,930.00	A
Timothy		3.50	3	615.00	A
Tomato		3.65	11	317.08	A
Tomato, Processing		44.57	78	4,803.13	A
Turf/Sod		2.24	3	75.82	A
Turnip		0.94	10	24.99	A
Uncultivated Ag		23.69	81	1,747.55	A
Uncultivated Non-Ag		23.89	9	471.30	A
Unknown		29.38	2	112.80	A
Walnut		536.99	423	14,612.26	A
		0.43	5	55.00	U
Total Pounds On This Commodity	537.42				
Watermelon		3.65	13	451.75	A
Wheat		62.82	50	6,694.92	A
Wheat (Forage - Fodder)		5.06	11	440.22	A
Chemical Total		18,920.08	12,999		
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE					
Alfalfa		249.04	26	1,409.67	A
Almond		542.26	73	4,010.95	A
Asparagus		10.24	3	46.00	A
Blueberry		18.07	13	227.00	A
Cherry		28.14	16	241.69	A
Corn (Forage - Fodder)		28.62	9	653.50	A
Corn, Grain		9.63	3	173.00	A
Cotton		40.68	17	1,448.40	A
Grape		614.68	56	2,347.68	A
Grape, Wine		2,024.36	267	10,110.83	A
Lettuce, Head		298.35	121	3,956.60	A
Lettuce, Leaf		1.29	1	23.30	A
Nectarine		87.04	194	2,189.48	A
Olive		5.94	2	37.00	A
Onion, Dry		24.00	7	360.80	A
Orange		2.79	4	29.33	A
Peach		82.71	173	1,909.73	A
Pear		1.77	2	12.72	A
Pepper, Fruiting		2.78	1	15.00	A
Pistachio		38.86	26	483.97	A
Plum		46.12	84	962.31	A
Rights Of Way		26.72			
Soil Fumigation/Preplant		7.42	2	160.00	A
Sorghum/Milo		3.82	2	221.60	A
Strawberry		0.34	1	2.50	A
Tangerine		0.74	1	10.00	A
Tomato		15.52	6	268.00	A
Tomato, Processing		85.32	21	1,355.75	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Triticale	148.64	3	534.00	A
Turf/Sod	21.44	2	317.00	A
Uncultivated Non-Ag	7.79	2	70.00	A
Walnut	245.67	59	1,671.39	A
Wheat (Forage - Fodder)	4.17	5	225.00	A
Chemical Total	4,724.99	1,202		
POLYAMINE POLYMER				
Alfalfa	57.91	1	175.00	A
Chemical Total	57.91	1		
POLYBUTENES				
Alfalfa	917.59	371	23,965.94	A
Almond	2,493.11	847	42,793.17	A
Apple	284.15	108	3,891.48	A
Apricot	396.87	83	4,601.00	A
Arrugula	2.75	3	63.00	A
Artichoke, Globe	1,851.73	1,088	47,634.97	A
Asparagus	1.78	8	464.00	A
Avocado	1.41	3	37.00	A
Bean, Dried	227.02	157	9,078.18	A
Bean, Succulent	42.87	26	1,214.00	A
Blueberry	23.43	5	276.00	A
Bok Choy	1.71	10	38.63	A
Broccoli	89.99	110	1,955.80	A
Cabbage	17.56	21	347.30	A
Cantaloupe	93.48	40	2,657.62	A
Cardoon	1.34	16	27.20	A
Carrot	1,610.82	252	16,947.54	A
Cauliflower	104.18	73	1,630.25	A
Celery	33.03	80	911.10	A
Cherry	758.11	796	17,333.48	A
Chinese Cabbage (Nappa)	1.29	8	48.93	A
Cilantro	2.36	7	57.58	A
Citrus	2.37	3	24.00	A
Corn (Forage - Fodder)	233.94	110	6,551.10	A
Corn, Grain	6.84	1	144.00	A
Corn, Human Consumption	1,032.15	362	37,808.15	A
Cotton	643.76	296	16,667.80	A
Cucumber	< 0.01	1	1.00	A
Eggplant	1.73	7	38.50	A
Endive (Escarole)	0.90	9	27.42	A
Forage Hay/Silage	18.28	10	364.60	A
Garlic	42.39	8	482.50	A
Grape	181.82	86	2,693.34	A
Grape, Wine	707.45	415	19,344.07	A
Grapefruit	32.90	44	481.50	A
Kale	0.62	1	20.96	A
Landscape Maintenance	0.36			
Lemon	47.38	17	296.16	A
Lettuce, Head	731.49	1,005	21,977.89	A
Lettuce, Leaf	173.20	377	5,170.45	A
Melon	33.28	13	1,002.00	A
Mint	0.38	1	7.80	A
Mustard	1.20	6	13.00	A
N-Outdr Plants In Containers	0.09	2	4.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Transplants		0.97	6	26.75	A
Nectarine		1.01	10	23.00	A
Oat		2.77	1	58.40	A
Oat (Forage - Fodder)		1.69	5	80.00	A
Okra		0.17	1	7.00	A
Olive		1.02	1	57.00	A
Onion, Dry		98.03	28	3,193.00	A
Orange		2,287.51	636	11,868.24	A
Parsnip		0.99	1	13.00	A
Pastureland		2.21	2	31.50	A
Peach		527.50	178	6,653.94	A
Pear		40.21	23	1,252.00	A
Pecan		0.41	1	13.00	A
Pepper, Fruiting		50.49	41	1,728.90	A
Persimmon		2.61	3	20.75	A
Pistachio		1,040.20	119	13,722.24	A
Plum		16.93	20	252.00	A
Pluot		0.05	1	2.00	A
Pomegranate		7.96	2	335.30	A
Pomelo		0.08	1	2.00	A
Potato		44.66	18	1,017.90	A
Prune		52.87	36	1,030.00	A
Pumpkin		1.01	4	40.00	A
Rice		5.23	2	55.00	A
Rights Of Way		26.18			
Soil Fumigation/Preplant		1.85	2	47.00	A
Sorghum/Milo		2.74	3	77.00	A
Spinach		2.67	15	113.70	A
Squash		0.88	6	58.00	A
Strawberry		0.14	1	3.00	A
Structural Pest Control		200.81			
Sugarbeet		35.71	26	1,526.00	A
Sunflower		1.60	3	45.00	A
Tangelo		15.33	15	172.80	A
Tangerine		103.07	33	2,015.70	A
Tomato		17.40	22	773.50	A
Tomato, Processing		353.84	136	12,868.01	A
Turnip		0.22	1	0.96	A
Uncultivated Ag		128.63	107	2,173.20	A
Uncultivated Non-Ag		0.02	1	1.00	A
Vertebrate Control		1,332.51			
		0.09	1	155.00	A
Total Pounds On This Commodity	1,332.61				
Walnut		416.87	181	5,974.00	A
Watermelon		98.60	51	2,782.80	A
Wheat		189.61	70	3,988.82	A
Wheat (Forage - Fodder)		20.38	11	622.30	A
Chemical Total		19,984.86	8,711		
POLYETHER MODIFIED POLYSILOXANE					
Alfalfa		359.24	338	21,672.48	A
Almond		7,196.48	688	43,447.53	A
Apple		483.63	23	1,193.02	A
Apricot		2.32	1	23.90	A
Arrugula		1.18	12	30.21	A
Artichoke, Globe		889.91	110	8,623.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Avocado		193.61	51	1,532.65	A
Barley		0.60	3	148.00	A
Bean, Dried		172.84	51	2,414.60	A
Bean, Succulent		8.19	8	162.50	A
Beet		0.88	44	61.96	A
Bok Choy		0.16	6	11.71	A
Broccoflower		0.10	1	5.20	A
Broccoli		947.20	1,289	16,034.63	A
Brussels Sprout		1.94	12	80.00	A
Cabbage		115.82	157	1,953.40	A
Cantaloupe		34.26	31	1,677.70	A
Carrot		103.24	103	2,273.57	A
Cauliflower		225.28	395	4,205.85	A
Celery		911.86	1,412	13,353.87	A
Cherry		658.60	10	276.29	A
Chinese Cabbage (Nappa)		3.37	5	25.22	A
Chive		0.06	1	0.90	A
Collard		4.34	4	62.00	A
Corn (Forage - Fodder)		74.27	30	2,442.00	A
Corn, Human Consumption		3.55	8	454.00	A
Cucumber		51.12	29	1,024.20	A
Endive (Escarole)		35.44	98	305.07	A
Fennel		2.33	4	17.40	A
Garbanzo Bean		71.09	16	1,154.20	A
Garlic		30.44	42	629.50	A
Grape		773.36	85	2,415.63	A
Grape, Wine		3,510.85	764	16,721.38	A
Grapefruit		1.68	3	10.20	A
Kale		4.53	19	105.09	A
Landscape Maintenance		5.00			
Leek		0.35	4	24.50	A
Lemon		2,351.26	28	627.60	A
Lettuce, Head		2,102.82	2,440	33,907.96	A
Lettuce, Leaf		1,924.79	2,658	27,544.58	A
Melon		52.36	32	1,414.95	A
Mizuna		0.32	6	23.95	A
Mustard		0.66	1	9.00	A
N-Grnhs Flower		119.93	27	111.20	A
		7.93	19	1,055,000.00	S
Total Pounds On This Commodity	127.86				
N-Grnhs Plants In Containers		15.35	42	19.15	A
		0.43	2	40,500.00	S
Total Pounds On This Commodity	15.78				
N-Outdr Plants In Containers		69.55	68	146.67	A
Nectarine		42.19	25	516.05	A
Oat (Forage - Fodder)		0.03	2	7.00	A
Onion, Dry		681.65	417	15,775.29	A
Onion, Green		3.99	44	221.40	A
Orange		9,598.75	498	13,102.82	A
Parsley		0.66	2	15.00	A
Pastureland		3.51	6	250.00	A
Peach		82.10	38	532.09	A
Pear		235.98	52	3,377.80	A
Peas		38.55	100	1,181.10	A
Pepper, Fruiting		11.63	20	608.10	A
Pepper, Spice		11.22	21	421.00	A
Pimento		6.12	5	96.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pistachio		233.04	32	1,119.60	A
Plum		35.95	19	411.04	A
Pluot		4.48	4	90.60	A
Prune		218.23	17	1,212.80	A
Pumpkin		6.47	6	148.60	A
Radicchio		4.91	8	148.50	A
Radish		0.18	21	9.70	A
Raspberry		4.34	3	33.15	A
Rice		240.05	50	4,247.70	A
Rights Of Way		151.12			
		1.03	2	41.70	A
Total Pounds On This Commodity	152.15				
Safflower		1.08	1	75.00	A
Soil Fumigation/Preplant		9.48	3	386.00	A
Spinach		3.16	34	186.48	A
Squash		15.92	8	241.00	A
Squash, Summer		0.92	5	33.10	A
Strawberry		1,550.71	221	7,496.96	A
Sugarbeet		37.04	51	3,642.29	A
Sunflower		130.59	21	1,829.20	A
Swiss Chard		0.21	4	13.52	A
Tangelo		425.77	18	598.50	A
Tangerine		109.95	23	551.87	A
Tomato		90.14	80	1,416.58	A
Tomato, Processing		811.85	192	15,263.90	A
Uncultivated Ag		46.56	72	2,147.80	A
Uncultivated Non-Ag		1.30	2	34.10	A
Vertebrate Control		0.92	1	4.50	A
Walnut		3,236.40	342	15,596.68	A
Watermelon		28.27	39	1,153.60	A
Wheat		33.15	14	1,410.00	A
Wheat (Forage - Fodder)		0.21	2	110.00	A
Chemical Total		41,674.33	13,705		
POLYETHOXY POLYPROPOXY POLYETHOXY ETHANOL - IODINE COMPLEX					
Structural Pest Control		0.08			
Chemical Total		0.08			
POLYETHYLENE GLYCOL					
Alfalfa		10,623.99	1,284	79,773.78	A
Almond		13,956.36	1,783	72,614.82	A
Animal Premise		60.98		60.00	U
		9.68		73.00	A
Total Pounds On This Commodity	70.66				
Apple		228.25	59	608.76	A
Apricot		138.96	72	448.57	A
Avocado		181.42	3	41.00	A
Barley		68.33	14	1,193.00	A
Barley (Forage - Fodder)		44.88	13	504.00	A
Bean, Dried		186.06	43	2,340.40	A
Bean, Succulent		38.37	7	346.00	A
Bermudagrass		73.58	4	339.00	A
Blueberry		111.64	24	499.59	A
Bok Choy		18.23	38	126.25	A
Broccoli		56.40	29	675.88	A
Buildings/Non-Ag Outdroor		0.34	1	2.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cabbage		60.09	33	402.89	A
Canola (Rape)		2.61	1	60.00	A
Cantaloupe		17.84	11	451.40	A
Carrot		74.05	32	1,082.19	A
Cauliflower		0.26	1	2.52	A
Celery		649.28	47	1,747.55	A
Cherry		1,544.47	362	6,497.25	A
Chicory		13.95	4	84.00	A
Chinese Cabbage (Nappa)		1.62	4	17.00	A
Christmas Tree		1.49	2	6.00	A
Cilantro		28.83	49	283.81	A
Citrus		8.14	7	58.21	A
Clover		30.94	19	423.00	A
Collard		2.92	2	31.00	A
Corn (Forage - Fodder)		9,728.55	1,346	58,585.81	A
Corn, Grain		44.60	10	393.70	A
Corn, Human Consumption		341.67	125	1,462.70	A
Cotton		2,189.47	327	20,831.93	A
Cucumber		32.64	13	291.60	A
Date		23.20	3	28.10	A
Ditch Bank		66.79	30	86.10	A
Eggplant		6.76	3	73.50	A
Fig		17.21	3	103.00	A
Forage Hay/Silage		123.23	17	925.90	A
Garbanzo Bean		95.11	13	1,065.00	A
Garlic		82.14	15	1,124.10	A
Gourd		1.33	2	16.00	A
Grape		7,910.49	1,262	33,971.31	A
Grape, Wine		9,504.93	1,175	46,743.69	A
Grapefruit		101.77	48	605.60	A
Horseradish		6.96	1	70.00	A
Industrial Site		10.23	6	25.50	A
Kiwi		45.26	14	378.00	A
Landscape Maintenance		20.90			
Lemon		394.23	59	1,122.24	A
Lettuce, Head		198.52	108	3,209.24	A
Lettuce, Leaf		295.67	145	3,404.46	A
Melon		109.91	31	1,028.80	A
Mustard		0.74	2	7.40	A
N-Grnhs Flower		38.80	462	624.31	A
N-Outdr Flower		1.68	69	28.43	A
N-Outdr Plants In Containers		525.03	248	5,144.40	A
		16.17	3	78.00	U
Total Pounds On This Commodity	541.20				
N-Outdr Transplants		49.84	32	280.17	A
Nectarine		1,656.84	721	6,843.96	A
Oat		317.39	38	1,978.00	A
Oat (Forage - Fodder)		2,207.21	308	12,114.12	A
Olive		489.21	97	2,385.61	A
Onion, Dry		718.09	153	8,152.64	A
Onion, Green		874.57	64	403.77	A
Orange		2,560.36	842	15,661.37	A
Parsley		291.59	32	788.90	A
Pastureland		332.13	26	2,578.00	A
Peach		2,525.77	1,058	12,177.45	A
Pear		524.31	109	3,368.51	A
Pecan		31.40	8	123.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pepper, Fruiting		59.82	10	362.00	A
Persimmon		30.34	31	251.50	A
Pistachio		1,144.89	186	7,259.91	A
Plum		1,511.43	510	7,849.83	A
Pomegranate		59.12	14	323.27	A
Pomelo		15.23	12	140.00	A
Potato		69.15	25	1,540.50	A
Prune		1,600.34	187	6,221.36	A
Pumpkin		127.69	33	647.30	A
Quince		0.03	4	0.20	A
Radicchio		527.14	6	269.00	A
Radish		3.77	2	22.60	A
Rangeland		27.18	4	193.00	A
Raspberry		347.76	20	470.00	A
Regulatory Pest Control		0.58			
Research Commodity		3.31	1	10.00	A
Rice		856.83	143	10,711.06	A
Rights Of Way		2,515.79			
		79.65	23	468.40	A
Total Pounds On This Commodity	2,595.44				
Ryegrass		80.42	21	812.00	A
Safflower		85.08	10	1,023.90	A
Soil Fumigation/Preplant		35.77	11	436.10	A
Sorghum (Forage - Fodder)		6.97	2	210.00	A
Sorghum/Milo		29.46	4	201.00	A
Spinach		233.36	123	1,287.08	A
Squash		46.82	12	293.00	A
Squash, Summer		1.39	4	16.50	A
Squash, Winter		3.31	1	20.00	A
Strawberry		3,132.11	174	9,511.90	A
Structural Pest Control		57.92			
Sudangrass		56.16	20	733.60	A
Sugarbeet		155.68	53	3,563.09	A
Sunflower		468.53	108	6,697.20	A
Sweet Potato		14.05	6	212.00	A
Tangelo		67.23	50	593.40	A
Tangerine		529.82	217	3,808.73	A
Tomatillo		6.97	1	30.00	A
Tomato		1,365.14	109	6,373.06	A
		10.08	1	26,136.00	S
Total Pounds On This Commodity	1,375.21				
Tomato, Processing		4,192.44	431	28,619.33	A
Triticale		47.17	8	761.10	A
Turf/Sod		13.31	6	122.00	A
Turnip		3.58	2	36.00	A
Uncultivated Ag		756.97	172	9,993.89	A
Uncultivated Non-Ag		64.79	17	317.07	A
Unknown		0.74	3	2.00	A
Vegetable		53.03	2	80.00	A
Walnut		4,462.15	952	24,842.16	A
Watermelon		224.29	29	1,013.00	A
Wheat		2,253.17	357	20,421.80	A
Wheat (Forage - Fodder)		823.67	343	18,537.38	A
Chemical Total		101,008.25	17,436		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYETHYLENE GLYCOL DIACETATE					
Alfalfa		14.12	151	7,565.56	A
Almond		403.22	1,504	114,931.00	A
Apple		0.10	5	36.65	A
Artichoke, Globe		0.08	1	21.00	A
Avocado		0.31	2	235.00	A
Basil, Sweet		0.01	3	9.25	A
Bean, Dried		0.38	11	530.70	A
Bean, Succulent		0.11	6	199.49	A
Blackberry		0.02	1	1.00	A
Blueberry		0.26	7	93.00	A
Bok Choy		< 0.01	1	6.00	A
Broccoli		0.57	14	193.70	A
Cabbage		0.67	17	207.29	A
Cantaloupe		0.33	1	35.00	A
Carrot		0.87	11	160.90	A
Cauliflower		1.05	28	292.89	A
Celery		0.62	11	137.60	A
Cherry		6.51	73	1,545.00	A
Chestnut		0.08	2	15.00	A
Chinese Cabbage (Nappa)		0.02	1	30.00	A
Corn (Forage - Fodder)		1.11	22	993.57	A
Corn, Grain		0.09	1	90.60	A
Corn, Human Consumption		3.99	93	3,521.90	A
Cotton		5.77	1	101.80	A
Fennel		0.02	2	5.80	A
Garlic		0.31	6	360.70	A
Grape		11.24	99	4,179.93	A
Grape, Wine		254.04	2,569	62,243.84	A
Kale		0.07	2	15.00	A
Landscape Maintenance		0.63			
Lemon		0.16	2	20.00	A
Lettuce, Head		1.08	35	492.11	A
Lettuce, Leaf		1.27	43	456.30	A
N-Grnhs Flower		< 0.01	2	0.50	A
N-Grnhs Plants In Containers		0.02	3	54,800.00	S
N-Outdr Plants In Containers		0.48	35	259.55	A
		0.03	2	54,000.00	S
Total Pounds On This Commodity	0.51				
Nectarine		0.12	7	28.25	A
Olive		0.40	5	152.00	A
Onion, Dry		1.25	23	479.22	A
Onion, Green		0.19	15	74.00	A
Orange		2.06	10	155.75	A
Parsley		0.01	1	3.60	A
Peach		9.78	175	2,722.46	A
		0.08	2	36.90	U
Total Pounds On This Commodity	9.86				
Pecan		2.95	10	732.00	A
Pepper, Fruiting		3.77	55	1,698.70	A
Pistachio		3.57	18	674.00	A
Pomegranate		0.10	1	38.00	A
Potato		10.78	7	407.20	A
Prune		13.71	67	3,526.70	A
Pumpkin		0.05	5	154.00	A
Raspberry		0.10	1	5.00	A
Rice		0.07	4	341.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way		0.08			
Strawberry		8.44	54	871.00	A
Structural Pest Control		0.05			
Tangelo		0.58	3	60.00	A
Tomato		0.65	2	170.00	A
Tomato, Processing		1.67	78	3,175.70	A
Turf/Sod		0.08	1	10.00	A
Turnip		0.02	2	25.88	A
Uncultivated Ag		0.21	4	104.50	A
Walnut		163.04	1,168	33,185.72	A
Watermelon		0.04	1	10.00	A
Wheat		0.09	2	175.00	A
Chemical Total		933.61	6,488		
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY) DISILOXANYL)PROPYL)ETHER					
Alfalfa		237.15	66	5,705.70	A
Almond		1,797.15	440	24,992.12	A
Apple		59.95	24	175.25	A
Apricot		2.77	3	71.70	A
Avocado		645.36	94	1,752.13	A
Blackberry		19.87	12	76.20	A
Broccoli		8.19	6	153.85	A
Brussels Sprout		18.96	7	143.00	A
Cabbage		4.20	10	67.60	A
Carrot		70.62	42	1,105.20	A
Cauliflower		1.29	2	16.79	A
Celery		0.10	2	1.30	A
Cherry		224.97	31	616.50	A
Citrus		4.07	2	19.40	A
Collard		1.02	1	18.00	A
Commodity Fumigation		13.05			
		0.92	5	279,840.00	S
Total Pounds On This Commodity	13.97				
Corn (Forage - Fodder)		207.69	20	5,204.30	A
Corn, Human Consumption		17.86	91	3,103.00	A
Cotton		20.65	4	393.00	A
Cucumber		51.17	48	848.63	A
Eggplant		0.79	1	17.00	A
Endive (Escarole)		0.06	2	1.00	A
Garlic		203.87	8	631.00	A
Grape		8.29	7	134.30	A
Grape, Wine		3,553.61	809	16,926.14	A
Grapefruit		18.59	2	89.30	A
Landscape Maintenance		4.74			
Lemon		540.69	82	2,447.81	A
Lettuce, Head		50.42	29	355.06	A
Lettuce, Leaf		47.80	59	399.70	A
Melon		2.67	2	40.70	A
N-Grnhs Flower		271.63	1,235	1,375.65	A
		1.36	3	185,000.00	S
Total Pounds On This Commodity	272.98				
N-Grnhs Plants In Containers		55.01	172	5,996,414.00	S
		9.12	78	59.02	A
		0.07	1	0.50	U
Total Pounds On This Commodity	64.20				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Transplants		14.40	105	2,990,191.00	S
		11.82	92	122.18	A
Total Pounds On This Commodity	26.22				
N-Outdr Flower		250.87	1,240	4,878.42	A
N-Outdr Plants In Containers		230.27	793	904.86	A
		0.59	7	23,100.00	S
Total Pounds On This Commodity	230.86				
N-Outdr Transplants		54.39	404	637.32	A
		23.16	279	10,884,815.00	S
Total Pounds On This Commodity	77.55				
Nectarine		72.81	57	793.90	A
Onion, Dry		58.57	26	751.91	A
Orange		3,818.33	367	10,472.75	A
Peach		122.66	76	1,388.40	A
Pear		1,086.09	48	1,880.20	A
Plum		165.18	65	1,244.88	A
Pluot		11.32	14	332.84	A
Potato		1.01	3	224.00	A
Prune		380.07	58	1,884.60	A
Raspberry		201.83	89	1,276.93	A
Regulatory Pest Control		0.04			
Research Commodity		0.92			
Rice		4,035.38	398	29,057.07	A
Rights Of Way		263.92			
Spinach		11.96	24	100.70	A
Squash		15.89	3	113.00	A
Strawberry		3,636.86	754	17,323.13	A
Structural Pest Control		9.23	3	105.00	A
		0.55			
Total Pounds On This Commodity	9.78				
Sunflower		62.13	8	560.00	A
Tangelo		174.25	20	385.22	A
Tangerine		326.06	24	1,761.94	A
Tomato		419.15	30	3,250.00	A
Tomato, Processing		228.52	39	2,941.49	A
Turf/Sod		2.35	2	30.00	A
Walnut		2,995.52	232	11,737.18	A
Watermelon		63.01	11	575.50	A
Wheat		88.82	31	2,485.27	A
Chemical Total		27,013.66	8,702		
POLYETHYLENE GLYCOL OLEATE					
Alfalfa		196.96	52	2,380.00	A
Cherry		8.01	2	16.00	A
Corn (Forage - Fodder)		107.25	29	1,241.00	A
Cotton		38.06	6	355.00	A
Forage Hay/Silage		1.18	1	135.00	A
Landscape Maintenance		13.64			
		5.37	5	5.00	A
Total Pounds On This Commodity	19.00				
Mint		56.93	22	775.00	A
N-Outdr Plants In Containers		2.35	4	8.00	A
Rights Of Way		2.40			
Strawberry		428.66	50	1,175.40	A
Timothy		17.46	1	130.00	A
Walnut		39.55	2	77.10	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	917.81	174		
POLYHEDRAL OCCLUSION BODIES (OB'S) OF THE NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA (CORN EARWORM)				
Cotton	1.09	1	230.00	A
Tomato, Processing	0.07	2	24.00	A
Chemical Total	1.16	3		
POLY-I-PARA-MENTHENE				
Alfalfa	1,045.66	108	4,976.38	A
Almond	8,937.68	393	31,569.65	A
Apple	993.79	91	1,807.40	A
Apricot	359.49	42	840.49	A
Arrugula	3.02	3	12.74	A
Artichoke, Globe	2,857.06	164	7,883.90	A
Asian Pear	1.67	5	9.00	A
Avocado	4.28	1	3.00	A
Basil, Sweet	1.63	5	9.14	A
Bean, Dried	129.34	15	754.59	A
Bean, Succulent	181.87	5	339.00	A
Beet	62.22	162	319.76	A
Blackberry	77.57	117	229.37	A
Blueberry	10.71	3	45.00	A
Bok Choy	37.89	144	288.44	A
Broccoli	161.37	25	630.36	A
Cabbage	213.12	446	1,295.07	A
Cantaloupe	92.78	8	482.00	A
Carrot	393.13	54	2,038.09	A
Cauliflower	6.26	9	24.00	A
Celeriac	9.97	40	55.71	A
Celery	130.62	60	483.39	A
Cherry	1,579.17	194	3,865.90	A
Chinese Cabbage (Nappa)	51.84	186	262.20	A
Cilantro	0.82	3	4.58	A
Collard	124.20	243	565.05	A
Corn (Forage - Fodder)	32.66	3	161.50	A
Corn, Human Consumption	16.28	3	103.50	A
Daikon	2.44	17	13.61	A
Dandelion Green	0.14	1	0.77	A
Dill	0.67	4	3.75	A
Endive (Escarole)	92.06	72	370.24	A
Fennel	12.80	8	38.82	A
Forest, Timberland	27.89	3	93.00	A
Garbanzo Bean	262.95	9	875.00	A
Garlic	4.11	1	17.20	A
Grape	1,350.40	237	6,380.78	A
Grape, Wine	4,626.89	1,216	28,940.48	A
Grapefruit	10.29	2	22.00	A
Herb, Spice	3.21	8	9.00	U
Kale	54.12	123	279.03	A
Kiwi	1,476.91	2	40.00	A
Kohlrabi	11.16	63	51.95	A
Landscape Maintenance	45.36			
Leek	29.39	108	164.49	A
Lemon	7.01	1	15.00	A
Lettuce, Head	2,907.28	491	11,501.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		1,767.38	967	7,597.13	A
Melon		24.08	8	113.00	A
Mint		0.40	2	2.24	A
Mizuna		2.00	3	8.47	A
Mustard		67.51	152	303.77	A
N-Grnhs Flower		1.37	10	8.45	A
N-Grnhs Plants In Containers		43.27	76	95.93	A
N-Grnhs Transplants		31.76	98	95.79	A
N-Outdr Flower		3.66	12	13.00	A
N-Outdr Plants In Containers		161.14	98	249.95	A
		0.82	2	16.00	U
Total Pounds On This Commodity	161.95				
N-Outdr Transplants		84.17	141	12,320,400.00	S
		30.27	152	114.94	A
Total Pounds On This Commodity	114.44				
Nectarine		3,254.98	443	7,081.77	A
Oat (Forage - Fodder)		365.20	2	245.00	A
Olive		8.07	1	34.00	A
		0.65	2	140.00	U
Total Pounds On This Commodity	8.72				
Onion, Dry		2,930.03	141	10,179.74	A
Onion, Green		111.85	10	442.40	A
Orange		2,211.98	145	2,870.78	A
Parsley		78.47	195	409.45	A
Peach		1,995.57	441	5,230.95	A
Pear		1,334.16	74	3,532.30	A
Pepper, Fruiting		1,307.93	117	4,989.95	A
Pistachio		233.19	19	918.80	A
Plum		132.00	63	463.95	A
Pluot		4.26	4	6.00	A
Potato		1,974.96	156	9,450.90	A
Prune		282.77	24	766.01	A
Pumpkin		8.02	3	17.00	A
Radicchio		57.47	4	3.19	A
Radish		7.12	30	11.16	A
Raspberry		136.02	90	343.00	A
Rice		675.37	9	779.00	A
Rights Of Way		53.39	6	43.00	A
		1.75			
Total Pounds On This Commodity	55.14				
Safflower		106.21	6	270.00	A
Spinach		60.75	46	208.35	A
Squash		6.49	7	30.00	A
Stone Fruit		18.58	12	67.00	A
Strawberry		11,052.87	992	31,249.32	A
Sugarbeet		114.19	8	518.00	A
Sunflower		103.38	3	366.00	A
Swiss Chard		48.49	187	337.83	A
Tangelo		28.07	4	48.00	A
Tangerine		129.02	15	277.93	A
Tomato		5,849.58	225	15,968.90	A
Tomato, Processing		829.49	52	3,488.37	A
Triticale		178.20	8	389.00	A
Turnip		14.37	55	67.93	A
Uncultivated Ag		103.29	4	275.00	A
Uncultivated Non-Ag		9.52		10.00	A
Unknown		58.53	6	170.80	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Walnut	4,954.10	395	11,536.48	A
Watermelon	144.66	30	690.77	A
Wheat	296.79	7	782.00	A
Wheat (Forage - Fodder)	7.08	1	38.00	A
Chemical Total	71,937.90	10,661		
POLYMERIZED ACRYLIC ACID				
Almond	270.58	95	3,546.78	A
Corn (Forage - Fodder)	16.28	10	522.40	A
Cotton	2.02	4	85.70	A
Grape, Wine	27.26	71	1,376.70	A
Landscape Maintenance	10.25			
N-Grnhs Flower	2.83	2	4.90	A
N-Outdr Plants In Containers	0.77	2	1.70	A
Onion, Dry	0.35	1	4.00	A
Peach	0.42	1	16.00	A
Pear	0.31	1	8.63	A
Strawberry	91.27	15	456.00	A
Structural Pest Control	3.73	2	61.29	A
Tomato, Processing	0.17	1	7.00	A
Uncultivated Ag	27.58	7	2,339.00	A
Uncultivated Non-Ag	2.14	2	17.47	A
Walnut	30.32	32	554.98	A
Chemical Total	486.27	246		
POLYMERIZED PINENE				
Alfalfa	38.97	2	57.00	A
Almond	214.09	8	316.00	A
Bean, Dried	14.43	1	75.00	A
Blueberry	307.78	2	159.50	A
Cherry	979.36	11	553.80	A
Citrus	29.83	3	27.00	A
Grape	226.10	14	125.07	A
Grape, Wine	375.80	12	1,568.00	A
Grapefruit	261.73	15	253.29	A
Landscape Maintenance	14.43			
Lemon	778.92	37	717.00	A
Olive	494.69	2	92.00	A
Onion, Dry	35.81	5	149.00	A
Orange	12,279.69	426	10,541.81	A
Persimmon	21.74	2	20.00	A
Pistachio	375.30	4	495.00	A
Plum	96.84	7	94.30	A
Pomegranate	19.24	1	20.00	A
Pomelo	6.24	3	6.50	A
Prune	42.72	1	37.00	A
Rice	6,000.53	66	6,653.39	A
Rights Of Way	2,006.22			
Structural Pest Control	0.12			
Tangelo	31.25	3	30.00	A
Tangerine	556.13	37	501.58	A
Tomato	7.51	2	46.00	A
Uncultivated Ag	19.24	1	20.00	A
Walnut	25.69	2	45.00	A
Chemical Total	25,260.44	667		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYOXIN D					
Landscape Maintenance		327.00			
		3.30	6	112.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		8.64	61	182.34	A
		0.14	5	226,542.00	S
Total Pounds On This Commodity	8.78				
N-Grnhs Plants In Containers		0.90	17	1,185,040.00	S
		0.01	1	1.50	A
Total Pounds On This Commodity	0.91				
N-Outdr Flower		30.32	171	792.50	A
N-Outdr Plants In Containers		5.98	37	128.89	A
		0.02	6	14,625.00	S
		< 0.01	1	100.00	U
Total Pounds On This Commodity	6.00				
N-Outdr Transplants		0.20	4	7.50	A
Structural Pest Control		1.65			
Turf/Sod		8.66	5	33.15	A
		1.65	2	280,000.00	S
Total Pounds On This Commodity	10.31				
Chemical Total		388.47	316		
POLY(OXYETHYLENE) (DIMETHYLIMINO) ETHYLENE (DIMETHYLIMINO) ETHYLENE DICHLORIDE					
Landscape Maintenance		1,435.32			
N-Grnhs Plants In Containers		0.13	1	1.00	A
N-Outdr Flower		0.67	1	1.00	A
N-Outdr Plants In Containers		16.56	5	9.50	A
Parsley		0.50	1	7.00	A
Rights Of Way		2.16			
Structural Pest Control		0.07			
Unknown		269.30		8.00	U
		1.29	1	20.00	A
Total Pounds On This Commodity	270.59				
Water (Industrlial)		1,858.26		29.00	U
		568.51	1	17.00	A
Total Pounds On This Commodity	2,426.77				
Water Area		1.26	1	6.00	A
Chemical Total		4,154.01	11		
POLYOXYETHYLENE DIOLEATE					
Alfalfa		3.70	92	4,825.10	A
Almond		6.84	55	3,911.86	A
Bean, Succulent		0.01	2	11.10	A
Bok Choy		< 0.01	1	1.00	A
Broccoli		0.32	11	542.00	A
Cabbage		0.14	8	209.50	A
Cantaloupe		0.07	4	138.00	A
Cauliflower		< 0.01	1	10.00	A
Celery		0.52	26	224.40	A
Cherry		0.03	1	22.50	A
Corn (Forage - Fodder)		0.02	2	42.94	A
Cotton		0.04	5	110.20	A
Eggplant		0.13	6	140.00	A
Forest, Timberland		0.04	1	196.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Garbanzo Bean		0.37	1	72.00	A
Grape		0.64	14	568.72	A
Grape, Wine		1.04	26	850.29	A
Landscape Maintenance		16.09			
		0.05	1	57.00	A
Total Pounds On This Commodity	16.14				
Lettuce, Head		1.67	90	2,836.60	A
Lettuce, Leaf		0.47	31	751.50	A
N-Outdr Flower		< 0.01	1	16.00	A
N-Outdr Plants In Containers		0.26	8	183.50	A
Olive		0.01	2	12.50	A
Onion, Dry		0.10	9	256.00	A
Onion, Green		0.02	1	20.00	A
Pear		0.03	4	96.10	A
Pepper, Fruiting		0.36	18	534.00	A
Pistachio		0.39	5	185.29	A
Pomegranate		0.09	3	65.88	A
Prune		0.20	4	105.00	A
Regulatory Pest Control		17.49		323.60	A
		6.51			
Total Pounds On This Commodity	24.01				
Rice		0.10	5	381.70	A
Rights Of Way		347.90			
		0.81	5	44.00	A
Total Pounds On This Commodity	348.70				
Soil Fumigation/Preplant		8.44	9	379.00	A
Squash, Winter		0.03	1	28.00	A
Structural Pest Control		0.53			
Swiss Chard		< 0.01	2	25.40	A
Tomato, Processing		1.94	17	2,067.33	A
Turnip		0.04	2	56.00	A
Uncultivated Ag		2.24	10	89.75	A
Uncultivated Non-Ag		4.95	1	60.00	A
Walnut		0.36	10	195.50	A
Watermelon		0.02	1	40.00	A
Wheat		0.02	1	67.00	A
Chemical Total		425.03	497		
POLYOXYETHYLENE MIXED FATTY ACID ESTER					
Alfalfa		488.27	51	2,718.10	A
Almond		179.97	5	1,282.77	A
Bermudagrass		62.29	8	406.00	A
Broccoli		15.15	2	74.00	A
Carrot		8.98	1	36.00	A
Corn (Forage - Fodder)		21.77	1	155.18	A
Corn, Human Consumption		28.06	1	99.00	A
Lettuce, Head		16.83	1	70.00	A
Onion, Dry		11.22	2	65.00	A
Sugarbeet		56.11	10	360.00	A
Uncultivated Ag		11.22	1	25.00	A
Wheat		14.59	3	135.00	A
Chemical Total		914.47	86		
POLYOXYETHYLENE POLYOXYPROPYLENE					
Alfalfa		67.24	31	2,011.85	A
Almond		10,215.34	1,164	80,302.61	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple		782.64	122	2,881.21	A
Apricot		9.74	2	68.10	A
Arrugula		0.43	5	17.15	A
Artichoke, Globe		260.41	354	4,767.27	A
Asparagus		95.68	150	2,706.19	A
Avocado		132.48	97	2,245.30	A
Bean, Dried		152.91	15	978.60	A
Bean, Succulent		28.53	37	485.45	A
Blackberry		31.45	25	189.00	A
Blueberry		142.39	10	704.00	A
Bok Choy		4.01	46	88.71	A
Broccoli		810.15	1,352	16,539.59	A
Brussels Sprout		52.56	166	1,843.11	A
Cabbage		44.59	115	1,172.13	A
Cactus Pear		13.20	20	401.60	A
Carrot		5.95	19	310.70	A
Cauliflower		136.95	280	2,507.56	A
Celeriac		1.10	5	24.60	A
Celery		215.63	505	4,073.51	A
Cherry		353.46	128	4,279.28	A
Chicory		0.90	1	13.70	A
Chinese Cabbage (Nappa)		19.86	69	502.53	A
Christmas Tree		0.35	1	7.00	A
Cilantro		0.76	2	23.00	A
Corn (Forage - Fodder)		707.37	177	6,782.25	A
Corn, Grain		57.67	5	339.70	A
Corn, Human Consumption		17.11	26	899.40	A
Cotton		13.52	8	649.90	A
Cucumber		61.87	102	1,126.50	A
Date		27.14	6	260.00	A
Ditch Bank		0.85	3	4.00	A
Eggplant		7.35	12	140.00	A
Endive (Escarole)		5.81	63	175.69	A
Fava Bean		1.90	10	48.00	A
Fennel		3.34	12	101.70	A
Garbanzo Bean		1.05	2	160.00	A
Garlic		58.79	84	2,452.90	A
Grape		2,541.03	810	34,046.62	A
Grape, Wine		6,016.59	1,598	100,646.54	A
Greenhouse Fumigation		0.54	8	15.00	A
		< 0.01	1	768.00	S
Total Pounds On This Commodity	0.55				
Herb, Spice		0.03	2	0.75	A
Kale		0.96	4	21.50	A
Landscape Maintenance		20.55			
Leek		2.08	15	63.29	A
Lemon		113.65	50	1,310.57	A
Lettuce, Head		1,189.93	3,007	31,238.06	A
Lettuce, Leaf		1,335.54	3,354	37,589.97	A
Melon		14.22	11	192.50	A
Mint		312.71	48	2,970.00	A
Mizuna		1.26	7	58.69	A
N-Grnhs Flower		108.57	869	1,191.73	A
N-Grnhs Plants In Containers		78.89	219	427.91	A
		0.03	1	9,000.00	S
Total Pounds On This Commodity	78.92				
N-Grnhs Transplants		3.50	31	46.15	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Flower		17.54	78	243.37	A
N-Outdr Plants In Containers		215.04	554	2,955.70	A
N-Outdr Transplants		41.38	74	1,091.75	A
Nectarine		2.89	5	49.00	A
Oat		7.19	3	273.00	A
Olive		0.02	1	1.00	A
Onion, Dry		512.97	264	8,831.80	A
Onion, Green		4.48	24	151.50	A
Orange		367.68	148	4,783.16	A
Parsley		1.58	5	45.20	A
Pastureland		4.13	4	73.00	A
Peach		1,179.46	236	5,532.72	A
Pear		91.22	61	2,052.00	A
Peas		32.60	152	1,644.90	A
Pepper, Fruiting		352.96	315	6,866.30	A
Pepper, Spice		4.61	6	116.70	A
Pimento		0.23	1	14.00	A
Pistachio		644.27	115	10,543.50	A
Plum		139.86	2	127.00	A
Pomegranate		3.95	1	40.00	A
Potato		168.83	36	1,876.00	A
Prune		176.75	31	1,331.15	A
Pumpkin		18.90	6	197.80	A
Radicchio		1.01	2	15.40	A
Rappini		77.00	131	2,493.33	A
Raspberry		481.28	98	2,471.66	A
Regulatory Pest Control		0.03			
Research Commodity		7.84	8	58.19	A
Rice		1,522.59	154	9,445.56	A
Rights Of Way		3.32	15	29.50	A
		2.59			
Total Pounds On This Commodity	5.92				
Rye		0.08	1	5.00	A
Soil Fumigation/Preplant		42.94	5	221.00	A
Spinach		3.55	20	213.30	A
Squash		8.98	14	150.00	A
Squash, Summer		5.03	12	93.30	A
Strawberry		425,938.80	2,446	73,527.88	A
Sugarbeet		1.69	2	153.00	A
Sunflower		6.65	2	98.00	A
Swiss Chard		1.20	8	60.02	A
Tangelo		20.21	11	286.51	A
Tangerine		19.11	13	347.60	A
Tomato		275.89	189	5,748.88	A
Tomato, Processing		1,185.09	468	44,341.10	A
Turf/Sod		0.10	1	0.75	A
Uncultivated Ag		13.98	25	229.85	A
Uncultivated Non-Ag		2.29	11	66.00	A
Vertebrate Control		65.28	42	1,535.85	A
Walnut		2,678.85	404	16,378.15	A
Watermelon		81.30	13	597.00	A
Chemical Total		462,717.77	21,483		
POLY(OXYETHYLENE) POLY(OXYPROPYLENE) GLYCOL MONOALLYL ETHER					
Almond		745.36	117	7,154.70	A
Apple		26.69	17	156.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Broccoli		1.56	1	49.00	A
Cherry		76.63	25	662.00	A
Corn (Forage - Fodder)		57.86	31	982.70	A
Corn, Human Consumption		11.68	4	123.00	A
Grape		26.15	5	209.00	A
Grape, Wine		270.34	25	2,530.50	A
Greenhouse Fumigation		0.12	3	1.50	A
N-Grnhs Plants In Containers		0.05	6	6.00	A
N-Outdr Plants In Containers		14.09	2	33.50	U
		2.10	1	5.00	A
Total Pounds On This Commodity	16.20				
N-Outdr Transplants		42.13	44	1,602.47	A
Pastureland		6.86	2	29.00	A
Peach		80.56	44	607.54	A
Pepper, Fruiting		0.34	1	14.00	A
Prune		0.63	1	5.00	A
Strawberry		1.26	4	260.00	A
Sweet Potato		1.99	3	50.00	A
Tomato, Processing		7.02	12	152.00	A
Walnut		335.01	51	1,436.03	A
Chemical Total		1,708.44	399		
POLYOXYETHYLENE POLYOXYPROPYLENE MONOBUTYL ETHER					
Lettuce, Leaf		0.49	1	3.50	A
Strawberry		155.93	7	198.60	A
Chemical Total		156.41	8		
POLYOXYETHYLENE SORBITOL, MIXED ETHER ESTER					
Alfalfa		31,105.49	469	35,325.98	A
Almond		1,344.17	246	12,651.46	A
Apple		0.95	1	3.00	A
Artichoke, Globe		8.71	2	9.50	A
Bean, Dried		73.41	5	238.00	A
Bermudagrass		600.54	5	422.00	A
Blueberry		82.19	17	50.50	A
Broccoli		1,222.59	24	1,045.40	A
Cabbage		45.37	2	36.50	A
Cantaloupe		1,006.48	13	876.00	A
Carrot		3,859.73	88	4,403.77	A
Cauliflower		343.89	9	268.20	A
Celery		835.66	115	968.61	A
Cherry		61.10	9	72.30	A
Corn (Forage - Fodder)		2,195.69	31	2,482.22	A
Corn, Human Consumption		26,890.52	421	25,925.29	A
Cotton		1,133.96	106	7,093.10	A
Fennel		1.33	2	2.00	A
Grape		165.12	57	1,261.08	A
Grape, Wine		916.31	346	6,269.72	A
Kiwi		2.38	1	19.20	A
Landscape Maintenance		23.88			
Lettuce, Head		1,164.93	34	1,127.50	A
Lettuce, Leaf		992.63	29	910.80	A
Melon		182.26	8	241.75	A
N-Grnhs Plants In Containers		7.98	63	3,150,000.00	S
N-Outdr Plants In Containers		0.79	2	10.00	A
Onion, Dry		8,129.33	96	6,662.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange		9.07	1	14.00	A
Parsley		105.87	1	70.00	A
Pastureland		37.08	2	24.50	A
Persimmon		17.01	8	80.00	A
Pistachio		4,536.51	77	4,186.64	A
Prune		552.38	22	830.26	A
Pumpkin		21.78	1	12.00	A
Rice		18,358.28	791	59,075.92	A
Rights Of Way		4,481.96			
		69.63	3	65.00	A
Total Pounds On This Commodity	4,551.60				
Rye		31.76	2	35.00	A
Soil Fumigation/Preplant		3.15	1	50.00	A
Spinach		24.20	1	32.00	A
Structural Pest Control		0.04			
Sudangrass		1,394.45	15	1,000.00	A
Sugarbeet		9,177.76	162	11,763.49	A
Sugarcane		151.24	2	96.00	A
Sunflower		109.11	11	440.50	A
Tomato, Processing		261.65	31	1,304.71	A
Uncultivated Ag		3,270.78	183	3,491.08	A
Uncultivated Non-Ag		257.05	10	169.37	A
Unknown		49.72	23	196.01	A
Walnut		372.13	44	1,048.87	A
Watermelon		28.52	2	119.90	A
Wheat		11,392.05	113	8,721.66	A
Chemical Total		137,110.59	3,707		
POLYOXYETHYLENE SORBITAN MIXED FATTY ACID ESTERS					
Alfalfa		799.83	135	8,069.10	A
Almond		4,381.48	400	35,771.81	A
Apple		8.23	2	28.00	A
Apricot		1.88	1	14.05	A
Bean, Dried		56.86	14	744.00	A
Bean, Unspecified		10.30	5	48.50	A
Bermudagrass		1.87	1	10.00	A
Blackberry		0.70	1	12.00	A
Blueberry		0.97	6	40.42	A
Broccoli		4.13	2	20.46	A
Cherry		462.97	33	968.75	A
Citrus		3.20	3	54.00	A
Corn (Forage - Fodder)		88.61	26	1,454.00	A
Corn, Human Consumption		44.91	12	328.70	A
Cotton		963.13	151	8,216.00	A
Garlic		3.20	1	30.00	A
Grape		1,603.39	158	7,281.06	A
Grape, Wine		431.95	193	5,265.76	A
Grapefruit		50.86	40	658.20	A
Kiwi		0.64	1	6.00	A
Landscape Maintenance		24.51			
Lemon		157.75	91	2,178.20	A
N-Outdr Plants In Containers		3.20	6	9.45	A
Nectarine		34.96	11	124.00	A
Olive		10.00	2	80.00	A
Onion, Dry		58.04	4	235.20	A
Orange		949.48	357	13,336.03	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach	175.84	32	529.48	A
Pecan	3.29	2	23.33	A
Persimmon	0.11	1	5.00	A
Pistachio	248.05	96	4,046.84	A
Plum	306.09	29	744.73	A
Pomelo	2.20	4	31.00	A
Prune	321.89	34	1,150.00	A
Raspberry	2.83	5	48.50	A
Rice	1,611.86	126	8,590.10	A
Rights Of Way	223.01			
Soil Fumigation/Preplant	8.80	1	164.00	A
Sorghum/Milo	1.07	1	80.00	A
Spinach	13.33	1	50.00	A
Structural Pest Control	1.67			
Tangelo	75.91	19	1,069.40	A
Tangerine	91.84	71	1,259.50	A
Tomato, Processing	67.61	4	351.00	A
Uncultivated Ag	3.51	2	150.00	A
Uncultivated Non-Ag	5.62	1	60.00	A
Walnut	100.75	31	962.00	A
Chemical Total	13,422.30	2,116		
POLYOXYETHYLENE SORBITAN MONOOLEATE				
Alfalfa	305.31	496	25,888.59	A
Almond	667.72	757	44,039.50	A
Avocado	1.06	26	1,341.00	A
Barley	0.89	3	94.60	A
Bean, Dried	2.20	6	331.60	A
Bean, Succulent	0.13	1	7.00	A
Cantaloupe	0.14	2	38.00	A
Carrot	1.31	1	70.00	A
Celery	1.12	2	40.00	A
Cherry	63.67	54	958.61	A
Corn (Forage - Fodder)	91.92	200	11,969.12	A
Corn, Grain	8.44	27	1,008.00	A
Corn, Human Consumption	0.74	1	147.60	A
Cotton	169.75	220	19,720.90	A
Cotton (Forage - Fodder)	0.41	2	110.70	A
Ditch Bank	0.15	1	2.00	A
Fig	6.05	6	640.00	A
Forage Hay/Silage	0.30	2	56.70	A
Gai Lon	2.88	7	143.00	A
Grape	233.49	844	48,502.76	A
Grape, Wine	47.64	79	5,230.86	A
Grapefruit	1.55	8	70.30	A
Grass, Seed	0.64	3	177.00	A
Kiwi	1.00	2	62.00	A
Landscape Maintenance	16.04			
Lemon	3.23	39	1,124.50	A
Mustard	0.05	1	13.00	A
N-Outdr Plants In Containers	0.10	3	13.50	A
N-Outdr Transplants	1.87	4	29.00	A
Nectarine	3.90	10	61.00	A
Oat (Forage - Fodder)	0.03	1	3.00	A
Olive	1.26	4	57.00	A
Onion, Dry	5.32	7	281.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange		23.51	79	2,333.40	A
Pastureland		1.99	3	206.50	A
Peach		24.80	58	1,006.09	A
Pear		10.02	48	389.50	A
Persimmon		0.11	1	10.00	A
Pistachio		253.08	391	21,453.60	A
Plum		23.16	32	351.00	A
Pomegranate		2.72	9	296.00	A
Prune		86.79	95	3,365.90	A
Rangeland		0.54		28.00	A
Regulatory Pest Control		39.50			
		9.36		422.04	A
Total Pounds On This Commodity	48.86				
Rice		476.26	282	19,575.25	A
Rights Of Way		348.38			
		3.27	14	193.50	A
Total Pounds On This Commodity	351.65				
Ryegrass		3.18	3	190.00	A
Soil Fumigation/Preplant		0.31	2	17.50	A
Structural Pest Control		0.16			
Sudangrass		0.60	1	59.00	A
Sugarbeet		3.29	3	297.50	A
Sunflower		1.59	2	66.00	A
Tangelo		3.61	20	370.30	A
Tangerine		5.87	48	1,191.77	A
Tomato		3.27	5	164.00	A
Tomato, Processing		18.42	32	1,919.45	A
Triticale		0.06	1	30.00	A
Uncultivated Ag		9.06	23	698.10	A
Uncultivated Non-Ag		1.49	2	68.00	A
Vertebrate Control		21.15			
Walnut		121.20	248	7,973.76	A
Water Area		4.58		92.81	A
Wheat		13.46	16	2,877.79	A
Wheat (Forage - Fodder)		1.23	4	251.80	A
Chemical Total		3,156.34	4,241		
POLYOXYETHYLENE SORBITAN TRIOLEATE					
Alfalfa		2,059.80	558	30,220.59	A
Almond		4,716.78	777	45,392.20	A
Avocado		7.01	26	1,341.00	A
Barley		5.82	3	94.60	A
Bean, Dried		14.45	6	331.60	A
Bean, Succulent		0.86	1	7.00	A
Bermudagrass		6.94	2	265.00	A
Cantaloupe		0.93	2	38.00	A
Carrot		27.72	9	388.00	A
Celery		7.38	2	40.00	A
Cherry		419.17	54	958.61	A
Corn (Forage - Fodder)		645.60	214	12,876.82	A
Corn, Grain		55.51	27	1,008.00	A
Corn, Human Consumption		4.84	1	147.60	A
Cotton		1,122.60	225	20,393.90	A
Cotton (Forage - Fodder)		2.73	2	110.70	A
Ditch Bank		0.98	1	2.00	A
Fig		39.78	6	640.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Forage Hay/Silage		1.95	2	56.70	A
Gai Lon		18.95	7	143.00	A
Grape		1,537.15	844	48,502.76	A
Grape, Wine		314.52	80	5,385.86	A
Grapefruit		10.22	8	70.30	A
Grass, Seed		4.18	3	177.00	A
Kiwi		6.61	2	62.00	A
Landscape Maintenance		76.02			
Lemon		21.28	39	1,124.50	A
Mustard		0.32	1	13.00	A
N-Outdr Plants In Containers		0.63	3	13.50	A
N-Outdr Transplants		12.30	4	29.00	A
Nectarine		87.28	29	399.68	A
Oat (Forage - Fodder)		1.99	2	30.00	A
Olive		8.32	4	57.00	A
Onion, Dry		47.98	27	502.00	A
Orange		159.31	81	2,358.40	A
Pastureland		13.11	3	206.50	A
Peach		245.34	87	1,465.84	A
Pear		65.95	48	389.50	A
Pepper, Fruiting		0.87	1	52.00	A
Persimmon		0.74	1	10.00	A
Pistachio		1,665.68	391	21,453.60	A
Plum		240.75	64	809.80	A
Pomegranate		17.91	9	296.00	A
Prune		601.75	100	3,473.34	A
Rangeland		3.53		28.00	A
Regulatory Pest Control		247.81			
		28.73		98.44	A
Total Pounds On This Commodity	276.54				
Rice		3,135.35	282	19,575.25	A
Rights Of Way		1,701.36			
		20.08	13	188.50	A
Total Pounds On This Commodity	1,721.43				
Ryegrass		20.91	3	190.00	A
Soil Fumigation/Preplant		2.03	2	17.50	A
Structural Pest Control		0.06			
Sudangrass		3.94	1	59.00	A
Sugarbeet		22.85	6	445.50	A
Sunflower		10.48	2	66.00	A
Tangelo		23.77	20	370.30	A
Tangerine		38.66	48	1,191.77	A
Tomato		26.50	8	526.00	A
Tomato, Processing		124.60	37	2,536.95	A
Triticale		0.39	1	30.00	A
Uncultivated Ag		59.66	23	698.10	A
Uncultivated Non-Ag		0.55	2	18.00	A
Vertebrate Control		139.26			
Walnut		818.64	258	8,534.74	A
Water Area		31.57	1	95.81	A
Wheat		88.53	16	2,877.79	A
Wheat (Forage - Fodder)		8.10	4	251.80	A
Chemical Total		20,857.43	4,483		
POLYOXYETHYLENE SOYBEAN OIL FATTY ACID ESTER					
Alfalfa		1,601.75	54	2,732.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond		12,878.39	254	10,253.43	A
Apple		0.06	2	0.70	A
Bean, Dried		325.27	17	1,009.00	A
Bean, Succulent		152.01	11	524.00	A
Cantaloupe		103.73	5	335.00	A
Cherry		1,229.94	10	423.98	A
Chestnut		1.72	1	7.50	A
Corn (Forage - Fodder)		1,087.44	63	2,664.26	A
Cotton		255.05	23	675.74	A
Fig		46.12	2	90.00	A
Grape		5.51	2	77.50	A
Grape, Wine		66.48	4	122.50	A
Landscape Maintenance		6.15			
Oat (Forage - Fodder)		13.90	5	121.00	A
Olive		265.14	2	115.00	A
Peach		127.80	23	154.76	A
Pistachio		346.58	9	391.03	A
Pomegranate		43.04	2	70.00	A
Prune		712.02	15	827.00	A
Rice		3,965.07	196	15,220.85	A
		280.38	9	915.98	U
Total Pounds On This Commodity	4,245.46				
Rights Of Way		245.95			
Strawberry		125.68	1	327.00	A
Sunflower		247.79	9	653.50	A
Tomato		15.13	1	70.00	A
Tomato, Processing		83.56	5	293.00	A
Uncultivated Ag		163.62	14	709.00	A
Walnut		1,880.77	74	1,923.31	A
Wheat (Forage - Fodder)		4.49	2	116.20	A
Chemical Total		26,280.54	815		
POLYPROPYLENE GLYCOL					
Alfalfa		1.84	1	79.00	A
Almond		0.09	1	85.00	A
Grape, Wine		0.68	27	498.28	A
Landscape Maintenance		0.17			
Olive		0.06	3	37.00	A
Peach		0.07	4	72.50	A
Plum		0.03	1	19.00	A
Rights Of Way		0.07			
Strawberry		20.12	73	3,144.10	A
Uncultivated Ag		0.02	1	5.00	A
Walnut		28.74	341	8,400.00	A
Chemical Total		51.88	452		
POLYSACCHARIDE POLYMER					
Airport		0.28	2	150.00	A
Alfalfa		9.93	154	12,418.17	A
Almond		13.72	94	7,126.88	A
Asparagus		1.87	57	1,032.18	A
Barley		0.26	13	411.00	A
Bean, Dried		0.59	12	583.00	A
Bermudagrass		0.45	6	444.50	A
Blueberry		0.60	2	159.00	A
Broccoli		0.11	1	14.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cantaloupe	< 0.01	1	0.75	A
Carrot	0.96	10	525.80	A
Cauliflower	0.67	15	89.00	A
Celery	0.30	9	67.90	A
Cherry	0.33	15	77.50	A
Corn (Forage - Fodder)	2.38	56	3,830.60	A
Corn, Human Consumption	0.05	1	55.00	A
Cotton	19.10	264	56,952.50	A
Cucumber	0.03	1	7.50	A
Fennel	0.02	1	3.20	A
Forage Hay/Silage	0.84	5	430.00	A
Grape	1.86	49	1,031.93	A
Grape, Wine	2.73	28	1,112.27	A
Kiwi	0.06	1	19.20	A
Landscape Maintenance	0.26			
Lettuce, Head	0.06	1	30.00	A
Lettuce, Leaf	< 0.01	1	4.00	A
N-Outdr Plants In Containers	0.67	23	403.00	A
Oat	2.08	44	2,556.30	A
Oat (Forage - Fodder)	1.26	16	928.90	A
Okra	< 0.01	1	7.00	A
Olive	0.02	1	80.00	A
Onion, Dry	0.45	16	741.00	A
Orange	0.14	2	74.50	A
Pastureland	0.26	5	350.00	A
Pepper, Fruiting	2.10	23	473.10	A
Potato	0.24	4	226.80	A
Pumpkin	< 0.01	1	0.50	A
Rangeland	4.10	8	1,590.00	A
Regulatory Pest Control	< 0.01			
Rights Of Way	14.04			
Rye	0.12	3	67.00	A
Ryegrass	0.06	2	23.40	A
Safflower	1.62	17	5,104.00	A
Soil Fumigation/Preplant	0.29	3	328.00	A
Sorghum/Milo	0.06	1	30.00	A
Squash	0.05	1	13.00	A
Strawberry	0.15	1	40.00	A
Sunflower	0.20	7	346.00	A
Tomato, Processing	0.78	19	2,166.60	A
Turf/Sod	1.28	30	733.12	A
Uncultivated Ag	12.05	172	38,083.10	A
Uncultivated Non-Ag	0.11	1	50.00	A
Walnut	1.21	12	312.00	A
Watermelon	0.12	2	80.75	A
Wheat	14.14	229	18,281.83	A
Wheat (Forage - Fodder)	1.19	35	2,055.30	A
Chemical Total	116.25	1,478		
POLYSILOXANE				
Alfalfa	164.76	240	11,733.70	A
Almond	53.15	83	3,672.85	A
Asparagus	< 0.01	1	1.00	A
Barley	29.97	21	1,230.60	A
Bean, Dried	4.58	7	239.00	A
Bean, Unspecified	0.10	5	177.98	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bok Choy		0.02	9	28.00	A
Broccoli		2.87	340	3,426.59	A
Cabbage		0.33	41	438.08	A
Cantaloupe		0.66	2	38.00	A
Cauliflower		0.12	13	121.40	A
Celery		1.04	65	1,547.91	A
Cherry		0.16	2	60.50	A
Chinese Cabbage (Nappa)		0.08	16	51.10	A
Cilantro		< 0.01	1	2.00	A
Corn (Forage - Fodder)		173.60	167	8,739.89	A
Corn, Grain		107.18	27	1,166.40	A
Corn, Human Consumption		28.71	256	8,649.20	A
Cotton		230.87	200	10,824.81	A
Date		< 0.01	1	15.00	A
Ditch Bank		0.69	1	2.00	A
Forage Hay/Silage		3.72	6	125.00	A
Grape		0.06	4	91.00	A
Grape, Wine		22.77	47	3,355.23	A
Lettuce, Head		1.36	230	2,303.67	A
Lettuce, Leaf		0.11	28	207.21	A
Mustard		0.22	1	13.00	A
N-Grnhs Plants In Containers		0.02	1	1.50	A
N-Outdr Flower		0.08	59	224.30	A
N-Outdr Plants In Containers		2.29	844	3,169.10	A
		0.03	8	61.50	U
Total Pounds On This Commodity	2.32				
Oat		29.94	10	654.40	A
Oat (Forage - Fodder)		59.32	57	3,081.72	A
Onion, Dry		22.95	13	742.40	A
Orange		16.22	2	120.00	A
Peach		0.62	45	952.00	A
Pear		0.03	6	240.00	A
Pepper, Fruiting		0.03	1	30.00	A
Pistachio		9.73	19	698.47	A
Pomegranate		2.08	3	198.30	A
Prune		0.18	7	252.00	A
Rice		8.92	52	2,813.14	A
Rights Of Way		75.77			
		1.53	4	57.00	A
Total Pounds On This Commodity	77.30				
Ryegrass		48.04	3	235.40	A
Sorghum/Milo		0.18	2	20.00	A
Strawberry		2.06	35	1,960.00	A
Structural Pest Control		12.42			
Sudangrass		0.41	1	15.00	A
Tangerine		4.26	2	32.00	A
Tomato		6.88	10	306.00	A
Tomato, Processing		37.76	17	810.29	A
Triticale		15.00	16	1,492.60	A
Turf/Sod		0.09	4	105.50	A
Uncultivated Ag		11.99	16	454.60	A
Uncultivated Non-Ag		0.12	1	15.00	A
Walnut		9.98	65	1,615.55	A
Watermelon		0.38	8	454.90	A
Wheat		128.87	73	5,907.59	A
Wheat (Forage - Fodder)		181.41	222	10,967.91	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		1,516.73	3,420		
POLYVINYL PYRROLIDONE					
N-Grnhs Transplants		0.03	3	2.50	A
Rights Of Way		< 0.01	1	1.00	A
Chemical Total		< 0.01	4		
POTASH SOAP					
Apple		13.53	3	10.00	A
Arrugula		268.86	31	65.55	A
Artichoke, Globe		0.98	1	3,000.00	S
		0.02	1	0.10	A
Total Pounds On This Commodity	0.99				
Basil, Sweet		1,176.80	65	283.61	A
Bean, Succulent		0.62	1	0.30	A
Beet		252.46	26	61.91	A
Blackberry		0.09	2	0.20	A
Bok Choy		2.18	1	0.50	A
Broccoli		4,852.31	228	724.30	A
		2.49	10	4,300.00	S
Total Pounds On This Commodity	4,854.80				
Brussels Sprout		75.16	11	25.60	A
Cabbage		366.64	15	72.96	A
		0.12	2	1,900.00	S
Total Pounds On This Commodity	366.76				
Cauliflower		7,411.57	267	926.06	A
		0.29	4	400.00	S
Total Pounds On This Commodity	7,411.86				
Celery		2,613.96	93	306.76	A
Cherry		707.91	5	85.00	A
Chive		1,747.76	93	390.90	A
Cilantro		422.12	34	95.23	A
Citrus		8.33	1	9.50	A
Collard		1,183.31	41	224.49	A
Cucumber		43.72	6	5.10	A
Dill		1,219.71	71	294.37	A
Edible Flowers		521.04	2	0.38	A
Eggplant		< 0.01	2	0.02	A
Endive (Escarole)		183.99	27	100.40	A
Grape		2,111.07	22	564.55	A
Grape, Wine		1,152.65	13	220.62	A
		0.03	1	200.00	S
Total Pounds On This Commodity	1,152.68				
Herb, Spice		2,111.49	159	510.54	A
		316.64	37	80.00	U
		1.06	5	1,500.00	S
Total Pounds On This Commodity	2,429.18				
Kale		106.93	17	30.06	A
Landscape Maintenance		1,995.32			
Leek		12.49	1	6.00	A
Lemon		7.57	1	20.00	A
Lettuce, Head		20.49	3	49.50	A
		0.12	2	9,500.00	S
Total Pounds On This Commodity	20.61				
Lettuce, Leaf		963.31	57	257.06	A
		0.16	1	250.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	963.47				
Melon		2.81	1	0.90	A
Mint		919.69	56	201.54	A
Mizuna		1.40	1	1.20	A
Mustard		68.17	13	21.40	A
N-Grnhs Flower		4,517.91	337	566.79	A
		764.03	74	2,057,890.00	S
Total Pounds On This Commodity	5,281.94				
N-Grnhs Plants In Containers		731.52	144	3,623,884.00	S
		520.63	67	89.37	A
		3.12	1	50,000.00	U
Total Pounds On This Commodity	1,255.27				
N-Grnhs Transplants		187.55	34	27.30	A
		1.22	1	7,500.00	S
Total Pounds On This Commodity	188.77				
N-Outdr Flower		499.42	49	118.88	A
		18.36	4	116,780.00	S
Total Pounds On This Commodity	517.77				
N-Outdr Plants In Containers		1,451.65	203	353.37	A
		164.10	52	686,850.00	S
		4.09	4	4,340.00	U
Total Pounds On This Commodity	1,619.84				
N-Outdr Transplants		191.81	7	216,360.00	S
		165.07	23	14.85	A
		0.16		6.00	U
Total Pounds On This Commodity	357.04				
Onion, Dry		21.84	3	5.00	A
Orange		6.81	1	2.00	A
Oregano		401.84	33	96.50	A
Parsley		23.90	9	3.40	A
Peach		24.98	2	3.00	A
Peas		0.07	1	100.00	S
Pepper, Fruiting		85.78	1	20.60	A
		19.58	16	27,800.00	S
Total Pounds On This Commodity	105.37				
Plum		44.75	3	5.70	A
Pomegranate		10.92	1	1.50	A
Potato		41.64	1	37.50	A
Public Health		331.68			
Pumpkin		28.39	4	9.50	A
Radish		0.07	1	100.00	S
		0.04	2	0.20	A
Total Pounds On This Commodity	0.10				
Raspberry		1,736.22	29	285.34	A
Regulatory Pest Control		10.63			
		4.79		8,850.00	S
		0.15			
Total Pounds On This Commodity	15.57				
Research Commodity		58.37			
Rhubarb		0.02	1	0.10	A
Rights Of Way		245.53			
		3.12	1	11,000.00	S
Total Pounds On This Commodity	248.65				
Sage		125.97	12	30.25	A
Spinach		40.58	4	45.00	A
Squash		67.72	5	112.25	A
Strawberry		6,851.55	93	1,246.64	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		68.08			
Swiss Chard		260.62	20	69.00	A
Tomato		1.95	2	3,000.00	S
		0.44	4	0.40	A
Total Pounds On This Commodity	2.39				
Uncultivated Ag		0.08	1	200.00	S
Uncultivated Non-Ag		2.08		1,059.00	A
Unknown		58.08	11	13.50	A
Vegetable		0.18	1	1.12	A
Vegetables, Leafy		30.57	4	5.50	A
Walnut		0.01	1	0.10	A
Watermelon		0.12	2	0.10	A
Chemical Total		52,697.16	2,702		
POTASSIUM BICARBONATE					
Apple		42.64	3	18.50	A
Apricot		241.90	9	120.00	A
Arrugula		12.30	3	5.00	A
Basil, Sweet		336.20	11	170.00	A
Bean, Succulent		204.18	5	83.00	A
Bean, Unspecified		12.75	2	3.00	A
		0.50	1	9,000.00	S
Total Pounds On This Commodity	13.25				
Beet		36.08	4	18.00	A
Blackberry		151.29	12	77.00	A
Broccoli		120.92	33	52.80	A
Brussels Sprout		295.20	13	120.00	A
Cabbage		88.01	2	28.50	A
Celery		285.48	65	142.39	A
Cherry		211.56	7	93.50	A
Chervil		7.41	7	3.26	A
Cilantro		288.81	36	122.13	A
Collard		17.22	1	7.00	A
Cucumber		57.40	4	20.50	A
		0.54	5	8,940.00	S
Total Pounds On This Commodity	57.94				
Dill		6.81	2	3.10	A
Edible Flowers		1.95	5	1.15	A
Grape		45,913.62	518	17,291.92	A
Grape, Wine		98,689.62	1,965	37,629.12	A
Herb, Spice		185.87	37	90.12	A
		60.27	12	24.50	U
Total Pounds On This Commodity	246.14				
Kale		235.52	31	143.61	A
Landscape Maintenance		90.85			
		0.95	2	16.00	A
Total Pounds On This Commodity	91.80				
Lettuce, Leaf		41.00	1	26.20	A
Mint		140.52	17	57.12	A
N-Grnhs Flower		1,205.67	187	345.87	A
		147.18	23	993,572.00	S
Total Pounds On This Commodity	1,352.85				
N-Grnhs Plants In Containers		90.17	32	549,380.00	S
		23.42	11	9.23	A
Total Pounds On This Commodity	113.59				
N-Grnhs Transplants		5.17	3	1.97	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		4.13	6	320,000.00	S
Total Pounds On This Commodity	9.30				
N-Outdr Flower		412.35	63	202.75	A
N-Outdr Plants In Containers		114.11	17	53.56	A
		51.92	20	260,180.00	S
		1.99	5	2,980.00	U
Total Pounds On This Commodity	168.01				
N-Outdr Transplants		266.27	242	134.62	A
Nectarine		2,564.40	80	1,071.23	A
Olive		2.05	1	1.00	A
Onion, Green		43.79	1	17.80	A
Oregano		3.08	1	1.25	A
Parsley		1,397.06	31	578.36	A
Peach		1,959.80	37	802.02	A
Pepper, Fruiting		696.06	13	290.25	A
Plum		596.77	12	244.09	A
Pumpkin		1.33	3	3,000.00	S
Raspberry		157.44	6	64.00	A
Regulatory Pest Control		0.05			
Research Commodity		2.13			
Sage		14.37	5	3.15	A
Spinach		63.72	4	19.05	A
Squash		32.80	2	8.00	A
Squash, Summer		20.50	1	6.00	A
Squash, Zucchini		7.65	1	3.00	A
Strawberry		10,078.95	137	4,457.79	A
Thyme		4.92	2	2.00	A
Tomato		4,127.28	46	1,464.52	A
		2.71	2	52,272.00	S
Total Pounds On This Commodity	4,129.99				
Tomato, Processing		3,546.24	14	1,441.56	A
Unknown		9.84	1	2.00	A
Vegetable		12.30	3	3.50	A
		0.85	1	600.00	S
Total Pounds On This Commodity	13.15				
Vertebrate Control		731.74	6	339.22	A
Watermelon		4,673.59	28	1,189.80	A
Chemical Total		180,851.15	3,860		
POTASSIUM CHROMATE					
Landscape Maintenance		0.40	1	1.00	A
Chemical Total		0.40	1		
POTASSIUM DIMETHYL DITHIO CARBAMATE					
Landscape Maintenance		0.02			
Chemical Total		0.02			
POTASSIUM HYDROXIDE					
Alfalfa		31.58	145	8,353.95	A
Almond		99.60	80	4,304.00	A
Apple		5.94	22	280.70	A
Asparagus		0.06	1	1.00	A
Bean, Dried		7.81	27	1,557.00	A
Bean, Succulent		1.75	8	326.50	A
Bean, Unspecified		2.81	5	177.98	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bok Choy		0.44	9	28.00	A
Broccoli		84.44	341	3,433.59	A
Cabbage		9.63	44	461.58	A
Carrot		0.39	5	110.50	A
Cauliflower		3.39	14	123.40	A
Celery		30.56	65	1,547.91	A
Cherry		3.86	6	198.50	A
Chinese Cabbage (Nappa)		2.22	16	51.10	A
Cilantro		0.62	3	91.00	A
Corn (Forage - Fodder)		85.83	218	8,279.93	A
Corn, Grain		1.77	5	269.40	A
Corn, Human Consumption		111.81	295	8,535.00	A
Cotton		10.15	23	1,383.00	A
Cucumber		2.17	1	43.00	A
Date		0.14	1	15.00	A
Forage Hay/Silage		0.11	1	45.00	A
Grape		36.37	75	2,537.19	A
Grape, Wine		138.03	48	1,300.73	A
Landscape Maintenance		0.50			
Lettuce, Head		39.76	230	2,303.67	A
Lettuce, Leaf		3.33	28	207.21	A
Melon		2.46	10	480.45	A
Mustard		0.03	1	9.00	A
N-Grnhs Plants In Containers		0.51	1	1.50	A
N-Grnhs Transplants		0.22	12	35.00	A
N-Outdr Flower		2.27	59	224.30	A
N-Outdr Plants In Containers		67.34	845	3,175.70	A
		0.97	8	61.50	U
Total Pounds On This Commodity	68.31				
Oat		0.27	3	17.00	A
Olive		4.04	1	80.00	A
Onion, Dry		0.80	6	211.60	A
Orange		7.91	20	590.06	A
Peach		19.11	48	983.00	A
Pear		1.86	10	267.50	A
Pepper, Fruiting		0.95	1	30.00	A
Pistachio		52.74	33	3,003.10	A
Pomegranate		2.06	5	240.50	A
Prune		5.29	8	259.50	A
Pumpkin		0.01	1	4.00	A
Rice		108.89	251	23,193.47	A
Rights Of Way		13.37			
		1.68	4	58.00	A
Total Pounds On This Commodity	15.04				
Safflower		0.07	1	75.00	A
Sorghum (Forage - Fodder)		0.86	8	340.00	A
Squash		3.58	3	144.00	A
Strawberry		60.37	35	1,960.00	A
Sunflower		1.73	9	855.00	A
Tangerine		2.28	11	144.02	A
Tomato		3.32	6	170.00	A
Tomato, Processing		14.70	60	3,343.83	A
Turf/Sod		2.74	4	105.50	A
Uncultivated Ag		4.97	13	590.00	A
Walnut		146.71	158	5,046.26	A
Watercress		22.58	1	7.24	A
Watermelon		12.40	11	526.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat	1.79	11	782.50	A
Wheat (Forage - Fodder)	4.11	30	1,465.51	A
Chemical Total	1,290.07	3,404		
POTASSIUM N-METHYLDITHIOCARBAMATE				
Almond	11,090.42	1	32.50	A
Basil, Sweet	10,972.03	72	114.16	A
Bean, Succulent	343.36	1	2.00	A
Beet	24,628.33	144	257.92	A
Bok Choy	21,895.74	121	211.03	A
Brussels Sprout	40,441.69	39	346.50	A
Cabbage	29,008.94	158	284.83	A
Carrot	429,284.33	20	1,550.85	A
Celeriac	2,946.82	23	30.74	A
Chinese Cabbage (Nappa)	9,921.34	71	99.90	A
Cilantro	30,257.85	181	307.92	A
Collard	14,587.30	89	144.30	A
Cucumber	171.68	1	1.00	A
Daikon	2,703.32	33	27.62	A
Dandelion Green	8,364.74	30	79.81	A
Dill	6,404.15	60	63.47	A
Eggplant	1,545.10	1	9.00	A
Endive (Escarole)	3,110.54	86	31.30	A
Fennel	17,344.57	14	164.77	A
Grape, Wine	4,774.37	1	83.43	A
Kale	6,899.75	63	68.64	A
Kohlrabi	3,575.61	46	35.90	A
Leek	16,776.44	86	207.35	A
Lettuce, Leaf	82,226.05	411	646.11	A
Melon	20,702.73	2	112.00	A
Mint	247.36	2	2.68	A
Mustard	17,801.41	145	179.55	A
N-Outdr Plants In Containers	14,944.60	13	91.10	A
Onion, Dry	197,856.56	10	849.10	A
Parsley	9,044.56	53	93.01	A
Pepper, Fruiting	171,767.92	27	903.80	A
Pepper, Spice	32,447.20	3	213.00	A
Potato	37,675.00	3	172.67	A
Radicchio	306.90	4	3.30	A
Radish	17,699.81	83	218.89	A
Soil Fumigation/Preplant	419,582.00	19	1,532.50	A
Spinach	64,732.28	95	322.84	A
Squash, Summer	3,090.21	2	18.00	A
Strawberry	48,955.62	20	330.66	A
Sweet Potato	131,128.10	19	502.00	A
Swiss Chard	13,316.82	101	135.40	A
Tomatillo	11,845.80	1	69.00	A
Tomato	123,517.79	19	720.70	A
Tomato, Processing	1,819,560.75	212	25,666.03	A
Turf/Sod	22,032.05	5	57.50	A
Turnip	6,912.86	67	69.82	A
Uncultivated Ag	68,805.80	7	347.90	A
Watermelon	59,848.41	21	799.82	A
Yam	9,144.27	1	38.80	A
Chemical Total	4,102,241.29	2,686		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POTASSIUM NITRATE					
Alfalfa		173.71	109	6,253.05	A
Almond		443.66	40	2,881.00	A
Apple		56.41	22	280.70	A
Bean, Dried		26.40	26	1,521.00	A
Bean, Succulent		5.41	8	326.50	A
Broccoli		0.22	1	7.00	A
Cabbage		0.89	3	23.50	A
Carrot		3.74	5	110.50	A
Cauliflower		0.08	1	2.00	A
Cherry		31.18	5	162.00	A
Cilantro		0.49	2	89.00	A
Corn (Forage - Fodder)		255.20	153	5,406.43	A
Corn, Human Consumption		36.61	48	473.80	A
Cotton		59.43	15	1,124.00	A
Cucumber		2.17	1	43.00	A
Forage Hay/Silage		1.08	1	45.00	A
Grape		324.09	71	2,446.19	A
Grape, Wine		218.90	22	961.50	A
Landscape Maintenance		7.57			
		1.77	1	3.00	A
Total Pounds On This Commodity	9.34				
Melon		11.84	10	480.45	A
Mustard		0.32	1	9.00	A
N-Grnhs Transplants		2.10	12	35.00	A
N-Outdr Flower		0.51	1	5.00	A
N-Outdr Plants In Containers		0.26	1	6.60	A
Olive		38.37	1	80.00	A
Onion, Dry		3.58	6	211.60	A
Orange		75.10	20	590.06	A
Peach		2.61	3	31.00	A
Pear		6.97	4	27.50	A
Pistachio		42.34	20	2,572.00	A
Pomegranate		19.57	5	240.50	A
Prune		0.90	1	7.50	A
Pumpkin		0.10	1	4.00	A
Rice		636.53	222	20,739.28	A
Rights Of Way		1.26	1	45.00	A
Safflower		0.67	1	75.00	A
Sorghum (Forage - Fodder)		8.15	8	340.00	A
Squash		3.61	3	144.00	A
Structural Pest Control		0.08			
Sunflower		16.45	9	855.00	A
Tangerine		2.28	11	144.02	A
Tomato, Processing		131.97	59	3,307.83	A
Uncultivated Ag		10.25	6	454.00	A
Walnut		361.44	100	3,820.71	A
Watermelon		2.32	4	103.00	A
Wheat		10.87	7	580.00	A
Wheat (Forage - Fodder)		2.47	7	206.00	A
Chemical Total		3,041.92	1,058		
POTASSIUM PERMANGANATE					
Landscape Maintenance		108.90	1	5.00	A
Chemical Total		108.90	1		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POTASSIUM PEROXYMONOSULFATE					
Animal Premise		27.53		15.00	U
Celery		19.89	1	22.00	A
Fumigation, Other		0.40			
Landscape Maintenance		2.04			
N-Grnhs Plants In Containers		5.99	2	0.14	A
Orange		0.40	2	1.00	A
Rights Of Way		4.08			
Structural Pest Control		4.08			
Vertebrate Control		3.06			
Chemical Total		67.47	5		
POTASSIUM PHOSPHITE					
Almond		7,637.09	18	4,394.00	A
Arrugula		30.10	9	12.50	A
Artichoke, Globe		198.51	7	61.00	A
Avocado		422.63	4	184.00	A
Beet		50.12	5	17.28	A
Broccoli		795.21	53	416.60	A
Cabbage		483.72	37	286.87	A
Celery		56.68	1	43.70	A
Cherry		12.50	1	2.50	A
Cilantro		37.60	1	14.50	A
Collard		781.40	31	270.15	A
Cucumber		2.59	1	2.00	A
Dill		0.85	1	9.00	A
Endive (Escarole)		10.78	4	6.73	A
Gai Lon		117.17	7	51.00	A
Grape, Wine		16.32	1	9.50	A
Grapefruit		12.96	1	10.00	A
Kale		216.81	25	90.14	A
Landscape Maintenance		48,278.71			
		0.81	1	30.00	A
Total Pounds On This Commodity	48,279.52				
Lemon		817.37	5	228.70	A
Lettuce, Head		27,823.57	1,044	10,320.51	A
Lettuce, Leaf		33,727.35	1,527	12,903.62	A
Mizuna		44.00	1	13.80	A
Mustard		121.91	11	62.05	A
N-Grnhs Flower		26.60	14	533,610.00	S
		1.30	2	21,830.00	U
Total Pounds On This Commodity	27.90				
N-Grnhs Plants In Containers		171.18	18	60.00	A
		117.42	45	869,510.00	S
Total Pounds On This Commodity	288.60				
N-Outdr Flower		85.20	15	35.08	A
N-Outdr Plants In Containers		1,080.71	128	646.98	A
		15.21	19	60,875.00	S
Total Pounds On This Commodity	1,095.92				
N-Outdr Transplants		223.05	7	71.35	A
Onion, Green		420.87	11	163.80	A
Orange		1,783.87	27	767.00	A
Peas		1.25	1	0.80	A
Pepper, Fruiting		9.89	1	240.03	A
Potato		396.31	3	129.73	A
Radish		28.52	1	11.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rappini		342.32	6	109.50	A
Raspberry		174.10	5	40.05	A
Rights Of Way		541.69			
Spinach		12,709.16	559	4,319.86	A
Structural Pest Control		115.54			
Swiss Chard		170.83	46	61.72	A
Tomato		0.33		0.03	A
Turnip		21.69	3	11.56	A
Walnut		242.28	4	137.00	A
Watermelon		117.31	1	69.00	A
Chemical Total		140,493.44	3,712		
POTASSIUM RESINATE					
Landscape Maintenance		< 0.01			
Chemical Total		< 0.01			
POTASSIUM SILICATE					
Apricot		3.04	1	0.50	A
Broccoli		20.93	4	23.00	A
Cabbage		195.21	46	243.00	A
Cherry		6.09	1	1.00	A
Lettuce, Head		6.09	2	6.00	A
Chemical Total		231.36	54		
POTASSIUM SORBATE					
Orange		0.12	1	2.00	A
Chemical Total		0.12	1		
PRALLETHRIN					
Commodity Fumigation		2.70			
Landscape Maintenance		0.23			
N-Grnhs Transplants		< 0.01	1	0.31	A
Public Health		70.08			
Rights Of Way		< 0.01			
Structural Pest Control		138.76			
Chemical Total		211.77	1		
PRODIAMINE					
Landscape Maintenance		12,693.89			
		72.57	13	463.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		27.95	21	18.76	A
N-Grnhs Plants In Containers		22.44	32	28.75	A
N-Grnhs Transplants		1.88		3.50	A
		0.65	1	40,000.00	S
Total Pounds On This Commodity	2.53				
N-Outdr Flower		153.73	132	148.80	A
N-Outdr Plants In Containers		6,043.20	1,579	3,588.36	A
		1.73	13	283,000.00	S
Total Pounds On This Commodity	6,044.94				
N-Outdr Transplants		108.56	16	299.44	A
Rights Of Way		9,093.78			
		99.87	2	600.00	A
Total Pounds On This Commodity	9,193.65				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control		28.75			
Turf/Sod		108.15	8	192.34	A
Uncultivated Non-Ag		29.90	2	27.00	A
Unknown		75.30	1	53.00	A
Chemical Total		28,562.35	1,820		
PRODIAMINE, OTHER RELATED					
N-Outdr Plants In Containers		0.18	1	1.00	A
Chemical Total		0.18	1		
PROHEXADIONE CALCIUM					
Apple		171.70	37	787.69	A
Chemical Total		171.70	37		
PROMETON					
Landscape Maintenance		1.06			
N-Grnhs Flower		< 0.01	2	2.50	A
Rights Of Way		0.35			
Chemical Total		1.42	2		
PROMETRYN					
Celeriac		0.96	1	1.00	A
Celery		20,255.14	1,530	15,841.52	A
Cotton		15,503.57	162	10,063.34	A
Dill		315.30	52	143.61	A
Fennel		572.77	175	729.42	A
N-Outdr Transplants		0.29	2	2.00	A
Parsley		1,662.53	153	1,017.82	A
Tomato, Processing		95.99	1	57.00	A
Uncultivated Ag		8.33	4	18.20	A
Unknown		0.96	1	1.00	A
Vertebrate Control		9.99	2	13.50	A
Chemical Total		38,425.85	2,083		
PROPAMOCARB					
Landscape Maintenance		9.02			
Chemical Total		9.02			
PROPAMOCARB HYDROCHLORIDE					
Cucumber		173.20	45	273.00	A
Landscape Maintenance		441.61			
Lettuce, Head		55,966.36	4,525	56,399.79	A
Lettuce, Leaf		47,356.05	5,515	49,241.30	A
N-Grnhs Plants In Containers		1.50	1	4.00	A
N-Grnhs Transplants		113.71	51	148.79	A
		29.14	34	1,666,103.00	S
Total Pounds On This Commodity	142.85				
N-Outdr Transplants		9.91	51	544,467.00	S
		3.72	6	3.73	A
Total Pounds On This Commodity	13.63				
Pepper, Fruiting		175.95	14	294.90	A
Potato		5.70	1	5.73	A
Research Commodity		0.12			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		474.20	25	636.80	A
Tomato, Processing		798.71	45	1,204.00	A
Turf/Sod		13.87	1	2.34	A
Watermelon		315.33	9	553.00	A
Chemical Total		105,879.10	10,323		
PROPANIL					
N-Outdr Plants In Containers		24.02	1	0.75	A
Rice		1,899,632.27	5,075	366,413.58	A
		4,458.24	9	915.98	U
Total Pounds On This Commodity	1,904,090.51				
Rights Of Way		58.32			
Sunflower		128.19	1	32.60	A
Uncultivated Ag		113.40	1	20.00	A
Wheat		192.28	1	32.60	A
Chemical Total		1,904,606.72	5,088		
PROPARGITE					
Alfalfa		5,982.75	44	2,884.00	A
Almond		72,582.21	504	31,164.65	A
Bean, Dried		10,357.06	116	6,531.00	A
Bean, Succulent		2,318.90	38	1,684.09	A
Bean, Unspecified		838.18	9	423.39	A
Cherry		10,716.60	199	5,698.25	A
Corn (Forage - Fodder)		167,024.85	1,543	72,447.54	A
Corn, Grain		2,086.00	23	963.10	A
Corn, Human Consumption		23,631.51	232	10,149.40	A
Cotton		2,319.16	33	1,437.00	A
Grape		3,432.52	61	1,923.70	A
Grape, Wine		11,521.25	113	5,595.91	A
Mint		5,910.22	67	3,582.00	A
N-Outdr Plants In Containers		732.80	24	468.00	A
N-Outdr Transplants		153.60	1	60.00	A
Nectarine		4,663.58	143	2,377.75	A
Orange		135.96	3	95.00	A
Peach		577.76	21	302.90	A
Peanut		0.96	1	1.00	A
Plum		128.64	6	72.00	A
Prune		15.20	1	9.50	A
Research Commodity		46.24			
Sunflower		66.23	1	32.00	A
Tangerine		28.80	1	15.00	A
Walnut		54,834.89	722	25,531.81	A
Chemical Total		380,105.86	3,906		
PROPETAMPHOS					
Landscape Maintenance		0.21			
Structural Pest Control		351.71			
Chemical Total		351.92			
PROPICONAZOLE					
Almond		23,152.57	2,006	142,793.88	A
Apricot		462.85	189	4,220.08	A
Barley		1.00	3	9.00	A
Blackberry		0.32	1	2.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Celery		2,136.18	1,343	18,930.11	A
Cherry		749.14	279	6,667.44	A
Corn (Forage - Fodder)		104.98	29	1,286.40	A
Corn, Grain		71.50	25	827.50	A
Corn, Human Consumption		22.89	6	243.00	A
Fennel		4.75	12	66.00	A
Garlic		39.09	2	175.00	A
Landscape Maintenance		6,267.55			
		102.44	27	439.35	A
		7.64	7	475,842.00	S
Total Pounds On This Commodity	6,377.63				
Lemon		1.17	1	10.00	A
Lumber, Treated		20.16		1,877,024.00	C
Mint		0.11	3	1.00	A
N-Grnhs Flower		8.10	54	82.23	A
		3.96	23	1,049,408.00	S
Total Pounds On This Commodity	12.06				
N-Grnhs Plants In Containers		7.59	67	101.82	A
		2.55	30	586,690.00	S
Total Pounds On This Commodity	10.14				
N-Grnhs Transplants		4.20	41	24.32	A
		0.52	13	59,200.00	S
Total Pounds On This Commodity	4.72				
N-Outdr Flower		87.65	241	903.05	A
		2.92	15	325,590.00	S
Total Pounds On This Commodity	90.57				
N-Outdr Plants In Containers		271.81	614	2,144.61	A
		7.75	47	1,004,350.00	S
		0.10	3	1,350.00	U
Total Pounds On This Commodity	279.65				
N-Outdr Transplants		30.79	52	258.20	A
		8.90	51	3,818,470.00	S
Total Pounds On This Commodity	39.69				
Nectarine		3,233.68	1,767	23,017.99	A
		31.11		20,972.82	T
		1.93		1,857.00	U
		0.31		588,800.00	P
Total Pounds On This Commodity	3,267.02				
Onion, Dry		13.14	3	75.00	A
Orange		0.94	1	10.00	A
Peach		4,927.86	2,816	43,893.83	A
		45.01		32,526.25	T
		< 0.01		399.89	P
Total Pounds On This Commodity	4,972.87				
Pistachio		1,883.90	108	9,562.91	A
Plum		1,586.03	898	14,360.58	A
Pluot		23.32	15	199.73	A
Prune		2,873.88	492	23,781.39	A
Raspberry		10.34	10	64.29	A
Research Commodity		0.28			
Rice		2,278.04	189	14,927.76	A
Rights Of Way		59.33			
		3.35	1	30.00	A
Total Pounds On This Commodity	62.68				
Stone Fruit		0.48	2	4.10	A
Strawberry		2,781.77	643	23,205.64	A
Structural Pest Control		35.04			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Swiss Chard		2.96	6	26.64	A
Triticale		7.83	1	75.00	A
Turf/Sod		412.05	53	1,417.71	A
		18.19		120,000.00	U
		14.27	4	564,000.00	S
Total Pounds On This Commodity	444.51				
Unknown		15.62	2	56.00	A
Vertebrate Control		28.05	3	252.00	A
		0.32			
Total Pounds On This Commodity	28.38				
Walnut		1.34	1	12.00	A
Wheat		1,137.85	117	10,436.75	A
Chemical Total		55,009.39	12,316		
PROPIONIC ACID					
Airport		38.62	2	150.00	A
Alfalfa		2,974.08	589	39,210.91	A
Almond		7,433.20	507	40,221.90	A
Apple		0.33	2	13.00	A
Apricot		17.48	10	117.80	A
Artichoke, Globe		842.78	207	3,657.72	A
Asparagus		93.63	7	608.00	A
Avocado		1.25	1	16.50	A
Barley		10.58	4	118.00	A
Bean, Dried		93.06	14	835.00	A
Bean, Succulent		86.61	23	328.50	A
Bean, Unspecified		53.85	10	545.98	A
Beet		0.33	1	3.50	A
Blackberry		21.66	12	176.00	A
Blueberry		31.45	2	95.00	A
Bok Choy		6.15	15	62.70	A
Broccoli		4,414.41	1,675	18,748.63	A
Brussels Sprout		103.61	31	571.00	A
Cabbage		651.72	296	2,395.78	A
Cantaloupe		350.07	27	2,693.00	A
Carrot		17.41	5	117.10	A
Cauliflower		1,331.10	268	2,950.45	A
Celery		1,535.21	664	9,419.56	A
Cherry		64.44	24	466.10	A
Chicory		10.67	3	28.20	A
Chinese Cabbage (Nappa)		23.21	33	153.80	A
Cilantro		1.80	2	22.00	A
Corn (Forage - Fodder)		755.77	155	8,603.92	A
Corn, Grain		32.73	9	471.67	A
Corn, Human Consumption		3,348.58	557	26,472.85	A
Cotton		7,553.75	897	142,133.16	A
Cucumber		2.45	7	26.20	A
Date		0.97	1	15.00	A
Ditch Bank		8.31	9	13.50	A
Eggplant		20.35	5	71.00	A
Endive (Escarole)		2.27	1	6.00	A
Fennel		1.39	2	27.80	A
Forage Hay/Silage		3.81	5	65.75	A
Garlic		95.51	10	422.00	A
Grape		1,658.48	313	12,008.28	A
Grape, Wine		5,316.32	1,794	44,831.09	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Industrial Site		0.12		0.25	A
Kale		3.30	5	11.00	A
Kiwi		1.15	1	20.00	A
Landscape Maintenance		328.99			
Lemon		304.51	25	1,038.55	A
Lettuce, Head		5,715.65	2,398	26,650.74	A
Lettuce, Leaf		4,936.52	2,217	19,432.23	A
Melon		98.14	10	617.00	A
Mint		5.29	1	70.00	A
N-Grnhs Flower		438.73	811	1,420.29	A
N-Grnhs Plants In Containers		47.29	83	115.31	A
		40.94	92	2,142,347.00	S
		0.19	1	0.50	U
Total Pounds On This Commodity	88.42				
N-Grnhs Transplants		11.19	58	72.74	A
N-Outdr Flower		774.16	1,079	4,401.30	A
N-Outdr Plants In Containers		833.22	1,214	3,986.40	A
		84.87	75	1,063,498.00	S
		6.63	8	61.50	U
Total Pounds On This Commodity	924.72				
N-Outdr Transplants		791.16	216	1,459.96	A
Nectarine		47.16	20	293.15	A
Oat		24.82	13	216.20	A
Oat (Forage - Fodder)		1.51	1	20.00	A
Olive		5.29	2	37.00	A
Onion, Dry		190.22	35	2,231.70	A
Onion, Green		82.27	46	217.40	A
Orange		369.52	54	1,547.30	A
Parsley		0.70	1	7.50	A
Pastureland		48.55	16	473.35	A
Peach		281.64	91	1,988.24	A
Pear		7.38	8	256.70	A
Peas		171.19	38	462.30	A
Pecan		21.35	4	113.00	A
Pepper, Fruiting		469.62	83	2,691.49	A
Pistachio		1,515.30	138	14,675.27	A
Plum		149.74	44	777.36	A
Pluot		7.35	1	38.91	A
Pomegranate		75.50	5	524.50	A
Prune		72.76	10	445.65	A
Pumpkin		101.68	12	199.50	A
Radicchio		1.90	1	5.00	A
Rangeland		56.57	5	1,497.20	A
Rappini		2.96	4	41.50	A
Raspberry		12.40	13	97.83	A
Regulatory Pest Control		26.10			
Rice		231.70	29	2,454.19	A
Rights Of Way		5,182.61			
		95.12	12	360.50	A
Total Pounds On This Commodity	5,277.73				
Safflower		2,036.96	159	53,340.00	A
Soil Fumigation/Preplant		72.25	34	717.64	A
Sorghum/Milo		1.51	1	40.00	A
Soybean		0.91	1	12.00	A
Spinach		8.27	21	51.53	A
Squash		8.64	9	86.20	A
Squash, Summer		3.64	3	30.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Squash, Winter		3.02	1	13.00	A
Strawberry		7,255.96	847	31,931.81	A
Structural Pest Control		21.40	10	301.30	A
		1.50			
Total Pounds On This Commodity	22.90				
Sugarbeet		3.00	1	40.00	A
Tangerine		1,276.65	115	5,513.70	A
Tomato		623.97	74	3,629.81	A
Tomato, Processing		3,397.22	457	41,147.87	A
Turf/Sod		18.72	4	105.50	A
Uncultivated Ag		841.01	188	12,250.75	A
Uncultivated Non-Ag		33.47	4	177.00	A
Unknown		15.81	5	167.50	A
Walnut		678.73	93	2,275.75	A
Watermelon		495.20	45	2,828.76	A
Wheat		771.23	73	10,887.33	A
Wheat (Forage - Fodder)		78.37	39	1,991.51	A
Chemical Total		80,331.80	19,363		
PROPOXUR					
Landscape Maintenance		0.27			
		0.02	5	340.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Flower		12.47	3	2.17	A
N-Outdr Flower		0.15	2	14.00	A
Public Health		0.21			
Structural Pest Control		183.30			
Chemical Total		196.42	10		
PROPYLENE GLYCOL					
Alfalfa		531.49	420	19,681.13	A
Almond		3,217.94	1,624	73,503.57	A
Animal Premise		0.71		11.00	U
Apple		1,112.66	212	4,698.64	A
Apricot		2.31	11	45.32	A
Avocado		210.45	69	1,222.13	A
Barley		11.20	12	276.00	A
Barley (Forage - Fodder)		2.12	3	106.00	A
Bean, Dried		71.62	31	1,143.00	A
Bean, Succulent		4.73	12	512.00	A
Bean, Unspecified		5.19	3	76.00	A
Bermudagrass		0.40	1	10.00	A
Blackberry		0.27	2	1.50	A
Bok Choy		5.70	70	129.53	A
Broccoli		205.04	289	2,717.17	A
Brussels Sprout		5.79	4	54.00	A
Cabbage		31.62	90	452.60	A
Cantaloupe		2.01	1	70.50	A
Carrot		4.80	1	60.00	A
Cauliflower		31.91	44	317.20	A
Celery		20.26	74	384.62	A
Cherry		1,171.03	377	7,070.39	A
Chinese Cabbage (Nappa)		18.90	110	440.10	A
Cilantro		0.47	2	7.75	A
Corn (Forage - Fodder)		453.61	188	9,509.44	A
Corn, Grain		3.94	5	124.19	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn, Human Consumption		85.20	213	7,658.80	A
Cotton		81.59	37	2,287.66	A
Cucumber		30.52	21	1,111.00	A
Endive (Escarole)		0.85	3	56.00	A
Fig		11.08	9	337.00	A
Garbanzo Bean		2.60	2	50.00	A
Grape		707.47	460	21,057.46	A
Grape, Wine		5,853.13	2,012	74,022.15	A
Grapefruit		50.24	7	155.00	A
Industrial Site		0.05		10.00	A
Kale		0.43	3	4.00	A
Kiwi		0.31	1	7.50	A
Landscape Maintenance		211.48			
Lemon		223.34	53	1,719.73	A
Lettuce, Head		126.01	334	1,944.75	A
Lettuce, Leaf		90.35	308	1,338.26	A
Melon		45.46	26	1,236.98	A
N-Grnhs Flower		64.56	164	345.79	A
		0.10	1	45,000.00	S
Total Pounds On This Commodity	64.66				
N-Grnhs Plants In Containers		36.26	157	166.01	A
		14.96	190	3,772,477.00	S
Total Pounds On This Commodity	51.22				
N-Grnhs Transplants		28.89	65	2,723,391.00	S
		4.53	58	68.37	A
Total Pounds On This Commodity	33.42				
N-Outdr Flower		465.88	1,248	4,743.92	A
		0.13	4	12,200.00	S
Total Pounds On This Commodity	466.01				
N-Outdr Plants In Containers		512.47	1,135	8,384.19	A
		5.21	5	883.00	U
		4.87	37	2,032,050.00	S
Total Pounds On This Commodity	522.55				
N-Outdr Transplants		50.87	279	10,884,815.00	S
		42.16	66	866.35	A
Total Pounds On This Commodity	93.03				
Nectarine		287.73	108	1,436.44	A
Oat		11.86	10	400.00	A
Oat (Forage - Fodder)		42.24	34	952.50	A
Olive		197.37	55	1,658.70	A
Onion, Dry		80.89	21	1,232.20	A
Orange		3,089.36	638	21,331.49	A
Parsley		0.51	4	12.80	A
Pastureland		3.67	9	231.00	A
Peach		345.22	349	6,201.34	A
Pear		51.50	18	414.50	A
Pepper, Fruiting		40.52	47	642.85	A
Persimmon		0.51	4	15.00	A
Pistachio		579.24	137	9,361.80	A
Plum		381.16	180	2,817.09	A
Pomegranate		1.53	2	23.30	A
Pomelo		0.90	2	10.00	A
Potato		48.85	120	4,292.92	A
Prune		214.52	167	4,825.30	A
Pumpkin		0.33	4	19.00	A
Radicchio		8.91	31	2,083.00	A
Rangeland		1.08	1	54.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rappini		1.40	2	53.90	A
Raspberry		28.91	10	163.00	A
Rice		241.01	76	5,323.67	A
Rights Of Way		25.79			
		0.61	1	5.00	A
Total Pounds On This Commodity	26.40				
Rye		7.33	7	148.00	A
Soil Fumigation/Preplant		60.42	19	785.89	A
Sorghum (Forage - Fodder)		1.73	1	45.00	A
Spinach		2.68	13	46.70	A
Squash		5.16	5	222.00	A
Strawberry		775.07	478	9,869.06	A
Structural Pest Control		2.80			
Sunflower		20.75	3	155.00	A
Sweet Potato		0.30	2	40.00	A
Tangelo		78.62	32	615.15	A
Tangerine		491.35	108	5,387.36	A
Tomatillo		0.79	3	25.50	A
Tomato		288.06	167	7,176.91	A
Tomato, Processing		273.05	177	9,132.47	A
Turf/Sod		17.11	14	191.86	A
Uncultivated Ag		35.10	27	356.55	A
Uncultivated Non-Ag		6.61	2	87.00	A
Unknown		387.59	88	1,929.15	A
Vertebrate Control		0.52			
Walnut		1,417.89	620	20,105.61	A
		0.02	1	8.00	U
Total Pounds On This Commodity	1,417.91				
Watermelon		6.90	28	585.00	A
Wheat		114.95	51	3,298.16	A
Wheat (Forage - Fodder)		80.63	79	4,342.90	A
Chemical Total		25,638.20	14,508		
PROPYLENE GLYCOL, METHYL ETHER					
Alfalfa		79.66	43	2,854.10	A
Almond		16.31	102	3,671.74	A
Apricot		8.39	8	243.73	A
Asparagus		5.91	1	61.10	A
Blueberry		12.10	8	500.00	A
Cherry		1.15	4	81.00	A
Chinese Cabbage (Nappa)		0.19	1	2.00	A
Corn (Forage - Fodder)		5.34	10	534.00	A
Cotton		0.53	1	55.00	A
Grape		286.59	166	9,146.12	A
Grape, Wine		1,754.65	258	55,738.12	A
Herb, Spice		0.08	1	2.00	A
N-Outdr Plants In Containers		0.23	1	8.00	A
Nectarine		0.17	1	5.90	A
Oat (Forage - Fodder)		2.45	6	234.00	A
Olive		0.29	3	15.00	A
Onion, Dry		0.85	4	129.60	A
Orange		11.89	115	1,393.52	A
Peach		5.58	11	184.20	A
Pepper, Fruiting		0.29	3	120.00	A
Pistachio		37.23	26	1,011.10	A
Plum		23.41	21	957.05	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Potato		7.88	14	1,571.00	A
Prune		0.97	1	20.00	A
Rice		1.59	3	314.40	A
Rights Of Way		19.69			
Soil Fumigation/Preplant		4.65	7	314.00	A
Squash		2.23	1	23.00	A
Storage Area/Box		2.72		1.00	K
Strawberry		8.39	1	86.69	A
Sudangrass		0.94	1	80.00	A
Tangerine		4.26	43	775.30	A
Tomato, Processing		2.68	8	357.00	A
Uncultivated Ag		7.46	2	77.10	A
Uncultivated Non-Ag		0.15	1	5.00	A
Unknown		2.74	11	206.00	A
Walnut		10.74	27	723.40	A
Chemical Total		2,330.40	914		
PROPYLENEGLYCOL MONOLAURATE					
Grape, Wine		7.08	1	2.70	A
Chemical Total		7.08	1		
PROPYLENE OXIDE					
Almond		9,367.60		2,160.00	T
		3,928.50		1,132,386.00	P
Total Pounds On This Commodity	< 0.01				
Commodity Fumigation		35,774.44			
Fumigation, Other		4,858.82			
Pistachio		32,799.00		5,405,819.00	P
Structural Pest Control		22,481.00			
Walnut		2,399.28		462,726.00	U
Chemical Total		111,608.64			
PROPYZAMIDE					
Alfalfa		12.00	2	8.00	A
Artichoke, Globe		812.34	74	704.06	A
Blueberry		18.91	1	52.00	A
Broccoli		70.60	19	175.98	A
Cauliflower		3.87	1	10.10	A
Chicory		285.77	23	197.16	A
Endive (Escarole)		1,103.38	369	1,030.19	A
Landscape Maintenance		384.19			
Lettuce, Head		37,227.30	3,943	53,235.31	A
Lettuce, Leaf		32,212.26	5,013	44,520.22	A
N-Outdr Flower		4.08	1	2.00	A
Pepper, Spice		5.61	1	10.00	A
Plum		1.13	1	0.75	A
Radicchio		16.08	3	16.00	A
Research Commodity		19.63			
Soil Fumigation/Preplant		8.87	1	8.70	A
Turf/Sod		135.58	15	111.54	A
Uncultivated Ag		572.50	58	1,058.20	A
Vertebrate Control		19.51	2	19.13	A
Chemical Total		72,913.59	9,527		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PSEUDOMONAS FLUORESCENS, STRAIN A506					
Apple		16.24	17	101.43	A
Peach		5.71	3	25.75	A
Pear		288.68	58	2,109.39	A
Structural Pest Control		13.27	5	209.50	A
Chemical Total		323.90	83		
PUTRESCENT WHOLE EGG SOLIDS					
Landscape Maintenance		0.39			
Lemon		141.18	2	32.61	A
Structural Pest Control		1.43			
Chemical Total		143.00	2		
PYMETROZINE					
Asparagus		81.49	19	948.24	A
Bok Choy		7.24	70	93.68	A
Broccoli		141.23	131	1,639.53	A
Brussels Sprout		47.20	46	555.30	A
Cabbage		29.87	92	363.81	A
Cantaloupe		36.10	7	420.00	A
Cauliflower		13.71	21	159.62	A
Celery		435.76	392	4,491.79	A
		< 0.01	1	1,000.00	S
Total Pounds On This Commodity	435.77				
Chicory		8.66	9	100.80	A
Chinese Cabbage (Nappa)		17.40	84	203.49	A
Collard		9.42	36	104.58	A
Cotton		1.72	1	20.00	A
Cucumber		2.83	16	56.45	A
Dandelion Green		0.19	2	2.22	A
Eggplant		0.37	5	2.75	A
Endive (Escarole)		3.04	48	35.27	A
Fennel		11.98	14	139.40	A
Kale		33.74	83	406.93	A
Kohlrabi		1.20	15	13.96	A
Landscape Maintenance		4.23			
Lettuce, Head		246.84	252	2,881.65	A
Lettuce, Leaf		709.39	1,123	8,274.06	A
Melon		82.11	34	972.09	A
Mustard		2.82	25	32.88	A
N-Grnhs Flower		204.08	541	1,299.16	A
		15.16	84	4,210,308.00	S
Total Pounds On This Commodity	219.25				
N-Grnhs Plants In Containers		40.27	150	5,929,226.00	S
		39.82	178	267.91	A
Total Pounds On This Commodity	80.09				
N-Grnhs Transplants		5.91	67	1,505,000.00	S
		3.08	29	20.76	A
Total Pounds On This Commodity	8.99				
N-Outdr Flower		15.35	55	94.14	A
		2.35	12	335,760.00	S
Total Pounds On This Commodity	17.70				
N-Outdr Plants In Containers		85.04	316	475.98	A
		13.72	48	1,969,405.00	S
Total Pounds On This Commodity	98.76				
N-Outdr Transplants		158.08	112	1,287.42	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Parsley		2.06	9	22.19	A
Pepper, Fruiting		19.40	21	225.85	A
Pepper, Spice		0.02	3	0.25	A
Potato		55.00	4	624.00	A
Pumpkin		44.53	12	518.30	A
Radicchio		21.08	17	245.43	A
Rappini		117.80	85	1,370.70	A
Regulatory Pest Control		0.02			
		< 0.01		1,200.00	S
Total Pounds On This Commodity	0.02				
Research Commodity		1.81	9	20.42	A
		0.45			
Total Pounds On This Commodity	2.26				
Rights Of Way		1.46			
		0.42	2	3.00	A
Total Pounds On This Commodity	1.88				
Spinach		17.52	56	203.80	A
Squash		7.02	10	111.00	A
Squash, Summer		5.20	12	60.50	A
Squash, Winter		2.84	1	33.00	A
Structural Pest Control		0.29			
Swiss Chard		20.27	109	238.49	A
Tomato		44.28	37	705.96	A
Tomato, Processing		5.87	6	72.50	A
Turnip		0.84	10	9.70	A
Unknown		0.81	4	3.50	A
Watermelon		20.11	31	336.56	A
Chemical Total		2,900.51	4,556		
PYRACLOSTROBIN					
Almond		13,813.66	2,535	150,124.31	A
Apple		86.09	18	721.01	A
Apricot		245.22	130	2,804.06	A
Arrugula		26.01	35	142.19	A
Barley		43.84	7	371.00	A
Bean, Dried		17.46	4	125.00	A
Bean, Unspecified		12.37	7	95.00	A
Beet		52.25	110	321.62	A
Bermudagrass		4.17	1	35.00	A
Blackberry		34.62	29	196.41	A
Blueberry		163.00	42	1,137.08	A
Bok Choy		118.93	322	717.29	A
Broccoli		3,184.39	1,668	16,613.40	A
Brussels Sprout		297.53	105	1,677.37	A
Cabbage		218.25	286	1,236.87	A
Cantaloupe		122.84	34	1,095.39	A
Carrot		2,744.32	301	18,403.01	A
Cauliflower		31.86	25	179.19	A
Celeriac		7.90	36	49.41	A
Celery		535.73	187	2,827.42	A
Cherry		1,170.57	567	12,026.51	A
Chestnut		4.00	3	40.00	A
Chicory		9.93	1	527.40	U
		5.69	2	35.30	A
Total Pounds On This Commodity	15.62				
Chinese Cabbage (Nappa)		103.00	215	625.52	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Collard		205.10	287	1,149.56	A
Corn (Forage - Fodder)		76.34	12	606.90	A
Corn, Human Consumption		78.22	8	594.00	A
Cotton		200.11	59	2,542.90	A
Cucumber		161.09	62	1,164.70	A
Daikon		20.94	34	120.26	A
Dandelion Green		19.89	11	8.09	A
Endive (Escarole)		41.97	117	257.90	A
Fennel		102.66	44	515.55	A
Gai Lon		3.46	4	17.30	A
Garbanzo Bean		453.02	44	3,491.90	A
Garlic		39.00	15	296.30	A
Gourd		2.40	2	16.00	A
Grape		8,837.93	1,913	88,765.92	A
Grape, Wine		15,618.58	4,556	136,683.19	A
Grapefruit		2.44	1	15.00	A
Grass, Seed		20.83	1	157.00	A
Kale		154.80	160	908.90	A
Kohlrabi		28.26	46	161.33	A
Landscape Maintenance		791.94			
		3.58	3	10.08	A
		2.10	2	200,000.00	S
Total Pounds On This Commodity	797.63				
Leek		67.08	130	499.14	A
Lemon		3.51	2	22.00	A
Lettuce, Head		1,432.77	598	8,048.48	A
Lettuce, Leaf		2,335.91	1,506	12,689.36	A
Melon		289.33	68	1,799.91	A
Mint		0.78	4	4.00	A
Mizuna		0.30	1	3.00	A
Mustard		75.26	192	432.23	A
N-Grnhs Flower		29.17	74	152.58	A
		1.30	6	245,000.00	S
Total Pounds On This Commodity	30.47				
N-Grnhs Plants In Containers		21.25	35	70.85	A
		1.98	16	212,614.00	S
Total Pounds On This Commodity	23.22				
N-Grnhs Transplants		0.11	3	0.70	A
		< 0.01	1	500.00	S
Total Pounds On This Commodity	0.11				
N-Outdr Flower		58.76	77	227.52	A
N-Outdr Plants In Containers		191.54	162	930.69	A
		1.80	50	303,800.00	S
		0.09	1	1,000.00	U
Total Pounds On This Commodity	193.43				
N-Outdr Transplants		364.30	117	2,009.77	A
Nectarine		765.02	460	7,789.49	A
Olive		0.06	1	1.00	A
Onion, Dry		1,212.18	238	10,185.06	A
Onion, Green		8.85	9	59.98	A
Orange		144.23	51	912.00	A
Parsley		236.42	181	1,233.74	A
Parsnip		4.88	2	26.00	A
Peach		1,475.40	756	15,578.08	A
Pear		33.35	17	236.00	A
Pepper, Fruiting		927.35	182	5,053.78	A
Pepper, Spice		6.20	1	31.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pistachio		2,915.74	346	25,115.54	A
Plum		181.30	147	1,865.82	A
Potato		333.29	34	2,538.00	A
Prune		53.02	20	515.50	A
Pumpkin		86.05	35	540.30	A
Radicchio		43.57	16	219.29	A
Radish		105.37	121	531.87	A
Rappini		49.39	22	246.95	A
Raspberry		300.44	172	1,914.55	A
Research Commodity		0.37			
Rights Of Way		2.35			
Spinach		348.97	260	1,846.39	A
Squash		159.81	50	912.41	A
Squash, Summer		9.54	9	55.70	A
Strawberry		9,595.40	1,762	56,508.64	A
Structural Pest Control		1.80			
Swiss Chard		160.66	350	928.71	A
Tangelo		9.34	6	57.40	A
Tangerine		14.70	6	88.00	A
Tomatillo		28.13	6	180.00	A
Tomato		1,728.31	224	9,775.66	A
Tomato, Processing		22,033.95	1,921	132,274.34	A
Turf/Sod		14.67	6	49.60	A
		2.88	2	280,000.00	S
		2.68		354,000.00	U
Total Pounds On This Commodity	20.24				
Turnip		57.85	115	383.46	A
Uncultivated Ag		0.93	1	8.00	A
Uncultivated Non-Ag		0.08		1.00	A
Unknown		2.03	3	5.00	A
Vertebrate Control		19.31	2	143.80	A
Walnut		18.85	5	213.00	A
Watermelon		565.40	107	3,385.53	A
Wheat		671.09	73	5,496.50	A
Wheat (Forage - Fodder)		12.51	2	100.00	A
Chemical Total		99,137.23	24,815		
PYRAFLUFEN-ETHYL					
Almond		26.66	155	9,769.52	A
Cherry		0.19	3	42.05	A
Corn (Forage - Fodder)		2.79	22	1,019.79	A
Corn, Human Consumption		0.78	13	515.56	A
Cotton		461.84	1,531	142,845.30	A
Grape		3.26	41	1,312.81	A
Grape, Wine		16.15	110	3,520.43	A
Kiwi		0.21	1	57.00	A
Landscape Maintenance		1.86			
Nectarine		1.09	53	260.50	A
Oat (Forage - Fodder)		0.15	2	88.00	A
Pastureland		< 0.01	1	1.50	A
Peach		1.27	60	295.60	A
Persimmon		0.03	1	5.00	A
Pistachio		0.27	3	92.00	A
Plum		1.09	39	268.67	A
Pomegranate		0.88	6	188.37	A
Potato		3.56	15	532.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Prune		0.20	2	74.00	A
Rangeland		0.08		20.00	A
Rice		0.08	1	23.50	A
Rights Of Way		62.46			
		0.03	1	10.70	A
Total Pounds On This Commodity	62.49				
Structural Pest Control		0.46			
		0.22	3	92.50	A
Total Pounds On This Commodity	0.68				
Tomato		0.98	2	295.00	A
Tomato, Processing		0.54	6	266.30	A
Uncultivated Ag		12.01	23	6,072.00	A
Uncultivated Non-Ag		0.29	1	185.75	A
Unknown		0.74	4	297.00	A
Walnut		4.02	24	1,035.60	A
Wheat		69.94	120	6,984.00	A
Wheat (Forage - Fodder)		54.32	590	33,421.56	A
Chemical Total		728.45	2,833		
PYRAZON					
Sugarbeet		31.03	6	13.57	A
Tomato		130.00	1	40.00	A
Chemical Total		161.03	7		
PYRETHRINS					
Alfalfa		70.22	33	1,650.00	A
Almond		22.19	7	573.00	A
Animal Premise		35.74		112.00	U
		8.68	9	378,292.00	S
		0.43		2.70	A
Total Pounds On This Commodity	44.85				
Apple		5.27	16	123.50	A
Apricot		< 0.01	1	0.25	A
Arrugula		17.89	173	400.52	A
Artichoke, Globe		24.93	60	718.70	A
		< 0.01	1	3,000.00	S
Total Pounds On This Commodity	24.93				
Asian Pear		0.30	3	4.50	A
Asparagus		0.43	4	32.00	A
Avocado		0.94	8	35.50	A
Basil, Sweet		17.05	144	551.60	A
Bean, Dried		< 0.01	1	0.15	A
Bean, Succulent		13.88	18	275.30	A
Bean, Unspecified		0.06	4	13.50	A
Beet		3.36	45	107.28	A
Blackberry		16.64	122	540.20	A
Blueberry		3.22	5	109.96	A
Bok Choy		0.91	17	31.57	A
Broccoli		73.09	254	1,897.05	A
		0.02	8	4,100.00	S
Total Pounds On This Commodity	73.11				
Brussels Sprout		1.54	13	97.10	A
Cabbage		17.56	52	373.00	A
		< 0.01	2	200.00	S
Total Pounds On This Commodity	17.56				
Cactus Pear		4.54	37	703.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cantaloupe		10.22	33	508.95	A
Carrot		18.06	16	607.20	A
Cauliflower		31.97	215	1,032.52	A
		< 0.01	2	200.00	S
Total Pounds On This Commodity	31.98				
Celeriac		0.02	1	1.00	A
Celery		134.83	569	3,474.90	A
Cherry		7.54	17	333.60	A
Chervil		3.01	47	62.32	A
Chicken		0.20	2	60,000.00	S
		0.18		10.00	U
Total Pounds On This Commodity	0.38				
Chicory		1.48	8	27.30	A
Chinese Cabbage (Nappa)		2.20	38	120.50	A
Chive		15.87	157	532.15	A
Cilantro		13.21	141	468.04	A
Collard		1.63	18	120.88	A
Commodity Fumigation		13.65			
Corn (Forage - Fodder)		0.23	1	17.00	A
Corn, Human Consumption		0.54	9	28.00	A
Cucumber		3.83	69	133.09	A
Daikon		0.04	2	2.00	A
Dill		34.20	119	476.32	A
Edible Flowers		0.09	10	4.42	A
Eggplant		1.69	9	48.52	A
Endive (Escarole)		8.73	128	317.88	A
Farm/Ag Building		11.21		65.82	A
		0.70		14.00	U
		0.01		6,000.00	S
Total Pounds On This Commodity	11.92				
Forest, Timberland		0.26		520,000.00	S
Fumigation, Other		8.29			
Grain		28.96		810,000.00	C
Granary		0.52		3.00	U
Grape		420.57	209	9,033.26	A
Grape, Wine		197.17	395	5,652.16	A
Grapefruit		7.97	15	276.00	A
Greenhouse Fumigation		0.11	2	4.50	A
Herb, Spice		20.86	301	660.99	A
		0.96	24	1,602,000.00	S
		0.36	28	48.50	U
Total Pounds On This Commodity	22.18				
Household		< 0.01		6.00	A
Industrial Site		< 0.01		4,000.00	S
		< 0.01		2,000.00	U
Total Pounds On This Commodity	0.01				
Kale		6.03	85	157.46	A
Kohlrabi		< 0.01	1	1.00	A
Landscape Maintenance		122.26			
		1.15	29	1,112.10	A
Total Pounds On This Commodity	123.41				
Lemon		261.26	174	4,236.31	A
Lettuce, Head		34.60	189	1,266.08	A
Lettuce, Leaf		189.64	651	5,821.11	A
Lime		0.19	1	2.00	A
Livestock		1.27	1	100.00	U
Melon		1.08	30	39.91	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Mint		6.08	81	268.75	A
Mizuna		6.56	63	161.18	A
Mushroom		6.63	28	376,500.00	S
Mustard		5.97	92	129.50	A
N-Grnhs Flower		30.46	367	564.84	A
		0.92	26	1,334,080.34	S
Total Pounds On This Commodity	31.39				
N-Grnhs Plants In Containers		5.86	270	5,338,235.00	S
		4.97	144	288.19	A
Total Pounds On This Commodity	10.83				
N-Grnhs Transplants		4.56	274	167.49	A
		0.39	37	560,500.00	S
Total Pounds On This Commodity	4.95				
N-Outdr Flower		6.75	95	357.28	A
N-Outdr Plants In Containers		11.81	178	493.36	A
		0.29	16	88,040.00	S
		0.02	6	4,638.00	U
Total Pounds On This Commodity	12.12				
N-Outdr Transplants		139.04	605	8,616.97	A
		0.84	67	3,548,120.00	S
Total Pounds On This Commodity	139.88				
Nectarine		21.09	64	498.13	A
Onion, Dry		9.23	16	643.07	A
Onion, Green		1.37	3	49.80	A
Orange		68.96	83	1,467.70	A
		0.04		270,000.00	P
Total Pounds On This Commodity	69.00				
Oregano		3.62	57	165.50	A
Parsley		0.65	25	19.23	A
Pastureland		3.26	4	148.15	A
Peach		15.34	49	362.02	A
Peas		3.34	10	73.33	A
		< 0.01	1	100.00	S
Total Pounds On This Commodity	3.34				
Pepper, Fruiting		13.76	24	276.05	A
		0.02	3	3,300.00	S
Total Pounds On This Commodity	13.79				
Pepper, Spice		0.04	3	1.28	A
Persimmon		0.87	8	50.00	A
Pistachio		4.36	1	80.00	A
Plum		10.09	11	271.86	A
Pomegranate		5.21	6	126.80	A
Potato		16.01	9	331.66	A
Prune		1.35	4	100.00	A
Public Health		5,003.38			
Pumpkin		0.02	3	1.26	A
Radicchio		5.85	10	411.00	A
Radish		< 0.01	5	0.50	A
		< 0.01	1	100.00	S
Total Pounds On This Commodity	0.00				
Rappini		9.84	22	520.60	A
Raspberry		86.47	215	2,694.35	A
Regulatory Pest Control		15.54			
		0.03		0.25	A
Total Pounds On This Commodity	15.57				
Research Commodity		0.23			
		0.02	3	0.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		< 0.01	1	100.00	U
Total Pounds On This Commodity	0.26				
Rhubarb		< 0.01	3	0.30	A
Rights Of Way		5.54			
		0.02	2	10.82	A
Total Pounds On This Commodity	5.56				
Rosemary		0.50	12	15.25	A
Sage		1.69	22	65.46	A
Shallot		0.69	3	25.50	A
Spinach		57.51	161	1,714.55	A
Squash		1.16	15	165.39	A
Squash, Winter		2.20	12	240.00	A
Stone Fruit		< 0.01	1	2.00	A
Storage Area/Box		1.30		2,560.00	K
Strawberry		508.44	722	12,185.82	A
Structural Pest Control		3,261.08			
		0.16	2	20.00	A
Total Pounds On This Commodity	3,261.24				
Swiss Chard		12.20	116	282.87	A
Tangelo		1.81	2	32.60	A
Tangerine		8.31	12	220.50	A
Tarragon		0.23	7	4.19	A
Thyme		3.15	31	123.25	A
Tomato		707.24	278	12,856.71	A
		4.40	29	1,544,000.00	S
Total Pounds On This Commodity	711.64				
Tomato, Processing		10.55	22	278.62	A
Turnip		0.03	1	0.50	A
Unknown		1.16	4	22.50	A
Vegetable		0.47	17	18.75	A
		0.01	5	22,400.00	S
Total Pounds On This Commodity	0.48				
Vegetables, Leafy		0.03	2	2.50	A
Vertebrate Control		2.07			
Walnut		0.39	1	15.00	A
Watercress		0.06	3	4.00	A
Watermelon		10.03	34	317.14	A
Chemical Total		12,091.39	9,292		
PYRIDABEN					
Almond		897.52	30	2,527.80	A
Corn (Forage - Fodder)		15.00	1	40.00	A
Grape		118.64	6	248.33	A
Grape, Wine		731.35	53	2,089.42	A
Grapefruit		0.84	1	1.70	A
Lemon		0.62	1	2.00	A
N-Grnhs Flower		38.30	51	71.20	A
		6.38	17	698,750.00	S
Total Pounds On This Commodity	44.68				
N-Grnhs Plants In Containers		122.09	149	12,325,524.00	S
		77.50	194	262.71	A
		0.33	1	30,000.00	U
Total Pounds On This Commodity	199.92				
N-Grnhs Transplants		3.71	6	6.36	A
		0.27	18	73,000.00	S
Total Pounds On This Commodity	3.98				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Flower		4.35	10	6.59	A
		0.67	7	152,080.00	S
Total Pounds On This Commodity	5.01				
N-Outdr Plants In Containers		49.19	86	129.55	A
		3.80	11	322,000.00	S
Total Pounds On This Commodity	52.99				
N-Outdr Transplants		10.82	18	36.40	A
Orange		1,016.47	105	2,813.30	A
Peach		57.82	7	119.00	A
Plum		5.85	3	26.00	A
Prune		11.28	1	30.00	A
Regulatory Pest Control		< 0.01			
Research Commodity		0.10			
Structural Pest Control		0.04			
Tangelo		6.19	1	40.00	A
Tangerine		506.47	19	564.50	A
Walnut		13.74	5	29.60	A
Chemical Total		3,699.33	801		
PYRIMETHANIL					
Almond		8,754.68	922	41,452.71	A
Apple		33.59	5	105.50	A
Apricot		297.47	33	1,362.50	A
Citrus		342.47		128,735.79	T
Grape		4,679.95	360	15,577.50	A
Grape, Wine		7,061.07	393	17,208.28	A
Lemon		17.84		7,823.25	T
		6.18		6,075.20	U
Total Pounds On This Commodity	24.02				
N-Grnhs Transplants		1.36	1	6.00	A
Nectarine		506.51	126	1,364.37	A
Onion, Dry		1,791.06	68	6,280.40	A
Onion, Green		19.46	8	50.80	A
Peach		1,408.20	218	6,203.02	A
Pistachio		4,602.76	175	14,088.11	A
Plum		286.23	75	832.86	A
Prune		92.82	19	413.07	A
Regulatory Pest Control		1.73			
Strawberry		23,678.34	729	24,658.84	A
Tomato		346.17	62	2,278.30	A
Vertebrate Control		72.03	5	187.70	A
Chemical Total		53,999.93	3,199		
PYRIPROXYFEN					
Almond		3,250.10	1,454	158,227.50	A
Apple		144.17	25	1,450.63	A
Apricot		4.46	9	50.50	A
Avocado		< 0.01	1	0.30	A
Cantaloupe		77.50	10	1,208.00	A
Cherry		61.77	26	419.98	A
Citrus		9.03	9	88.15	A
Commodity Fumigation		0.54			
Cotton		456.73	104	7,881.30	A
Cucumber		0.84	2	12.50	A
Fig		4.00	8	400.20	A
Fumigation, Other		1.78			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape		4.56	22	647.20	A
Grape, Wine		42.92	7	711.19	A
Grapefruit		62.10	46	586.80	A
Landscape Maintenance		6.93			
		0.14	2	110.00	A
Total Pounds On This Commodity	7.07				
Lemon		448.58	146	4,303.01	A
Melon		10.49	1	156.00	A
N-Grnhs Flower		43.52	297	505.48	A
		3.03	33	1,032,280.00	S
Total Pounds On This Commodity	46.55				
N-Grnhs Plants In Containers		30.16	204	441.75	A
		10.14	146	3,976,965.00	S
Total Pounds On This Commodity	40.31				
N-Grnhs Transplants		0.72	21	137,000.00	S
		0.62	29	9.81	A
Total Pounds On This Commodity	1.34				
N-Outdr Flower		3.00	27	44.74	A
		0.55	6	218,250.00	S
Total Pounds On This Commodity	3.55				
N-Outdr Plants In Containers		69.05	200	2,132.18	A
		0.83	14	340,972.00	S
		0.13	1	1.00	U
Total Pounds On This Commodity	70.00				
N-Outdr Transplants		2.06	11	32.90	A
		0.30	4	25,700.00	S
Total Pounds On This Commodity	2.35				
Nectarine		132.85	152	1,465.86	A
Olive		31.92	12	356.79	A
Onion, Dry		0.53	1	10.00	A
Orange		5,128.09	1,840	49,713.58	A
Peach		154.24	166	1,704.23	A
Pear		17.82	12	203.00	A
Pistachio		65.89	41	5,340.00	A
Plum		345.93	240	3,890.65	A
Pomelo		14.23	11	132.50	A
Prune		16.63	3	175.00	A
Public Health		40.25			
Regulatory Pest Control		96.42		12,188.35	A
		4.74			
Total Pounds On This Commodity	101.16				
Research Commodity		0.05			
Rights Of Way		0.12			
Strawberry		191.21	69	2,710.76	A
Structural Pest Control		254.78			
Tangelo		83.58	49	772.93	A
Tangerine		381.33	129	3,992.79	A
Tomato		99.32	44	1,933.20	A
Tomato, Processing		8.61	1	152.40	A
Unknown		0.59	5	3.50	A
Walnut		182.26	68	2,310.38	A
Watermelon		2.83	2	42.08	A
Chemical Total		12,004.94	5,710		
PYRITHIOBAC-SODIUM					
Cotton		1,065.76	363	23,087.39	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		1,065.76	363		
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS					
Almond		157.03	27	1,389.00	A
Apple		94.01	37	465.08	A
Apricot		39.43	30	253.30	A
Arrugula		3.74	66	90.65	A
Artichoke, Globe		0.23	4	0.40	A
Asian Pear		0.23	2	3.00	A
Basil, Sweet		0.27	4	15.39	A
Bean, Succulent		4.82	1	11.00	A
Beet		0.16	1	2.80	A
Blackberry		40.82	33	263.10	A
Blueberry		167.90	20	552.04	A
Bok Choy		24.63	12	58.27	A
Boysenberry		0.58	2	1.50	A
Broccoli		96.07	23	233.72	A
		0.03	1	2,000.00	S
Total Pounds On This Commodity	96.10				
Cabbage		149.58	28	392.01	A
Carrot		875.35	47	3,185.81	A
Cauliflower		2.78	9	24.42	A
Celery		415.06	147	1,275.93	A
Cherry		18.68	10	113.00	A
Chervil		0.19	8	2.42	A
Chicory		52.38	11	124.10	A
Corn Salad		12.07	12	35.10	A
Cucumber		38.47	21	115.35	A
Edible Flowers		0.03	2	0.22	A
Eggplant		0.11	1	2.00	A
Endive (Escarole)		28.34	138	236.39	A
Fennel		5.17	1	11.80	A
Garlic		8.80	10	129.70	A
Grape		2,021.90	328	10,659.38	A
Grape, Wine		6,264.69	1,727	21,550.29	A
Herb, Spice		4.30	50	28.53	A
		0.07	7	2,500.00	S
Total Pounds On This Commodity	4.37				
Kale		2.46	24	21.20	A
Landscape Maintenance		20.90			
Leek		3.50	1	8.00	A
Lemon		0.29	1	2.00	A
Lettuce, Head		280.88	219	1,899.49	A
		0.16	5	6,400.00	S
Total Pounds On This Commodity	281.04				
Lettuce, Leaf		821.48	864	4,443.76	A
		0.52	17	25,200.00	S
Total Pounds On This Commodity	822.00				
Mint		57.25	22	70.45	A
		1.97	9	11.00	U
Total Pounds On This Commodity	59.22				
Mizuna		0.25	1	4.40	A
Mushroom		47.03	72	477,140.00	S
Mustard		15.45	39	35.67	A
N-Grnhs Flower		96.41	389	1,392.28	A
		3.51	17	1,070,010.00	S
Total Pounds On This Commodity	99.92				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Plants In Containers		11.69	64	84.02	A
		11.54	241	2,908,332.00	S
		< 0.01	2	200.00	U
Total Pounds On This Commodity	23.24				
N-Grnhs Transplants		15.46	85	1,575,153.00	S
		6.95	131	52.35	A
Total Pounds On This Commodity	22.41				
N-Outdr Flower		25.71	56	359.20	A
		0.46	2	174,240.00	S
Total Pounds On This Commodity	26.16				
N-Outdr Plants In Containers		28.19	77	126.27	A
		2.08	88	634,867.00	S
		0.04	2	420.00	U
Total Pounds On This Commodity	30.32				
N-Outdr Transplants		63.38	259	7,228,923.00	S
		11.78	130	80.58	A
Total Pounds On This Commodity	75.16				
Nectarine		362.88	150	1,262.47	A
Onion, Dry		243.73	19	772.80	A
Onion, Green		54.16	7	123.65	A
Parsley		18.60	7	44.98	A
		< 0.01	1	1,200.00	S
Total Pounds On This Commodity	18.60				
Peach		370.73	157	1,352.32	A
Pear		21.66	5	83.00	A
Pepper, Fruiting		49.55	21	590.80	A
Plum		111.27	23	418.26	A
Pluot		1.17	3	6.00	A
Potato		184.95	35	2,168.95	A
Pumpkin		9.34	4	27.00	A
Quince		13.58	8	32.00	A
Radicchio		92.88	9	307.00	A
Radish		3.19	6	7.50	A
Rappini		262.10	40	644.30	A
Raspberry		20.64	33	253.39	A
Regulatory Pest Control		< 0.01			
Research Commodity		1.75			
Rhubarb		0.01	4	0.40	A
Sage		0.03	1	0.97	A
Spinach		355.48	525	2,806.95	A
Squash		4.57	6	67.66	A
Squash, Summer		0.85	4	10.00	A
Strawberry		1,585.61	854	17,639.06	A
Structural Pest Control		0.03			
Swiss Chard		2.08	30	63.86	A
Tangerine		100.48	38	688.20	A
Tomatillo		1.56	4	30.66	A
Tomato		59.37	53	319.11	A
		0.07	5	5,340.00	S
Total Pounds On This Commodity	59.44				
Tomato, Processing		86.19	28	869.10	A
Unknown		0.44	1	2.00	A
Vegetable		< 0.01	1	0.25	A
Vertebrate Control		55.80	8	326.63	A
Watermelon		5.78	3	101.50	A
Chemical Total		16,137.84	7,730		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
QUILLAJA					
Almond		2.62	5	176.00	A
Apple		1.09	3	48.70	A
Apricot		< 0.01	1	0.10	A
Carrot		5.68	6	567.00	A
Cherry		4.08	27	228.31	A
Grape		21.20	25	1,528.00	A
Grape, Wine		336.78	1,500	19,528.02	A
Herb, Spice		0.55	14	69.00	A
Landscape Maintenance		0.12			
Lemon		0.56	2	10.00	A
Nectarine		0.01	3	0.70	A
Orange		26.72	2	21.50	A
Peach		0.39	8	32.72	A
Plum		0.08	4	6.50	A
Stone Fruit		< 0.01	3	0.30	A
Strawberry		6.60	17	242.90	A
Tangelo		0.11	1	2.00	A
Chemical Total		406.62	1,621		
QUINCLORAC					
Landscape Maintenance		784.96			
		3.08	5	123.50	A
		0.32	9	132,000.00	S
Total Pounds On This Commodity	< 0.01				
Rights Of Way		0.20			
Structural Pest Control		0.37			
Turf/Sod		4.16	1	27.63	A
		1.29	3	79,000.00	S
Total Pounds On This Commodity	5.45				
Unknown		0.09	1	2,000.00	S
Chemical Total		794.47	19		
QUINOXYFEN					
Cantaloupe		32.25	10	462.70	A
Cherry		1,076.75	343	9,830.34	A
Commodity Fumigation		0.01			
Grape		6,409.30	1,523	61,977.13	A
Grape, Wine		16,582.28	5,046	174,100.43	A
Landscape Maintenance		0.48			
Lemon		3.30	3	64.00	A
Melon		103.74	40	1,312.47	A
N-Grnhs Transplants		< 0.01	1	0.03	A
N-Outdr Plants In Containers		10.68	6	111.25	A
Olive		0.13	2	2.00	A
Pepper, Fruiting		211.53	79	2,383.82	A
Plum		2.21	1	23.00	A
Research Commodity		0.01		0.10	A
Rights Of Way		0.02			
Squash		0.30	3	10.00	A
Strawberry		2,662.16	682	27,016.38	A
Vertebrate Control		50.14	7	399.75	A
Watermelon		423.76	159	4,867.42	A
Chemical Total		27,569.04	7,905		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
RED CABBAGE COLOR					
Alfalfa		0.28	1	40.00	A
Corn (Forage - Fodder)		0.41	1	57.98	A
Nectarine		28.39	4	187.00	A
Orange		59.80	4	395.00	A
Tomato, Processing		0.48	1	42.30	A
Chemical Total		89.36	11		
RESMETHRIN					
Commodity Fumigation		1.12			
Fumigation, Other		2.18			
Landscape Maintenance		1.14			
N-Grnhs Plants In Containers		< 0.01	3	6.00	A
N-Outdr Flower		< 0.01	1	0.50	A
N-Outdr Plants In Containers		0.81	6	4.12	A
Public Health		22.97			
Regulatory Pest Control		17.51			
		0.64		99,999.00	C
Total Pounds On This Commodity	18.15				
Structural Pest Control		162.53			
Chemical Total		208.90	10		
RESMETHRIN, OTHER RELATED					
N-Outdr Plants In Containers		< 0.01	4	3.00	A
Public Health		0.18			
Regulatory Pest Control		0.09		99,999.00	C
Structural Pest Control		0.03			
Chemical Total		0.30	4		
REYNOUTRIA SACHALINENSIS					
Grape, Wine		11.42	5	43.12	A
Lettuce, Head		20.12	24	167.35	A
Lettuce, Leaf		90.12	96	799.35	A
N-Grnhs Flower		0.94	1	0.60	A
N-Grnhs Plants In Containers		10.84	6	9.25	A
N-Outdr Flower		2.93	1	8.00	A
Spinach		0.70	1	5.00	A
Strawberry		34.38	17	238.50	A
Tomato		2.39	2	17.00	A
Walnut		5.05	3	9.00	A
Chemical Total		178.89	156		
RIMSULFURON					
Almond		2,434.48	1,052	52,576.65	A
Apricot		220.19	28	538.35	A
Cherry		60.61	69	1,655.63	A
Citrus		4.96	9	85.06	A
Corn (Forage - Fodder)		84.62	137	6,291.85	A
Corn, Grain		0.46	1	39.00	A
Grape		765.36	664	21,267.80	A
Grape, Wine		1,195.08	951	35,024.71	A
Grapefruit		9.62	30	238.77	A
Landscape Maintenance		0.63			
Lemon		41.55	27	377.50	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		2.00	2	32.00	A
N-Outdr Transplants		2.24	3	36.00	A
Nectarine		3,911.01	273	2,281.10	A
Orange		1,362.63	710	16,450.64	A
Peach		598.71	392	4,015.41	A
Pear		6.44	8	138.60	A
Pecan		0.41	1	6.50	A
Pistachio		2,757.99	239	14,435.04	A
Plum		199.83	273	4,404.73	A
Pluot		0.04	1	2.50	A
Pomelo		1.78	6	28.50	A
Potato		175.59	134	7,726.84	A
Prune		64.78	51	2,162.86	A
Rangeland		1.50	1	50.00	A
Research Commodity		0.43			
Rights Of Way		26.68			
Soil Fumigation/Preplant		1.78	4	57.00	A
Structural Pest Control		2.38	1	38.00	A
Tangelo		21.43	29	387.89	A
Tangerine		249.78	149	2,407.15	A
Tomato		23.40	67	2,015.53	A
Tomato, Processing		1,340.84	1,410	76,266.07	A
Uncultivated Non-Ag		0.63	2	10.00	A
Walnut		231.45	162	4,497.91	A
Chemical Total		15,801.29	6,886		
ROTENONE					
Artichoke, Globe		0.05	2	5.00	A
Avocado		0.18	5	17.00	A
Basil, Sweet		0.67	33	91.00	A
Bean, Succulent		0.10	1	21.00	A
Beet		0.03	1	3.00	A
Bok Choy		< 0.01	1	2.00	A
Broccoli		0.02	3	2.50	A
Brussels Sprout		0.08	1	17.00	A
Cabbage		0.02	4	2.05	A
Cactus Pear		3.78	37	703.40	A
Cauliflower		< 0.01	2	0.85	A
Celery		0.44	6	68.10	A
Chinese Cabbage (Nappa)		0.33	12	46.50	A
Chive		1.37	32	185.50	A
Cilantro		1.63	37	218.50	A
Collard		0.15	3	51.45	A
Cucumber		0.22	36	37.25	A
Dill		1.37	35	187.00	A
Eggplant		0.01	2	1.50	A
Grape		0.39	1	40.00	A
Grape, Wine		0.10	1	6.71	A
Herb, Spice		1.12	58	169.00	A
		0.30	28	48.50	U
		< 0.01	1	37,000.00	S
Total Pounds On This Commodity	1.42				
Kale		0.21	5	24.68	A
Kohlrabi		< 0.01	1	1.00	A
Landscape Maintenance		0.46			
Lettuce, Head		0.52	5	52.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		0.34	17	54.51	A
Mint		1.18	49	170.00	A
N-Grnhs Flower		0.14	42	33.00	A
N-Grnhs Plants In Containers		0.24	20	40.00	A
		0.08	6	187,600.00	S
Total Pounds On This Commodity	0.33				
N-Grnhs Transplants		0.59	125	50.38	A
N-Outdr Flower		0.05	7	7.62	A
N-Outdr Plants In Containers		0.50	25	52.00	A
		0.01	1	23,600.00	S
Total Pounds On This Commodity	0.51				
N-Outdr Transplants		0.49	45	57.06	A
Onion, Green		0.02	1	2.00	A
Oregano		0.82	31	111.50	A
Parsley		0.03	3	4.50	A
Peas		0.06	2	12.00	A
Pepper, Fruiting		< 0.01	1	0.75	A
Persimmon		0.04	5	17.00	A
Public Health		0.09			
Raspberry		< 0.01	1	0.50	A
Research Commodity		< 0.01			
Rosemary		0.04	5	6.00	A
Sage		0.30	6	40.50	A
Spinach		1.44	39	172.22	A
Strawberry		< 0.01	1	1.00	A
Structural Pest Control		0.90			
Thyme		0.66	18	90.50	A
Tomato		13.34	34	2,005.00	A
Unknown		< 0.01	1	1.00	A
Chemical Total		< 0.01	838		
ROTENONE, OTHER RELATED					
Artichoke, Globe		0.05	2	5.00	A
Avocado		0.18	5	17.00	A
Basil, Sweet		0.67	33	91.00	A
Bean, Succulent		0.10	1	21.00	A
Beet		0.03	1	3.00	A
Bok Choy		< 0.01	1	2.00	A
Broccoli		0.02	3	2.50	A
Brussels Sprout		0.08	1	17.00	A
Cabbage		0.02	4	2.05	A
Cactus Pear		3.78	37	703.40	A
Cauliflower		< 0.01	2	0.85	A
Celery		0.44	6	68.10	A
Chinese Cabbage (Nappa)		0.33	12	46.50	A
Chive		1.37	32	185.50	A
Cilantro		1.63	37	218.50	A
Collard		0.15	3	51.45	A
Cucumber		0.22	36	37.25	A
Dill		1.37	35	187.00	A
Eggplant		0.01	2	1.50	A
Grape		0.39	1	40.00	A
Grape, Wine		0.10	1	6.71	A
Herb, Spice		1.12	58	169.00	A
		0.30	28	48.50	U
		< 0.01	1	37,000.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	1.42				
Kale		0.21	5	24.68	A
Kohlrabi		< 0.01	1	1.00	A
Landscape Maintenance		0.46			
Lettuce, Head		0.52	5	52.70	A
Lettuce, Leaf		0.34	17	54.51	A
Mint		1.18	49	170.00	A
N-Grnhs Flower		0.14	42	33.00	A
N-Grnhs Plants In Containers		0.24	20	40.00	A
		0.08	6	187,600.00	S
Total Pounds On This Commodity	0.33				
N-Grnhs Transplants		0.59	125	50.38	A
N-Outdr Flower		0.05	7	7.62	A
N-Outdr Plants In Containers		0.50	25	52.00	A
		0.01	1	23,600.00	S
Total Pounds On This Commodity	0.51				
N-Outdr Transplants		0.49	45	57.06	A
Onion, Green		0.02	1	2.00	A
Oregano		0.82	31	111.50	A
Parsley		0.03	3	4.50	A
Peas		0.06	2	12.00	A
Pepper, Fruiting		< 0.01	1	0.75	A
Persimmon		0.04	5	17.00	A
Public Health		0.18			
Raspberry		< 0.01	1	0.50	A
Research Commodity		< 0.01			
Rosemary		0.04	5	6.00	A
Sage		0.30	6	40.50	A
Spinach		1.44	39	172.22	A
Strawberry		< 0.01	1	1.00	A
Structural Pest Control		1.47			
Thyme		0.66	18	90.50	A
Tomato		13.34	34	2,005.00	A
Unknown		< 0.01	1	1.00	A
Chemical Total		< 0.01	838		
RYANODINE ALKALOID					
Tangerine		0.48	2	48.40	A
Chemical Total		0.48	2		
SABADILLA ALKALOIDS					
Avocado		12.25	13	433.49	A
Citrus		0.58	2	32.00	A
Grapefruit		2.32	6	102.25	A
Lemon		1.20	2	50.00	A
N-Grnhs Plants In Containers		0.31	51	9.90	A
N-Outdr Plants In Containers		2.59	17	92.88	A
Orange		48.86	89	2,207.16	A
Tangelo		0.51	2	25.00	A
Tangerine		19.40	49	1,155.95	A
Chemical Total		88.02	231		
SALICYLIC AND BENZOIC ESTERS OF PROPYLENE GLYCOL					
Cabbage		0.02	1	11.50	A
Chemical Total		0.02	1		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SAPONIN				
Grape	21.82	8	326.00	A
Grape, Wine	0.27	1	2.50	A
Grapefruit	7.76	2	30.00	A
Lettuce, Leaf	1.48	2	26.00	A
Orange	327.04	47	1,156.00	A
Tangerine	10.70	2	40.00	A
Chemical Total	369.07	62		
SAWDUST				
Rights Of Way	< 0.01			
Chemical Total	< 0.01			
SESAME OIL				
Alfalfa	633.29	20	1,049.00	A
Apple	1.41	1	5.00	A
Arrugula	1.00	1	1.90	A
Artichoke, Globe	3.82	1	7.20	A
Bean, Succulent	1.06	1	2.00	A
Bean, Unspecified	0.03	2	0.18	A
Beet	1.27	1	2.40	A
Cauliflower	3.55	1	10.04	A
Celery	8.48	1	12.00	A
Corn, Human Consumption	1.06	1	2.00	A
Grape, Wine	5.65	2	5.50	A
Landscape Maintenance	22.97			
Lettuce, Leaf	40.30	13	70.70	A
Mizuna	0.74	1	1.40	A
N-Grnhs Transplants	2.66	22	263,500.00	S
N-Outdr Plants In Containers	12.32	12	11.62	A
Onion, Dry	7.86	1	44.48	A
Pear	1.41	2	4.00	A
Radicchio	28.27	1	80.00	A
Spinach	25.91	2	40.00	A
Strawberry	46.12	15	89.00	A
Swiss Chard	1.37	1	2.60	A
Chemical Total	850.58	102		
SETHOXYDIM				
Alfalfa	2,980.46	184	8,799.49	A
Almond	5,364.85	317	21,045.25	A
Apple	19.85	5	86.50	A
Apricot	19.94	2	56.86	A
Arrugula	13.94	2	53.00	A
Artichoke, Globe	0.73	1	2.75	A
Asparagus	335.69	25	913.50	A
Bean, Dried	520.67	34	1,343.00	A
Bean, Succulent	76.05	9	190.00	A
Bean, Unspecified	8.81	3	24.00	A
Beet	4.39	1	12.50	A
Broccoli	298.02	30	1,277.62	A
Cabbage	38.23	8	159.50	A
Cantaloupe	149.05	16	1,043.60	A
Carrot	308.15	31	1,069.01	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cauliflower		50.87	5	185.00	A
Celery		68.00	14	259.92	A
Cherry		52.52	16	212.00	A
Cilantro		49.81	12	157.00	A
Citrus		52.57	1	12.00	A
Clover		131.92	13	374.87	A
Corn (Forage - Fodder)		24.82	3	104.90	A
Corn, Human Consumption		3.50	1	20.00	A
Cotton		2,063.71	46	6,270.64	A
Cucumber		124.61	12	447.76	A
Eggplant		0.22	1	0.50	A
Fava Bean		15.77	1	40.00	A
Forage Hay/Silage		48.73	2	180.00	A
Garlic		128.68	5	559.00	A
Grape		1,348.40	92	6,180.96	A
Grape, Wine		3,585.14	304	14,736.77	A
Grapefruit		7.01	1	40.00	A
Herb, Spice		10.51	2	30.00	A
Kohlrabi		0.26	1	1.00	A
Landscape Maintenance		58.60			
Lettuce, Head		470.00	60	2,214.11	A
Lettuce, Leaf		202.18	30	887.24	A
Melon		168.69	27	864.32	A
Mint		0.68	2	2.50	A
N-Outdr Flower		40.23	8	104.12	A
N-Outdr Plants In Containers		47.24	10	126.45	A
N-Outdr Transplants		10.30	4	34.00	A
Nectarine		0.31	1	0.50	A
Oat (Forage - Fodder)		0.35	1	10.00	A
Olive		49.44	6	480.00	A
Onion, Dry		1,373.25	95	5,338.22	A
Onion, Green		2.25	1	8.00	A
Orange		2.44	1	6.50	A
Parsley		5.96	3	23.00	A
Peach		87.78	10	120.25	A
Pear		5.27	3	20.00	A
Pecan		28.19	3	64.00	A
Pepper, Fruiting		17.43	7	65.10	A
Pistachio		25.79	3	44.18	A
Pomegranate		151.20	11	506.64	A
Potato		113.82	5	436.50	A
Prune		60.80	10	265.99	A
Pumpkin		46.90	7	179.80	A
Rappini		225.78	24	911.60	A
Regulatory Pest Control		0.88			
		0.31		0.50	A
Total Pounds On This Commodity	1.18				
Rights Of Way		414.87			
		17.07	6	51.00	A
Total Pounds On This Commodity	431.94				
Safflower		2.90	2	7.50	A
Soil Fumigation/Preplant		28.61	2	101.00	A
Spinach		2.73	2	10.00	A
Squash		7.48	4	47.10	A
Strawberry		0.06	1	1.50	A
Structural Pest Control		10.51			
Sugarbeet		256.74	22	1,279.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sunflower		95.18	11	310.50	A
Tomato		25.27	15	92.34	A
Tomato, Processing		1,289.55	83	5,260.28	A
Uncultivated Ag		172.69	11	414.00	A
Uncultivated Non-Ag		1.33	2	4.50	A
Unknown		0.28	1	1.00	A
Walnut		542.25	109	2,989.42	A
Watermelon		251.04	19	870.65	A
Chemical Total		24,220.49	1,822		
SIDURON					
Landscape Maintenance		223.82			
Turf/Sod		4,104.90	31	738.68	A
Unknown		41.50	1	10.00	A
Chemical Total		4,370.22	32		
SILICA AEROGEL					
Landscape Maintenance		187.37			
		1.25	4	308.00	A
Total Pounds On This Commodity	< 0.01				
Public Health		56.01			
Regulatory Pest Control		0.12			
Rights Of Way		0.35			
Structural Pest Control		5,741.61			
Chemical Total		5,986.70	4		
SILICONE					
Almond		0.10	3	21.00	A
Grape, Wine		2.72	117	2,032.48	A
Landscape Maintenance		0.43			
Pastureland		0.12		4.50	A
Rights Of Way		3.42			
Walnut		28.05	94	2,424.50	A
Chemical Total		34.84	214		
SILICONE DEFOAMER					
Alfalfa		5.58	253	11,619.20	A
Almond		83.54	486	31,406.83	A
Animal Premise		0.27		34.00	U
Apple		0.06	15	100.00	A
Apricot		0.13	7	127.60	A
Arrugula		0.05	12	85.20	A
Artichoke, Globe		0.35	21	199.40	A
Asparagus		1.67	17	1,360.10	A
Avocado		0.75	138	538.00	A
		0.05	3	480,000.00	U
Total Pounds On This Commodity	0.80				
Bean, Dried		0.62	63	1,789.80	A
Bean, Succulent		0.06	4	101.50	A
Beet		< 0.01	2	7.00	A
Blackberry		0.07	15	86.37	A
Blueberry		0.13	7	137.50	A
Bok Choy		0.06	44	67.70	A
Broccoli		5.78	498	6,841.45	A
Brussels Sprout		0.19	12	221.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cabbage		0.19	27	174.50	A
Cantaloupe		0.11	9	276.00	A
Carrot		0.30	25	586.66	A
Cauliflower		1.82	213	2,270.29	A
Celery		1.59	287	2,068.31	A
Cherry		3.14	35	1,221.60	A
Chicory		0.19	7	107.90	A
Chinese Cabbage (Nappa)		0.18	40	209.20	A
Cilantro		0.06	15	72.70	A
Citrus		0.06	4	70.00	A
Corn (Forage - Fodder)		2.56	157	5,466.74	A
Corn, Human Consumption		0.86	91	2,853.56	A
Cotton		5.83	331	10,761.52	A
Cucumber		< 0.01	1	10.00	A
Endive (Escarole)		0.14	23	139.10	A
Fennel		0.32	91	471.90	A
Forage Hay/Silage		0.16	19	699.80	A
Garbanzo Bean		0.06	1	66.00	A
Grape		38.05	1,073	44,303.76	A
Grape, Wine		23.78	631	26,168.65	A
Grapefruit		0.03	7	60.00	A
Kale		0.02	7	30.10	A
Kiwi		< 0.01	1	0.66	A
Landscape Maintenance		4.97			
		0.04	5	248.00	A
Total Pounds On This Commodity	5.01				
Leek		< 0.01	13	3.25	A
Lemon		0.04	5	42.00	A
Lettuce, Head		21.38	1,936	24,821.12	A
Lettuce, Leaf		13.81	1,440	13,300.54	A
Melon		0.13	8	278.90	A
Mint		0.03	5	153.00	A
Mustard		0.03	22	21.26	A
N-Grnhs Flower		2.41	322	1,325.79	A
		0.60	84	2,841,400.00	S
Total Pounds On This Commodity	3.01				
N-Grnhs Plants In Containers		1.33	548	1,230.21	A
		0.23	147	5,252,456.00	S
Total Pounds On This Commodity	1.56				
N-Outdr Flower		1.06	353	2,264.46	A
		< 0.01	5	180,000.00	S
Total Pounds On This Commodity	1.07				
N-Outdr Plants In Containers		2.74	1,147	2,309.42	A
		0.04	40	829,600.00	S
Total Pounds On This Commodity	2.78				
N-Outdr Transplants		0.53	89	292.83	A
		0.22	123	11,589,600.00	S
		0.01	1	75,000.00	U
Total Pounds On This Commodity	0.77				
Nectarine		3.15	254	4,061.52	A
Oat		0.02	2	37.00	A
Oat (Forage - Fodder)		0.19	8	334.00	A
Olive		0.02	2	29.00	A
Onion, Dry		0.10	9	203.60	A
Orange		4.13	202	4,177.20	A
Parsley		0.02	3	28.50	A
Pastureland		0.03	1	160.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach		8.77	257	5,332.35	A
Pear		0.02	11	17.50	A
Peas		0.16	26	266.40	A
Pepper, Fruiting		0.13	6	202.00	A
Pepper, Spice		0.02	1	56.70	A
Persimmon		0.05	2	32.00	A
Pistachio		19.78	94	9,037.94	A
Plum		1.37	141	1,978.24	A
Pomegranate		0.50	26	341.00	A
Potato		0.06	4	290.00	A
Poultry		0.01		14.00	U
Prune		0.28	4	235.00	A
Pumpkin		< 0.01	4	26.00	A
Quince		0.04	2	25.00	A
Radish		0.01	14	9.35	A
Rangeland		0.01	1	15.00	A
Rappini		0.04	3	46.30	A
Raspberry		1.01	111	1,113.73	A
Research Commodity		< 0.01			
Rice		9.72	98	9,508.98	A
Rice, Wild		0.05	8	294.00	A
Rights Of Way		1.10			
		0.62	4	332.00	A
Total Pounds On This Commodity	1.73				
Soil Fumigation/Preplant		0.03	1	30.00	A
Sorghum/Milo		0.07	1	85.00	A
Spinach		0.05	21	35.90	A
Squash		< 0.01	3	71.00	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		12.22	486	10,105.10	A
Structural Pest Control		49.73			
Sudangrass		0.01	2	80.00	A
Sunflower		0.48	12	886.00	A
Tangelo		0.03	5	21.75	A
Tangerine		1.75	37	2,048.80	A
Timothy		0.42	36	1,328.80	A
Tomato		2.30	70	2,558.35	A
Tomato, Processing		2.74	68	5,287.42	A
Turnip		0.01	12	8.11	A
Uncultivated Ag		0.08	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	0.08				
Uncultivated Non-Ag		0.07	3	11.25	A
Unknown		0.01	4	2.00	A
Walnut		9.44	146	4,063.93	A
Watermelon		0.05	11	108.00	A
Wheat		0.14	9	388.00	A
Chemical Total		359.52	13,221		
SILVER, IONIC					
N-Grnhs Flower		< 0.01	1	40.00	U
Structural Pest Control		< 0.01			
Vertebrate Control		< 0.01			
Chemical Total		< 0.01	1		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SIMAZINE					
Almond		48,198.33	1,252	91,998.86	A
		150.19	2	221.00	U
Total Pounds On This Commodity	< 0.01				
Apple		181.42	9	183.29	A
Avocado		9,790.09	874	7,079.75	A
Blueberry		311.47	15	224.84	A
Cherry		316.34	21	344.90	A
Christmas Tree		10.01	1	5.00	A
Citrus		110.89	6	41.75	A
Corn, Human Consumption		180.48	9	171.00	A
Forest, Timberland		99.56	2	60.00	A
Grape		46,317.69	1,434	51,970.54	A
Grape, Wine		89,794.37	2,193	83,439.21	A
Grapefruit		2,491.79	153	1,145.85	A
Landscape Maintenance		7,714.47			
		19.02	2	11.00	A
Total Pounds On This Commodity	7,733.50				
Lemon		7,345.88	238	5,531.86	A
N-Grnhs Flower		0.60	1	0.30	A
N-Outdr Flower		52.56	6	22.83	A
		0.02	1	7,500.00	S
Total Pounds On This Commodity	52.58				
N-Outdr Plants In Containers		294.23	45	131.72	A
		4.27	3	13,500.00	S
Total Pounds On This Commodity	298.50				
Nectarine		1,255.64	140	1,947.13	A
Olive		10,271.99	201	5,582.32	A
Orange		139,192.91	2,353	59,660.45	A
Peach		1,860.04	229	2,704.17	A
Pear		907.91	14	226.60	A
Pecan		76.85	3	54.00	A
Plum		48.15	4	41.50	A
Pluot		1.25	1	2.50	A
Research Commodity		< 0.01			
Rights Of Way		11,988.65			
		411.45	6	103.00	A
Total Pounds On This Commodity	12,400.10				
Structural Pest Control		58.58	7	67.00	A
		19.10			
Total Pounds On This Commodity	77.68				
Tangelo		4.50	1	2.75	A
Tangerine		183.74	15	109.61	A
Turf/Sod		104.07	7	86.00	A
		8.95	1	400,000.00	S
Total Pounds On This Commodity	113.03				
Uncultivated Ag		842.69	7	275.00	A
Uncultivated Non-Ag		721.12	17	252.50	A
Walnut		33,757.40	982	23,862.91	A
		37.47	4	50.00	U
Total Pounds On This Commodity	33,794.86				
Chemical Total		415,136.14	10,259		
SODIUM ALKYLARYL SULFONATE					
Almond		11.06	3	181.00	A
Chemical Total		11.06	3		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM ARSENATE					
Structural Pest Control		0.04			
Chemical Total		0.04			
SODIUM BENZENE SULFONATE					
Grape		0.26	1	18.00	A
Soil Fumigation/Preplant		1.14	1	30.00	A
Chemical Total		1.39	2		
SODIUM BENZOATE					
N-Outdr Plants In Containers		0.19	1	1.00	A
Chemical Total		0.19	1		
SODIUM BICARBONATE					
Cabbage		0.04	1	5.00	A
N-Outdr Flower		21.00	3	21.00	A
Strawberry		6.25	1	25.00	A
Uncultivated Ag		0.02	1	6.00	A
Chemical Total		27.31	6		
SODIUM BISULFATE					
Celery		4.63	2	76.90	A
Chemical Total		4.63	2		
SODIUM BROMIDE					
Landscape Maintenance		11,088.09			
Rights Of Way		115.09			
Structural Pest Control		375.29			
Tomato		25.99	1	105.00	A
Unknown		1,248.78		49.00	U
Water (Industrlial)		81,533.60		418.00	U
		51,301.69		540.00	A
		2.50		130,680.00	C
Total Pounds On This Commodity	132,837.79				
Water Area		171.26		16.00	A
		49.81		1.00	U
Total Pounds On This Commodity	221.07				
Chemical Total		145,912.10	1		
SODIUM BROMOSULFAMATE AND SODIUM CHLOROSULFAMATE					
Landscape Maintenance		2,233.48			
Chemical Total		2,233.48			
SODIUM PARA-TERT-BUTYLPHENATE					
N-Grnhs Plants In Containers		0.58	2	0.40	A
Chemical Total		0.58	2		
SODIUM CACODYLATE					
Landscape Maintenance		1.47			
Chemical Total		1.47			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM CARBONATE					
Landscape Maintenance		1.25			
		0.07	1	7.00	A
Total Pounds On This Commodity	< 0.01				
Lettuce, Leaf		0.13	1	8.42	A
N-Grnhs Plants In Containers		0.24		3.00	A
Structural Pest Control		< 0.01			
Chemical Total		< 0.01	2		
SODIUM CARBONATE PEROXYHYDRATE					
Ditch Bank		12.75		43,360.00	C
Landscape Maintenance		73,005.48			
		170.00	1	30.00	A
Total Pounds On This Commodity	73,175.48				
N-Grnhs Flower		121.55	10	100,555.00	S
N-Grnhs Plants In Containers		278.29	8	105,000.00	S
N-Grnhs Transplants		0.54	4	17.50	A
N-Outdr Plants In Containers		51.00	1	20,000.00	S
Rice		16,650.58	31	1,177.00	A
Rice, Wild		212.50	1	10.00	A
Rights Of Way		5,876.90			
Water (Industrlial)		255.00		105,706.00	P
		42.50		2.00	A
Total Pounds On This Commodity	297.50				
Water Area		10,507.70		6,090,568.00	C
		1,326.00		37.00	A
		187.00		7,840.00	K
		85.00		1.00	U
Total Pounds On This Commodity	12,105.70				
Chemical Total		108,782.79	56		
SODIUM CHLORATE					
Bean, Dried		6,358.60	25	1,104.70	A
Corn (Forage - Fodder)		1,059.70	3	182.00	A
Cotton		117,771.76	439	25,278.94	A
Garbanzo Bean		3,038.68	8	511.00	A
Landscape Maintenance		34.55			
Pepper, Fruiting		1,743.45	13	181.05	A
Pepper, Spice		3,160.12	23	444.26	A
Rice		4,259.55	15	733.60	A
Safflower		1,079.09	3	180.00	A
Sorghum/Milo		1,494.39	7	255.56	A
Squash		209.82	1	35.00	A
Sunflower		10,729.43	26	1,793.50	A
Watermelon		293.75	1	49.00	A
Chemical Total		151,232.89	564		
SODIUM CHLORIDE					
Animal Premise		1.93		15.00	U
Fumigation, Other		0.03			
Landscape Maintenance		0.15			
Rights Of Way		0.30			
Structural Pest Control		0.30			
Vertebrate Control		0.23			
Chemical Total		2.93			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM CHLORITE					
N-Grnhs Flower		0.09	1	1.50	A
Water (Industrlial)		2,218.25		11.00	A
Chemical Total		2,218.34	1		
SODIUM CYANIDE					
Commodity Fumigation		1,808.10			
Chemical Total		1,808.10			
SODIUM DECYL SULFATE					
Structural Pest Control		284.96			
Chemical Total		284.96			
SODIUM DICHLORO-S-TRIAZINETRIONE					
Landscape Maintenance		534.89			
N-Outdr Plants In Containers		0.03	1	2.50	A
Rights Of Way		8.07			
Water (Industrlial)		127.08		12.00	A
		103.21		71.00	U
Total Pounds On This Commodity	230.28				
Chemical Total		773.27	1		
SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE					
Landscape Maintenance		13,771.89			
Water (Industrlial)		1,061.78		17.00	U
		99.00		4.00	A
Total Pounds On This Commodity	1,160.78				
Chemical Total		14,932.67			
SODIUM DIHEXYL SULFOSUCCINATE					
Structural Pest Control		45.62			
Chemical Total		45.62			
SODIUM DIISOOCTYLSULFOSUCCINATE					
Alfalfa		4.05	8	622.00	A
Almond		0.09	2	32.00	A
Bean, Dried		1.68	5	340.00	A
Cabbage		0.16	3	35.00	A
Carrot		0.18	1	40.00	A
Cherry		0.13	2	30.00	A
Chinese Cabbage (Nappa)		0.03	3	4.50	A
Citrus		0.12	1	2.50	A
Collard		0.20	2	36.00	A
Corn (Forage - Fodder)		0.68	1	148.00	A
Cotton		0.14	1	20.00	A
Endive (Escarole)		0.20	24	34.50	A
Garbanzo Bean		0.49	4	215.00	A
Grape, Wine		4.97	33	724.55	A
Grapefruit		5.23	16	244.60	A
Kale		0.05	7	8.00	A
Lemon		15.08	13	204.00	A
Lettuce, Head		0.01	2	2.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		0.46	44	62.00	A
Melon		1.22	3	260.00	A
N-Grnhs Plants In Containers		0.02	1	30,000.00	S
Olive		6.81	9	256.00	A
Onion, Dry		0.49	7	94.00	A
Orange		227.42	526	11,501.37	A
Parsley		< 0.01	1	1.00	A
Peach		0.57	3	31.00	A
Pistachio		2.72	4	306.00	A
Pomelo		1.21	6	67.00	A
Rice		10.30	19	2,246.30	A
Squash		0.10	1	15.00	A
Storage Area/Box		0.36		1.00	K
Structural Pest Control		2.54			
Sunflower		0.46	1	100.50	A
Tangelo		2.59	6	92.54	A
Tangerine		4.49	20	315.81	A
Tomato, Processing		3.96	10	1,052.50	A
Uncultivated Ag		0.50	1	110.00	A
Walnut		29.20	14	232.00	A
Watermelon		0.07	1	15.00	A
Chemical Total		328.99	805		
SODIUM DIMETHYL DITHIO CARBAMATE					
Water (Industrlial)		6,731.18		7.00	U
		2,261.57		3.00	A
Total Pounds On This Commodity	< 0.01				
Chemical Total		8,992.75			
SODIUM DIOCTYLSULFOSUCCINATE					
Alfalfa		26.02	18	1,296.10	A
Almond		147.58	16	894.00	A
Apple		0.07	3	1.50	A
Bean, Dried		0.65	1	72.00	A
Cherry		7.28	1	10.00	A
Corn (Forage - Fodder)		176.04	88	4,419.67	A
Corn, Human Consumption		11.63	5	230.00	A
Cotton		20.76	23	1,236.70	A
Grape		18.22	50	723.00	A
Grape, Wine		273.53	417	10,447.26	A
Melon		6.60	1	80.00	A
N-Outdr Plants In Containers		7.91	20	264.00	A
Nectarine		95.36	18	524.30	A
Oat (Forage - Fodder)		2.00	1	220.00	A
Olive		13.05	8	267.50	A
Onion, Dry		3.06	1	84.00	A
Peach		5.62	7	63.00	A
Pistachio		23.95	4	543.00	A
Plum		3.40	3	34.00	A
Soil Fumigation/Preplant		1.86	3	76.80	A
Sorghum (Forage - Fodder)		0.97	1	45.00	A
Walnut		75.69	32	866.00	A
Wheat		29.57	2	170.00	A
Wheat (Forage - Fodder)		2.25	8	501.90	A
Chemical Total		953.07	731		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM DODECYLBENZENE SULFONATE				
Alfalfa	28.90	118	6,293.40	A
Almond	6.26	12	475.50	A
Asparagus	13.52	6	693.10	A
Bean, Dried	1.59	22	808.00	A
Corn (Forage - Fodder)	1.22	16	760.00	A
Grape, Wine	1.14	2	117.00	A
N-Outdr Plants In Containers	0.06	1	12.00	A
Olive	0.46	3	257.20	A
Peach	0.19	1	20.00	A
Potato	0.12	1	70.00	A
Sweet Potato	0.12	1	80.00	A
Tomato	0.08	1	28.00	A
Tomato, Processing	1.55	15	1,038.00	A
Chemical Total	55.22	199		
SODIUM FLUORIDE				
Rights Of Way	8,761.03			
Chemical Total	8,761.03			
SODIUM HYDROXIDE				
Alfalfa	170.06	161	7,681.22	A
Almond	812.61	280	11,393.63	A
Apple	54.06	39	985.48	A
Apricot	0.09	6	6.00	A
Asparagus	4.21	2	76.50	A
Bean, Dried	2.80	7	342.00	A
Bean, Succulent	3.24	13	637.00	A
Cantaloupe	0.64	1	70.50	A
Cherry	435.31	120	2,755.50	A
Corn (Forage - Fodder)	282.01	166	7,823.51	A
Corn, Grain	1.39	5	148.79	A
Cotton	27.21	18	999.30	A
Fig	5.03	3	123.00	A
Grape	40.48	36	1,239.33	A
Grape, Wine	1,196.82	179	16,374.25	A
Grapefruit	0.14	1	3.00	A
Landscape Maintenance	1.15			
Lemon	0.83	1	18.00	A
Melon	8.47	22	993.09	A
N-Outdr Plants In Containers	1.37	3	75.00	A
Nectarine	3.00	29	211.50	A
Oat (Forage - Fodder)	1.72	1	50.00	A
Olive	28.06	8	414.00	A
Orange	12.75	12	266.00	A
Peach	28.70	93	1,342.50	A
Pear	9.42	10	243.00	A
Pistachio	24.90	36	817.46	A
Plum	3.18	12	72.25	A
Pomegranate	7.39	6	138.00	A
Potato	3.44	63	1,520.00	A
Rice	28.87	4	260.00	A
Rights Of Way	94.70			
	8.25	1	30.00	A
Total Pounds On This Commodity 102.95				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Soil Fumigation/Preplant		87.60	7	590.20	A
Sunflower		5.67	2	235.00	A
Tangerine		5.91	10	220.00	A
Tomato		4.53	8	317.00	A
Tomato, Processing		68.33	63	3,756.10	A
Uncultivated Ag		116.92	60	4,202.95	A
Uncultivated Non-Ag		0.69	1	5.00	A
Walnut		375.12	314	10,015.30	A
		< 0.01	1	8.00	U
Total Pounds On This Commodity	375.12				
Wheat		1.93	1	70.00	A
Wheat (Forage - Fodder)		2.84	3	146.20	A
Chemical Total		3,971.81	1,808		
SODIUM HYPOCHLORITE					
Alfalfa		8.57	12	5,370.00	U
Almond		23.36	11	335.50	A
Animal Premise		13,935.73		689.00	U
		1,570.38		163.00	A
		339.49			
Total Pounds On This Commodity	15,845.60				
Bean, Unspecified		0.16	1	50.00	U
Broccoli		5.56	10	3,615.00	U
Cabbage		0.33	3	300.00	U
Carrot		70,592.73		462,900.00	T
Cauliflower		0.33	3	450.00	U
Cherry		9.04	7	134.90	A
Citrus		5,863.56		710,731.45	T
		2,167.88		3,788,000.00	U
Total Pounds On This Commodity	8,031.45				
Commodity Fumigation		5,054.22			
Daikon		0.08	1	2.00	A
Farm/Ag Building		9.16		70,000.00	S
Fumigation, Other		3,166.55			
Grain		75.90	71	59,125.00	U
Grape		22.21	8	275.95	A
Grape, Wine		2,783.01	117	6,470.36	A
Grapefruit		814.45		10,290.10	T
Herb, Spice		0.16	1	225.00	U
Industrial Site		1,250.41		11.00	A
		1.18		67,000.00	S
Total Pounds On This Commodity	1,251.59				
Kale		0.33	3	250.00	U
Landscape Maintenance		3,475.98			
		< 0.01	1	50.00	A
Total Pounds On This Commodity	3,475.98				
Lemon		4,897.33		96,207.76	T
		515.18		8,908.20	U
Total Pounds On This Commodity	5,412.50				
Lime		0.20		4.91	T
Melon		312.74		4,400.00	T
N-Grnhs Flower		0.20	2	1.50	A
N-Grnhs Plants In Containers		217.10	13	49.36	A
N-Outdr Transplants		0.06	3	3.00	A
Nectarine		442.20		15,231.10	T
Oat		< 0.01	1	50.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange		48,328.91		1,044,311.42	T
		1,123.61		17,899.20	U
Total Pounds On This Commodity	49,452.51				
Peach		596.11		12,728.57	T
		0.06	1	0.75	A
Total Pounds On This Commodity	596.16				
Pepper, Fruiting		42.48		685.00	T
Persimmon		2.50		16.38	T
Plum		257.20		6,200.47	T
		24.25		1,260.90	U
Total Pounds On This Commodity	281.44				
Pomegranate		570.17		63,617.12	T
		526.04		101,300.00	U
		34.12		300,000.00	P
Total Pounds On This Commodity	1,130.33				
Prune		0.66	1	10.00	A
Rice		3,062.12		25,033.00	K
		7.98	1	113.00	A
Total Pounds On This Commodity	3,070.10				
Rights Of Way		186.46			
Soil Fumigation/Preplant		0.10	1	2.00	A
Soybean		< 0.01	1	150.00	U
Strawberry		32.17	5	230.00	A
Structural Pest Control		3,218.28			
Sunflower		0.16	1	100.00	U
Tangelo		1.05		70.43	T
Tangerine		247.84		7,934.81	T
Tomato		15,102.71		120,431.00	T
Tomato, Processing		4,886.17		25,950.00	U
		630.87		422,824.00	P
Total Pounds On This Commodity	5,517.04				
Uncultivated Ag		0.04	1	35,000.00	S
Unknown		1,146.65		480.00	U
		4.72	1	35,000.00	S
Total Pounds On This Commodity	1,151.38				
Vertebrate Control		46.45			
Water (Industrlial)		9,300.51		636.70	A
		9,002.14		331.00	U
		1.81		130,680.00	C
Total Pounds On This Commodity	18,304.46				
Water Area		438.04		248.75	A
		34.32		1.00	U
Total Pounds On This Commodity	472.37				
Water Filter		68.19		34.00	A
		27.77		17.00	U
Total Pounds On This Commodity	95.96				
Watercress		9.33	1	15.33	A
Wheat		2.54	2	1,850.00	U
Chemical Total		216,520.30	284		
SODIUM LAUROAMPHO ACETATE					
Structural Pest Control		215.06			
Chemical Total		215.06			
SODIUM LAURYL SULFATE					
Structural Pest Control		145.19			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		145.19			
SODIUM METABORATE					
Landscape Maintenance		36.47			
Chemical Total		36.47			
SODIUM METASILICATE					
Almond		< 0.01		117.00	
Landscape Maintenance		0.42			
		0.02	1	7.00	A
Total Pounds On This Commodity	< 0.01				
Rights Of Way		0.07			
Structural Pest Control		< 0.01			
		0.01	4	16,012.00	S
Chemical Total		0.53	5		
SODIUM NITRATE					
Almond		43.89	3	129.00	A
Avocado		0.14	1	1.00	A
Cherry		4.47	1	14.00	A
Grape		1.01	1	6.00	U
Grape, Wine		139.79	6	102.56	A
Landscape Maintenance		292.90			
Oat (Forage - Fodder)		3.31	1	50.00	A
Pastureland			2	10,000.00	S
		3.27	9	103.00	A
Total Pounds On This Commodity	3.27				
Pistachio		42.57	3	175.00	A
Rangeland		35.78	5	29.00	A
Regulatory Pest Control		1.27			
Rights Of Way		623.51			
Structural Pest Control		26.94			
Uncultivated Ag		12.67		25.00	A
Unknown			1	1,000.00	S
Vertebrate Control		4,680.72			
		21.20	2	8.00	U
Total Pounds On This Commodity	4,701.92				
Walnut		232.34	5	123.00	A
Chemical Total		6,165.78	40		
SODIUM PARA-TERT-AMYLPHENATE					
Animal Premise		4.33		6.00	U
Chemical Total		4.33			
SODIUM PERSULFATE					
Kale		< 0.01	1	4.39	A
Landscape Maintenance		0.40	1	4.00	A
Chemical Total		0.41	2		
SODIUM POLYACRYLATE					
Alfalfa		80.41	97	8,716.69	A
Almond		57.63	431	21,598.42	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Apple		0.12	2	8.00	A
Avocado		0.14	5	39.00	A
Bean, Dried		0.54	3	430.00	A
Bean, Succulent		0.03	3	5.25	A
Blueberry		0.05	6	1.75	A
Broccoli		0.35	4	152.00	A
Cabbage		0.01	1	2.00	A
Cantaloupe		0.32	4	266.00	A
Cherry		0.28	9	120.70	A
Corn (Forage - Fodder)		0.21	2	106.00	A
Corn, Human Consumption		0.75	7	320.30	A
Cotton		245.99	289	49,694.08	A
Forage Hay/Silage		0.33	1	70.00	A
Garbanzo Bean		0.04	2	25.00	A
Grape		0.05	1	5.80	A
Grape, Wine		48.85	483	9,327.29	A
Kale		0.32	1	3.00	A
Landscape Maintenance		2.41			
Lemon		< 0.01	1	1.00	A
Lettuce, Head		0.14	2	23.50	A
N-Outdr Flower		43.60	93	438.51	A
N-Outdr Plants In Containers		0.44	62	71.64	A
Nectarine		< 0.01	2	1.25	A
Oat		5.73	3	131.80	A
Olive		0.08	2	37.00	A
Onion, Dry		0.41	3	216.00	A
Orange		0.03	1	24.00	A
Pastureland		< 0.01	1	1.50	A
Peach		0.06	6	26.00	A
Peas		0.01	3	3.50	A
Pistachio		2.45	31	1,986.00	A
Plum		0.44	3	38.25	A
Pomegranate		0.28	3	284.00	A
Rangeland		1.25	17	240.00	A
Raspberry		8.53	9	94.54	A
Rights Of Way		16.45			
		1.84	9	907.50	A
Total Pounds On This Commodity	18.29				
Safflower		0.32	1	135.00	A
Soil Fumigation/Preplant		3.38	2	93.00	A
Strawberry		114.70	32	1,392.61	A
Structural Pest Control		1.12	16	169.69	A
		< 0.01			
Total Pounds On This Commodity	1.12				
Tangerine		15.92	18	175.75	A
Tomato		0.12	6	83.00	A
Tomato, Processing		31.13	139	16,499.29	A
Turf/Sod		0.40	7	81.80	A
Uncultivated Ag		24.57	58	8,356.70	A
Uncultivated Non-Ag		0.54	4	177.00	A
Unknown		0.22	1	2.00	A
Walnut		11.03	88	2,595.50	A
Wheat (Forage - Fodder)		0.49	6	290.00	A
Chemical Total		724.52	1,980		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM TETRABORATE (PENTAHYDRATE)					
Landscape Maintenance		2.50			
Public Health		0.25			
Structural Pest Control		467.06			
Chemical Total		469.81			
SODIUM TETRATHIOCARBONATE					
Almond		25,184.44	13	204.40	A
Grape		145,043.82	60	4,635.81	A
Grape, Wine		60,711.75	32	1,889.48	A
Lemon		1,553.56	1	33.00	A
Peach		4,792.50	12	97.60	A
Chemical Total		237,286.07	118		
SODIUM TRIPOLYPHOSPHATE					
Onion, Dry		0.98	1	115.00	A
Chemical Total		0.98	1		
SODIUM XYLENE SULFONATE					
Alfalfa		65.61	253	11,619.20	A
Almond		982.31	473	31,280.83	A
Animal Premise		3.12		34.00	U
Apple		0.69	15	100.00	A
Apricot		1.57	7	127.60	A
Arrugula		0.62	12	85.20	A
Artichoke, Globe		4.15	21	199.40	A
Asparagus		19.66	17	1,360.10	A
Avocado		8.82	138	538.00	A
		0.63	3	480,000.00	U
Total Pounds On This Commodity	9.45				
Bean, Dried		7.25	63	1,789.80	A
Bean, Succulent		0.70	4	101.50	A
Beet		0.07	2	7.00	A
Blackberry		0.81	15	86.37	A
Blueberry		1.51	7	137.50	A
Bok Choy		0.67	44	67.70	A
Broccoli		68.05	498	6,841.45	A
Brussels Sprout		2.22	12	221.00	A
Cabbage		2.22	26	163.00	A
Cantaloupe		1.30	9	276.00	A
Carrot		1.74	10	177.26	A
Cauliflower		21.44	213	2,270.29	A
Celery		18.70	287	2,068.31	A
Cherry		36.94	35	1,221.60	A
Chicory		2.20	7	107.90	A
Chinese Cabbage (Nappa)		2.17	40	209.20	A
Cilantro		0.67	15	72.70	A
Citrus		0.76	4	70.00	A
Corn (Forage - Fodder)		30.09	157	5,466.74	A
Corn, Human Consumption		10.07	91	2,853.56	A
Cotton		68.63	331	10,761.52	A
Endive (Escarole)		1.70	23	139.10	A
Fennel		3.72	91	471.90	A
Forage Hay/Silage		1.92	19	699.80	A
Grape		447.66	1,073	44,303.76	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine		279.81	631	26,168.65	A
Grapefruit		0.36	7	60.00	A
Kale		0.22	7	30.10	A
Kiwi		< 0.01	1	0.66	A
Landscape Maintenance		58.51			
		0.44	5	248.00	A
Total Pounds On This Commodity	58.96				
Leek		0.03	13	3.25	A
Lemon		0.51	5	42.00	A
Lettuce, Head		251.49	1,936	24,821.12	A
Lettuce, Leaf		162.42	1,440	13,300.54	A
Melon		1.56	8	278.90	A
Mint		0.33	5	153.00	A
Mustard		0.34	22	21.26	A
N-Grnhs Flower		28.32	322	1,325.79	A
		7.07	84	2,841,400.00	S
Total Pounds On This Commodity	35.38				
N-Grnhs Plants In Containers		15.88	550	1,230.61	A
		2.72	147	5,252,456.00	S
Total Pounds On This Commodity	18.60				
N-Outdr Flower		12.48	353	2,264.46	A
		0.07	5	180,000.00	S
Total Pounds On This Commodity	12.55				
N-Outdr Plants In Containers		32.29	1,147	2,309.42	A
		0.44	40	829,600.00	S
Total Pounds On This Commodity	32.73				
N-Outdr Transplants		6.27	89	292.83	A
		2.60	123	11,589,600.00	S
		0.15	1	75,000.00	U
Total Pounds On This Commodity	9.03				
Nectarine		37.02	254	4,061.52	A
Oat		0.25	2	37.00	A
Oat (Forage - Fodder)		2.22	8	334.00	A
Olive		0.19	2	29.00	A
Onion, Dry		1.23	9	203.60	A
Orange		48.64	202	4,177.20	A
Parsley		0.21	3	28.50	A
Pastureland		0.35	1	160.00	A
Peach		103.23	257	5,332.35	A
Pear		0.23	11	17.50	A
Peas		1.91	26	266.40	A
Pepper, Fruiting		1.52	6	202.00	A
Pepper, Spice		0.25	1	56.70	A
Persimmon		0.57	2	32.00	A
Pistachio		232.71	94	9,037.94	A
Plum		16.12	141	1,978.24	A
Pomegranate		5.92	26	341.00	A
Potato		0.74	4	290.00	A
Poultry		0.13		14.00	U
Prune		3.33	4	235.00	A
Pumpkin		0.06	2	8.00	A
Quince		0.44	2	25.00	A
Radish		0.15	14	9.35	A
Rangeland		0.16	1	15.00	A
Rappini		0.50	3	46.30	A
Raspberry		11.89	111	1,113.73	A
Research Commodity		0.08			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rice, Wild		0.53	8	294.00	A
Rights Of Way		12.96			
		0.05	2	10.00	A
Total Pounds On This Commodity	13.02				
Soil Fumigation/Preplant		0.35	1	30.00	A
Sorghum/Milo		0.80	1	85.00	A
Spinach		0.57	21	35.90	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		143.74	486	10,105.10	A
Structural Pest Control		585.01			
Sudangrass		0.13	2	80.00	A
Sunflower		1.21	5	278.00	A
Tangelo		0.30	5	21.75	A
Tangerine		20.59	37	2,048.80	A
Timothy		4.94	36	1,328.80	A
Tomato		22.18	69	2,538.35	A
Tomato, Processing		31.65	64	4,967.42	A
Turnip		0.13	12	8.11	A
Uncultivated Ag		0.93	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	0.93				
Uncultivated Non-Ag		0.85	3	11.25	A
Unknown		0.16	4	2.00	A
Walnut		111.02	146	4,063.93	A
Watermelon		0.59	10	91.00	A
Wheat		1.64	9	388.00	A
Chemical Total		4,095.10	13,074		
SORBITAN FATTY ACID ESTERS					
Alfalfa		174.96	135	8,069.10	A
Almond		958.45	400	35,771.81	A
Apple		1.80	2	28.00	A
Apricot		0.41	1	14.05	A
Bean, Dried		12.44	14	744.00	A
Bean, Unspecified		2.25	5	48.50	A
Bermudagrass		0.41	1	10.00	A
Blackberry		0.15	1	12.00	A
Blueberry		0.21	6	40.42	A
Broccoli		0.90	2	20.46	A
Cherry		101.27	33	968.75	A
Citrus		0.70	3	54.00	A
Corn (Forage - Fodder)		19.38	26	1,454.00	A
Corn, Human Consumption		9.82	12	328.70	A
Cotton		210.68	151	8,216.00	A
Garlic		0.70	1	30.00	A
Grape		350.74	158	7,281.06	A
Grape, Wine		94.49	193	5,265.76	A
Grapefruit		11.13	40	658.20	A
Kiwi		0.14	1	6.00	A
Landscape Maintenance		5.36			
Lemon		34.51	91	2,178.20	A
N-Outdr Plants In Containers		0.70	6	9.45	A
Nectarine		7.65	11	124.00	A
Olive		2.19	2	80.00	A
Onion, Dry		12.70	4	235.20	A
Orange		207.70	357	13,336.03	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Peach	38.46	32	529.48	A
Pecan	0.72	2	23.33	A
Persimmon	0.02	1	5.00	A
Pistachio	54.26	96	4,046.84	A
Plum	66.96	29	744.73	A
Pomelo	0.48	4	31.00	A
Prune	70.41	34	1,150.00	A
Raspberry	0.62	5	48.50	A
Rice	352.59	126	8,590.10	A
Rights Of Way	48.78			
Soil Fumigation/Preplant	1.92	1	164.00	A
Sorghum/Milo	0.23	1	80.00	A
Spinach	2.92	1	50.00	A
Structural Pest Control	0.36			
Tangelo	16.60	19	1,069.40	A
Tangerine	20.09	71	1,259.50	A
Tomato, Processing	14.79	4	351.00	A
Uncultivated Ag	0.77	2	150.00	A
Uncultivated Non-Ag	1.23	1	60.00	A
Walnut	22.04	31	962.00	A
Chemical Total	2,936.13	2,116		
SORBITAN MONOOLEATE				
Barley	0.02	1	100.00	A
Pear	0.15	2	204.00	A
Rights Of Way	3.77			
Chemical Total	3.93	3		
SORBITAN TRIOLEATE				
Alfalfa	26.36	60	4,031.90	A
Almond	179.81	20	1,352.70	A
Bermudagrass	3.86	2	265.00	A
Carrot	10.61	8	318.00	A
Corn (Forage - Fodder)	22.64	14	907.70	A
Cotton	1.48	1	53.00	A
Grape, Wine	0.52	1	155.00	A
Nectarine	34.24	19	338.68	A
Oat (Forage - Fodder)	1.00	1	27.00	A
Onion, Dry	7.19	20	220.50	A
Orange	2.52	2	25.00	A
Peach	45.68	29	459.75	A
Pepper, Fruiting	0.48	1	52.00	A
Plum	49.16	32	458.80	A
Prune	17.18	5	107.44	A
Rights Of Way	13.34			
Sugarbeet	0.67	3	148.00	A
Tomato	2.78	3	362.00	A
Walnut	11.70	10	560.98	A
Chemical Total	431.21	231		
SORBITOL				
Alfalfa	331.06	119	6,333.40	A
Almond	71.56	12	475.50	A
Asparagus	154.56	6	693.10	A
Bean, Dried	18.12	22	808.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn (Forage - Fodder)		15.06	17	817.98	A
Grape, Wine		13.03	2	117.00	A
Landscape Maintenance		0.07			
N-Outdr Plants In Containers		0.71	1	12.00	A
Nectarine		76.64	4	187.00	A
Orange		161.46	4	395.00	A
Peach		2.23	1	20.00	A
Sweet Potato		1.34	1	80.00	A
Tomato		0.94	1	28.00	A
Tomato, Processing		19.00	16	1,080.30	A
Chemical Total		865.79	206		
SORBITOL OCTANOATE					
Grape		1,004.18	3	120.00	A
Grape, Wine		61.55	3	33.42	A
Orange		146.44	2	20.00	A
Pistachio		794.97	1	95.00	A
Chemical Total		2,007.14	9		
SOYBEAN FATTY ACIDS, DIMETHYLAMINE SALT					
Almond		1.14	3	225.00	A
Artichoke, Globe		135.24	94	7,871.10	A
Broccoli		0.07	2	16.70	A
Carrot		0.04	1	20.50	A
Cauliflower		0.36	2	21.00	A
Cherry		0.38	6	103.00	A
Grape, Wine		0.09	1	2.00	A
Landscape Maintenance		0.19			
Lettuce, Head		0.11	1	10.00	A
N-Outdr Plants In Containers		< 0.01	8	0.36	A
Rights Of Way		3.79			
Uncultivated Ag		1.48	10	123.10	A
Walnut		0.07	3	41.00	A
Chemical Total		142.97	131		
SOYBEAN OIL					
Almond		6,213.70	5	444.10	A
Apple		14.97	2	0.87	A
Beet		8.91	1	5.00	A
Blackberry		14,930.75	171	1,110.92	A
Blueberry		13.64	2	0.76	A
Broccoli		1,021.99	58	283.26	A
Brussels Sprout		7.13	2	4.00	A
Cabbage		4.28	3	0.60	A
Carrot		502.32	17	901.44	A
Cauliflower		684.69	73	382.56	A
Celery		26.21	6	14.71	A
N-Grnhs Plants In Containers		57.13	11	6.39	A
		2.55	2	160,000.00	S
Total Pounds On This Commodity	59.68				
N-Outdr Flower		0.50	3	1.00	A
N-Outdr Transplants		19.60	4	1.76	A
Nectarine		5.35	1	0.20	A
Peach		45.36	10	46.21	A
Pear		3.56	1	0.13	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pistachio	5.08	1	5.57	A
Plum	3.56	1	0.04	A
Raspberry	474.65	9	47.32	A
Rights Of Way	124.18			
Squash	9.24	4	112.00	A
Strawberry	7.18	1	0.50	A
Structural Pest Control	58.05			
Swiss Chard	5.35	1	3.00	A
Tomato, Processing	461.90	8	333.00	A
Walnut	3,646.96	6	82.70	A
Chemical Total	28,358.78	403		
SPINETORAM				
Almond	558.05	139	8,308.44	A
Apple	450.41	259	4,382.05	A
Apricot	29.05	21	448.81	A
Arrugula	15.01	55	308.92	A
Artichoke, Globe	160.57	98	3,214.14	A
Asparagus	11.15	2	237.00	A
Avocado	30.53	18	353.00	A
Basil, Sweet	363.48	211	344.78	A
Bean, Dried	45.59	17	795.09	A
Bean, Succulent	4.52	6	94.10	A
Beet	534.70	221	506.00	A
Blackberry	283.70	71	551.32	A
Blueberry	137.33	39	1,531.11	A
Bok Choy	48.97	197	1,173.11	A
Broccoli	494.77	427	11,011.98	A
Brussels Sprout	5.00	9	91.00	A
Cabbage	225.37	289	4,723.01	A
Cantaloupe	69.86	33	1,272.25	A
Cardoon	0.54	1	12.00	A
Cauliflower	89.73	113	1,984.97	A
Celeriac	145.16	42	54.67	A
Celery	528.08	774	9,888.59	A
Cherry	33.04	24	515.40	A
Chinese Cabbage (Nappa)	32.03	164	700.63	A
Chinese Greens	0.16	5	25.00	A
Cilantro	583.16	124	298.03	A
Citrus	25.53	20	425.49	A
Collard	68.48	84	336.01	A
Corn (Forage - Fodder)	4.24	2	90.00	A
Corn, Human Consumption	193.82	67	3,411.25	A
Cotton	8.59	4	548.00	A
Cucumber	1.57	14	33.26	A
Daikon	64.46	46	38.36	A
Dandelion Green	10.03	11	11.29	A
Dill	113.02	19	19.45	A
Eggplant	6.35	10	145.00	A
Endive (Escarole)	75.62	264	1,610.05	A
Fennel	65.16	47	277.68	A
Gai Lon	23.75	7	552.80	A
Garlic	4.03	2	57.00	A
Grape	2,212.28	623	32,780.00	A
Grape, Wine	79.20	58	1,394.62	A
Grapefruit	119.25	56	1,657.70	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Herb, Spice		2.71	39	57.00	A
		1.30	18	28.00	U
Total Pounds On This Commodity	4.01				
Kale		14.56	70	234.92	A
Kohlrabi		10.49	29	23.19	A
Leek		245.73	177	460.15	A
Lemon		162.70	57	2,237.60	A
Lettuce, Head		2,306.51	2,970	50,712.44	A
Lettuce, Leaf		3,019.81	5,224	65,377.54	A
Melon		10.06	4	248.99	A
Mint		0.38	3	8.00	U
		0.32	5	5.12	A
Total Pounds On This Commodity	0.70				
Mizuna		14.68	49	306.83	A
Mustard		61.47	182	532.09	A
N-Grnhs Flower		0.16	1	2.50	A
		0.06	1	43,560.00	S
Total Pounds On This Commodity	0.22				
N-Grnhs Plants In Containers		2.01	12	6.87	A
N-Grnhs Transplants		0.69	4	17.40	A
N-Outdr Plants In Containers		17.42	53	273.53	A
N-Outdr Transplants		70.97	75	1,016.00	A
		0.60	7	612,000.00	S
Total Pounds On This Commodity	71.57				
Nectarine		777.96	494	9,678.33	A
Onion, Dry		981.43	351	18,083.73	A
Onion, Green		26.58	81	494.52	A
Orange		2,309.05	879	24,931.36	A
Parsley		95.30	34	115.47	A
Peach		313.00	193	5,091.76	A
Pear		557.92	205	6,201.31	A
Peas		75.37	144	1,660.83	A
Pepper, Fruiting		468.49	305	8,208.32	A
Pepper, Spice		0.61	9	12.76	A
Pistachio		102.93	11	1,097.90	A
Plum		170.45	108	2,556.96	A
Pluot		1.22	1	38.91	A
Pomelo		0.80	2	11.00	A
Prune		16.85	8	168.28	A
Pumpkin		3.03	2	60.50	A
Quince		0.41	1	5.00	A
Radicchio		5.46	20	18.09	A
Radish		39.17	112	370.78	A
Rappini		204.54	294	4,190.53	A
Raspberry		475.44	195	2,520.70	A
Research Commodity		1.12	7	14.95	A
		0.48			
Total Pounds On This Commodity	1.60				
Rights Of Way		0.62	1	9.95	A
Spinach		714.41	1,546	15,348.47	A
Squash		2.00	6	43.06	A
Squash, Summer		0.04	1	1.00	A
Strawberry		1,669.94	663	24,693.64	A
Structural Pest Control		0.19	1	2.00	A
Sugarbeet		20.08	12	947.90	A
Swiss Chard		27.92	154	621.71	A
Tangelo		29.43	24	363.17	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine		1,027.26	334	14,265.39	A
Tomato		299.76	200	6,557.54	A
Tomato, Processing		1,503.36	156	18,189.14	A
Turnip		119.54	102	257.13	A
Unknown		0.18	2	3.03	A
Walnut		634.08	238	7,474.79	A
Watercress		0.05	1	1.00	A
Watermelon		151.61	88	2,826.25	A
Chemical Total		26,726.04	20,658		
SPINOSAD					
Almond		378.66	63	3,922.89	A
Animal Premise		4.10		7.00	U
		< 0.01		2,150.00	S
		< 0.01		1.00	A
Total Pounds On This Commodity	4.11				
Apple		101.50	120	896.18	A
Apricot		78.09	33	755.60	A
Arrugula		73.10	158	595.94	A
Artichoke, Globe		57.19	29	526.55	A
Asian Pear		0.15	1	1.00	A
Avocado		191.84	119	1,279.20	A
Basil, Sweet		16.88	61	157.76	A
		0.10	1	180,000.00	S
Total Pounds On This Commodity	16.98				
Bean, Dried		40.56	12	453.00	A
Bean, Succulent		10.09	7	104.50	A
Bean, Unspecified		0.45	1	3.00	A
Beet		68.08	177	697.69	A
Bermudagrass		2.09	1	35.00	A
Blackberry		65.47	104	759.79	A
Blueberry		191.20	56	1,880.33	A
Bok Choy		10.70	70	134.01	A
Broccoflower		0.42	1	5.20	A
Broccoli		1,069.92	931	11,409.74	A
		0.02	1	450.00	S
Total Pounds On This Commodity	1,069.94				
Brussels Sprout		30.19	32	403.39	A
Cabbage		227.04	276	2,444.05	A
Cantaloupe		358.26	25	1,137.86	A
Cardoon		0.30	1	3.00	A
Carrot		189.53	49	2,273.10	A
Cauliflower		271.83	374	3,148.84	A
Celery		1,034.88	1,118	10,725.16	A
Cherimoya		0.03	8	92.00	A
Cherry		84.61	81	1,515.48	A
Chervil		0.94	5	7.50	A
Chicory		38.49	38	416.70	A
Chinese Cabbage (Nappa)		21.29	68	291.15	A
Chive		11.58	30	97.69	A
Cilantro		26.82	56	259.77	A
Citrus		17.91	15	154.60	A
Collard		15.69	23	137.00	A
Corn (Forage - Fodder)		3.95	1	40.30	A
Corn Salad		1.66	6	16.60	A
Corn, Human Consumption		113.79	93	1,193.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cotton		10.32	14	445.60	A
Cucumber		6.29	23	59.82	A
		0.04	2	65,000.00	S
Total Pounds On This Commodity	6.32				
Date		2.73	4	31.10	A
Dill		8.14	17	61.50	A
Eggplant		0.65	7	5.50	A
Endive (Escarole)		31.44	195	355.08	A
Fava Bean		1.24	3	19.00	A
Fennel		9.86	24	133.92	A
Fumigation, Other		< 0.01			
Grape		5,580.69	946	39,916.12	A
Grape, Wine		483.16	202	5,425.59	A
Grapefruit		121.73	74	1,073.62	A
		< 0.01	4	4.00	U
Total Pounds On This Commodity	121.73				
Greenhouse Fumigation		0.13	3	2.00	A
Guava		< 0.01	4	3.12	A
Herb, Spice		13.48	43	119.07	A
Kale		45.52	102	523.04	A
Landscape Maintenance		94.35			
		0.65	1	18.00	A
Total Pounds On This Commodity	95.00				
Leek		17.65	21	187.29	A
Lemon		601.64	147	4,554.36	A
		< 0.01	14	14.00	U
Total Pounds On This Commodity	601.64				
Lettuce, Head		3,193.79	2,725	38,081.47	A
		0.05		2.00	P
Total Pounds On This Commodity	3,193.84				
Lettuce, Leaf		4,413.93	5,473	48,842.78	A
		0.05		2.00	P
		0.01	2	2,000.00	S
Total Pounds On This Commodity	4,414.00				
Lime		10.17	15	50.50	A
Melon		106.70	27	919.35	A
Mint		11.09	15	75.05	A
Mizuna		10.84	52	126.79	A
Mustard		35.74	113	359.40	A
N-Grnhs Flower		231.84	919	1,710.02	A
		35.59	252	9,840,301.00	S
		0.06	1	42,000.00	U
Total Pounds On This Commodity	267.50				
N-Grnhs Plants In Containers		132.05	575	1,042.65	A
		45.29	554	20,610,233.00	S
		0.07	3	50,320.00	U
Total Pounds On This Commodity	177.41				
N-Grnhs Transplants		19.57	146	269.80	A
		8.57	122	3,159,805.00	S
Total Pounds On This Commodity	28.14				
N-Outdr Flower		146.48	567	1,784.85	A
		14.12	131	4,032,246.00	S
		< 0.01	1	100.00	U
Total Pounds On This Commodity	160.60				
N-Outdr Plants In Containers		390.06	1,094	3,418.99	A
		19.71	231	4,937,494.00	S
		2.17	11	61,521.00	U

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	411.93				
N-Outdr Transplants		239.06	458	3,303.72	A
		8.23	60	6,367,500.00	S
Total Pounds On This Commodity	247.29				
Nectarine		1,437.73	1,077	13,054.60	A
Nuts		0.13	1	1.30	A
Olive		7.94	2,418	37,594.01	A
		0.10	159	22,909.00	U
		< 0.01	1	455.00	S
Total Pounds On This Commodity	8.04				
Onion, Dry		760.37	167	6,955.15	A
Onion, Green		45.47	70	449.05	A
Orange		10,469.99	3,116	86,054.70	A
		< 0.01	13	13.00	U
Total Pounds On This Commodity	10,469.99				
Oregano		5.29	13	51.00	A
Parsley		8.54	20	85.15	A
Peach		390.06	288	3,773.24	A
Pear		45.36	36	335.50	A
Peas		152.86	128	1,638.70	A
Pepper, Fruiting		697.00	249	7,680.09	A
		< 0.01	14	4,200.00	S
Total Pounds On This Commodity	697.00				
Pepper, Spice		2.68	13	31.04	A
Plum		59.81	52	645.45	A
Pluot		0.80	3	9.00	A
Pomelo		11.23	12	120.00	A
Potato		21.16	3	167.26	A
Prune		21.17	6	238.00	A
Pumpkin		0.85	2	9.00	A
Quince		0.20	5	1.65	A
Radicchio		145.32	44	1,456.63	A
Radish		6.76	48	84.75	A
Rappini		77.33	34	955.90	A
Raspberry		261.97	363	4,513.93	A
Regulatory Pest Control		0.76			
Research Commodity		4.71			
		4.67	21	27.92	A
		< 0.01	1	100.00	U
Total Pounds On This Commodity	9.39				
Rhubarb		0.28	1	3.00	A
Rights Of Way		14.22			
		1.38	1	10.61	A
Total Pounds On This Commodity	15.60				
Rosemary		0.51	4	4.00	A
Sage		1.66	5	14.66	A
Shallot		3.19	3	25.50	A
Soil Fumigation/Preplant		4.35	1	33.30	A
Spinach		2,240.39	2,566	23,123.86	A
Squash		0.40	2	2.00	A
Squash, Summer		0.67	6	12.00	A
Squash, Zucchini		2.70	1	18.00	A
Stone Fruit		1.21	7	9.50	A
Strawberry		1,218.08	529	13,329.19	A
Structural Pest Control		47.18			
Sugarbeet		67.90	31	2,531.50	A
Sweet Potato		3.28	2	40.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Swiss Chard		74.85	308	881.21	A
Tangelo		289.39	117	2,149.58	A
Tangerine		912.87	250	7,644.09	A
Tarragon		0.10	2	1.10	A
Thyme		1.55	4	14.25	A
Tomato		568.76	230	5,915.14	A
		0.07	17	111,900.00	S
Total Pounds On This Commodity	568.83				
Tomato, Processing		1,112.13	95	9,841.07	A
Turnip		0.03	1	0.50	A
Uncultivated Ag		2.33	2	30.00	A
Unknown		4.15	3	64.46	A
Vegetable		0.24	4	6.00	A
Vegetables, Leafy		8.83	3	86.72	A
Walnut		81.97	409	8,413.65	A
Watercress		0.20	1	5.00	A
Watermelon		73.70	27	626.00	A
Chemical Total		42,293.22	32,651		
SPIRODICLOFEN					
Almond		17,419.28	694	50,979.95	A
Apple		2.12	1	7.50	A
Apricot		121.89	17	491.90	A
Cherry		703.99	84	1,818.81	A
Citrus		4.59	2	17.20	A
Grape		2,332.71	231	8,320.65	A
Grape, Wine		6,174.92	341	22,581.45	A
Grapefruit		71.98	13	274.50	A
Lemon		206.89	23	673.80	A
N-Outdr Transplants		4.76	4	18.82	A
Nectarine		2,094.45	618	7,816.77	A
Orange		1,693.70	129	5,954.11	A
Peach		4,141.37	981	15,287.08	A
Pear		228.30	51	989.50	A
Plum		912.52	222	3,491.59	A
Pluot		24.40	4	90.60	A
Prune		1,266.53	84	3,895.50	A
Quince		1.20	1	5.00	A
Tangelo		28.07	4	115.83	A
Tangerine		2,324.97	99	8,107.83	A
Walnut		4,988.25	430	15,428.71	A
Chemical Total		44,746.87	4,033		
SPIROMESIFEN					
Alfalfa		12.15	4	92.00	A
Broccoli		31.68	4	335.00	A
Cabbage		32.40	83	267.28	A
Cantaloupe		670.14	89	5,500.50	A
Cauliflower		9.90	4	109.00	A
Celery		3.43	1	27.75	A
Collard		3.45	3	27.88	A
Corn (Forage - Fodder)		28,719.97	3,941	187,090.57	A
Corn, Grain		546.43	125	3,664.06	A
Corn, Human Consumption		1,220.28	187	7,370.89	A
Cotton		583.27	81	3,146.99	A
Cucumber		13.57	3	107.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Eggplant		25.29	12	201.00	A
Endive (Escarole)		0.25	6	2.08	A
Kohlrabi		0.50	6	4.21	A
Landscape Maintenance		13.25			
Lettuce, Head		11.48	2	90.00	A
Lettuce, Leaf		4.17	6	32.72	A
Melon		222.59	73	1,851.53	A
N-Grnhs Flower		40.41	110	153.95	A
		1.33	12	223,464.00	S
Total Pounds On This Commodity	41.74				
N-Grnhs Plants In Containers		8.88	32	34.38	A
		6.98	43	1,922,704.00	S
		0.06	1	30,000.00	U
Total Pounds On This Commodity	15.92				
N-Grnhs Transplants		1.17	7	6.02	A
N-Outdr Flower		8.73	21	55.32	A
N-Outdr Plants In Containers		168.86	153	874.41	A
		0.29	6	113,010.00	S
		0.20	2	241.00	U
Total Pounds On This Commodity	169.34				
N-Outdr Transplants		0.42	1	51,400.00	S
		0.22	3	1.84	A
Total Pounds On This Commodity	0.64				
Oat (Forage - Fodder)		6.96	2	45.00	A
Pepper, Fruiting		787.63	243	6,419.20	A
Pepper, Spice		7.11	2	54.00	A
Pimento		2.76	1	21.00	A
Potato		92.68	11	804.00	A
Pumpkin		0.98	2	7.50	A
Regulatory Pest Control		0.02			
Research Commodity		22.04			
Spinach		8.06	5	101.30	A
Squash		9.54	8	108.80	A
Squash, Summer		0.12	1	1.00	A
Strawberry		5,351.06	760	22,484.88	A
Structural Pest Control		0.42			
Tomatillo		11.48	2	90.00	A
Tomato		313.92	63	2,418.52	A
Tomato, Processing		48.43	11	373.78	A
Watermelon		375.35	91	3,143.67	A
Wheat (Forage - Fodder)		17.82	1	116.00	A
Chemical Total		39,418.12	6,224		
SPIROTETRAMAT					
Almond		0.36	1	24.00	A
Apple		1.44	4	84.00	A
Arrugula		0.31	6	33.60	A
Bok Choy		0.51	57	61.01	A
Broccoli		199.60	1,756	21,781.61	A
Brussels Sprout		15.97	144	1,718.01	A
		0.28	1	30.00	S
Total Pounds On This Commodity	16.26				
Cabbage		21.75	316	2,478.26	A
Canola (Rape)		0.18	1	23.00	A
Cauliflower		63.46	769	6,996.63	A
Celery		76.76	561	6,146.14	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cherry		0.54	5	31.50	A
Chicory		1.89	15	200.10	A
Chinese Cabbage (Nappa)		3.18	99	363.40	A
Citrus		0.42	6	30.00	A
Cole Crop		< 0.01	1	0.69	A
Collard		0.02	2	2.08	A
Eggplant		0.52	3	62.00	A
Endive (Escarole)		3.36	149	372.23	A
Fennel		0.10	1	10.30	A
Grape		829.89	908	41,324.69	A
Grape, Wine		1,096.40	260	18,689.14	A
Grapefruit		2.88	9	154.40	A
Kale		1.67	25	178.72	A
Kohlrabi		0.04	5	4.67	A
Landscape Maintenance		0.34			
Lemon		83.23	42	1,534.70	A
Lettuce, Head		528.16	5,022	56,592.77	A
Lettuce, Leaf		588.73	6,212	63,059.27	A
Mustard		0.11	12	12.33	A
N-Grnhs Flower		5.21	23	103.51	A
		0.67	6	189,400.00	S
Total Pounds On This Commodity	5.88				
N-Grnhs Plants In Containers		2.46	44	1,211,992.00	S
		1.59	20	33.19	A
		0.08	1	60.00	U
Total Pounds On This Commodity	4.13				
N-Grnhs Transplants		0.03	3	35,000.00	S
		< 0.01	2	0.50	A
Total Pounds On This Commodity	0.04				
N-Outdr Flower		1.90	7	10.60	A
		< 0.01	1	200.00	U
Total Pounds On This Commodity	1.90				
N-Outdr Plants In Containers		17.45	175	736.76	A
		0.12	5	45,500.00	S
		0.09	2	108.00	U
Total Pounds On This Commodity	17.66				
N-Outdr Transplants		3.14	31	244.27	A
		0.08	2	84,000.00	S
Total Pounds On This Commodity	3.22				
Orange		176.20	255	6,181.01	A
Parsley		2.81	21	101.80	A
Peach		0.80	6	53.00	A
Pecan		15.11	38	502.26	A
Pepper, Fruiting		49.54	237	5,619.12	A
Pimento		0.58	3	61.60	A
Plum		0.08	1	5.00	A
Pomelo		0.06	1	3.00	A
Potato		5.48	10	603.00	A
Radicchio		1.57	8	112.17	A
Rappini		34.88	245	3,631.40	A
Research Commodity		0.18	11	94.56	A
		0.09			
Total Pounds On This Commodity	0.26				
Rights Of Way		0.08			
		< 0.01	1	5.00	A
Total Pounds On This Commodity	0.08				
Spinach		11.00	133	1,183.37	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Swiss Chard		0.56	39	65.82	A
Tangelo		1.61	4	85.80	A
Tangerine		100.55	37	1,330.24	A
Tomato		13.22	56	1,418.95	A
Tomato, Processing		2.94	6	310.81	A
Unknown		< 0.01	1	0.25	A
Walnut		6.11	17	436.28	A
Chemical Total		3,978.38	17,844		
STARCH					
Almond		0.02	4	198.00	A
Cherry		0.03	3	49.00	A
Grape, Wine		0.84	232	4,591.48	A
Grapefruit		0.10	1	80.00	A
Landscape Maintenance		0.01			
Lemon		0.25	1	160.00	A
N-Grnhs Flower		< 0.01	4	11.00	A
		< 0.01	1	45,000.00	S
Total Pounds On This Commodity	0.00				
N-Grnhs Plants In Containers		0.02	16	498,877.00	S
		< 0.01	11	6.54	A
Total Pounds On This Commodity	0.02				
N-Grnhs Transplants		0.08	65	2,723,391.00	S
		< 0.01	13	15.72	A
Total Pounds On This Commodity	0.08				
N-Outdr Flower		1.17	1,114	4,519.17	A
N-Outdr Plants In Containers		0.22	339	285.85	A
N-Outdr Transplants		0.14	279	10,884,815.00	S
		< 0.01	10	10.85	A
Total Pounds On This Commodity	0.14				
Nectarine		0.01	1	30.00	A
Onion, Dry		0.14	3	338.00	A
Orange		1.05	36	2,527.90	A
Peach		0.01	1	42.00	A
Potato		< 0.01	3	224.00	A
Strawberry		0.02	13	69.00	A
Tangelo		0.03	1	70.00	A
Tangerine		0.52	10	1,195.00	A
Chemical Total		4.68	2,161		
STREPTOMYCES GRISEOVIRIDIS STRAIN K61					
N-Grnhs Transplants		< 0.01	15	3,780.00	S
Chemical Total		< 0.01	15		
STREPTOMYCES LYDICUS WYEC 108					
Almond		0.03	8	480.00	A
Apple		0.02	3	80.00	A
Apricot		< 0.01	1	0.63	A
Arrugula		< 0.01	4	15.90	A
Beet		< 0.01	3	23.30	A
Blackberry		< 0.01	3	38.00	A
Blueberry		< 0.01	1	4.00	A
Brussels Sprout		0.06	18	401.00	A
Cabbage		< 0.01	2	23.22	A
Carrot		< 0.01	1	10.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Celery		< 0.01	3	21.25	A
Cherry		< 0.01	2	4.00	A
Fava Bean		< 0.01	1	3.00	A
Grape, Wine		0.01	13	111.19	A
Lettuce, Head		< 0.01	1	1.50	A
Lettuce, Leaf		0.08	19	310.67	A
Mizuna		< 0.01	4	10.70	A
N-Grnhs Flower		< 0.01	8	97,260.00	S
		< 0.01	20	32.80	A
Total Pounds On This Commodity	0.02				
N-Grnhs Plants In Containers		< 0.01	12	23.00	A
		< 0.01	1	1,972.00	S
Total Pounds On This Commodity	0.01				
N-Grnhs Transplants		< 0.01	23	15.60	A
N-Outdr Flower		0.01	17	72.00	A
N-Outdr Plants In Containers		0.03	1	3.00	A
Onion, Green		0.02	13	76.50	A
Parsley		0.10	13	359.40	A
Peas		< 0.01	1	5.50	A
Pepper, Fruiting		0.07	10	332.80	A
Plum		< 0.01	2	2.00	A
Radicchio		< 0.01	2	2.00	A
Radish		< 0.01	2	22.60	A
Raspberry		0.04	13	246.50	A
Research Commodity		< 0.01			
Rights Of Way		0.01	3	50.06	A
Spinach		0.04	14	167.15	A
Stone Fruit		< 0.01	2	2.00	A
Strawberry		0.10	31	513.90	A
Swiss Chard		< 0.01	4	24.08	A
Tomato		0.08	31	503.32	A
		< 0.01	4	34,776.00	S
Total Pounds On This Commodity	0.08				
Unknown		< 0.01	1	2.50	A
Chemical Total		< 0.01	315		
STREPTOMYCIN					
Apple		5.24	6	13.74	A
Landscape Maintenance		2.28			
N-Grnhs Plants In Containers		0.11	1	8,000.00	U
		< 0.01	1	200.00	S
Total Pounds On This Commodity	0.11				
N-Outdr Flower		2.04	6	15.00	A
N-Outdr Plants In Containers		44.98	37	312.75	A
		0.65	1	70,000.00	S
Total Pounds On This Commodity	45.63				
N-Outdr Transplants		0.21	1	1.00	A
Pear		3.53	7	24.15	A
Chemical Total		59.03	60		
STREPTOMYCIN SULFATE					
Apple		1,039.40	236	5,958.03	A
Asian Pear		1.46	8	14.00	A
Commodity Fumigation		53.99			
Landscape Maintenance		26.79			
		0.01	1	30.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	26.80				
N-Grnhs Flower		5.64	35	27.90	A
		0.14	2	40,656.00	U
Total Pounds On This Commodity	5.78				
N-Grnhs Plants In Containers		123.68	92	2,583,455.00	S
		82.01	102	120.14	A
		0.64	3	160,000.00	U
Total Pounds On This Commodity	206.33				
N-Grnhs Transplants		115.14	86	446.29	A
		27.96	42	2,183,527.00	S
Total Pounds On This Commodity	143.10				
N-Outdr Flower		4.98	17	61.37	A
		2.87	33	373,600.00	S
Total Pounds On This Commodity	7.85				
N-Outdr Plants In Containers		188.15	180	870.20	A
		2.24	4	127,958.00	S
Total Pounds On This Commodity	190.39				
N-Outdr Transplants		5.01	9	390,000.00	S
		4.05	21	20.96	A
Total Pounds On This Commodity	9.07				
Peach		8.12	5	27.00	A
Pear		1,501.94	682	16,514.70	A
Pepper, Fruiting		1.51	4	6.75	A
Research Commodity		5.72			
		1.33	2	3.60	A
Total Pounds On This Commodity	7.04				
Structural Pest Control		20.40	6	184.70	A
		0.03			
Total Pounds On This Commodity	20.43				
Tomato		4.26	2	19.00	A
Chemical Total		3,227.47	1,572		
STRYCHNINE					
Alfalfa		58.64	118	7,501.00	A
Almond		91.30	266	11,420.91	A
Apple		2.78	19	514.00	A
Apricot		1.84	1	68.00	A
Avocado		7.11	581	4,655.66	A
		0.34	4	22.00	S
Total Pounds On This Commodity	7.45				
Barley		1.13	1	21.00	A
Blackberry		< 0.01	1	0.50	A
Blueberry		4.30	14	239.60	A
Cherry		16.19	103	2,882.25	A
Citrus		1.17	17	976.50	A
Corn (Forage - Fodder)		0.45	1	25.00	A
Date		1.63	4	166.00	A
Farm/Ag Building		0.20		10.00	A
Forage Hay/Silage		0.02	1	18.00	A
Forest, Timberland		5.69	119	5,351.50	A
Grape		45.99	35	4,109.26	A
Grape, Wine		320.30	876	21,689.59	A
Grapefruit		1.53	39	480.53	A
Guava		< 0.01	1	2.75	A
Kiwi		1.21	2	28.00	A
Kumquat		< 0.01	1	12.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		270.48			
		8.19	8	456.00	A
Total Pounds On This Commodity	278.67				
Lemon		3.80	127	1,844.65	A
Lime		0.02	3	21.00	A
Mustard		< 0.01	1	7.07	A
N-Grnhs Flower		< 0.01	1	23,040.00	S
N-Outdr Flower		0.14	7	10.50	A
N-Outdr Plants In Containers		0.26	17	843.50	A
		< 0.01	1	5,000.00	S
		< 0.01	1	2.00	U
Total Pounds On This Commodity	0.27				
N-Outdr Transplants		0.67	3	51.96	A
Nectarine		0.05	3	19.00	A
Oat		0.04	1	110.00	A
Olive		2.19	4	159.00	A
Orange		20.24	637	11,623.19	A
Orchard Floor		0.03	1	15.00	A
Parsley		< 0.01	1	40.00	A
Pastureland		5.79	19	322.50	A
Peach		2.57	21	317.00	A
Pear		17.77	12	532.50	A
Persimmon		0.07	4	12.00	A
Pistachio		29.56	54	2,249.00	A
Plum		4.22	5	158.50	A
Pomegranate		0.04	2	2.00	A
Prune		18.01	22	729.00	A
Rangeland		0.31	10	29.50	A
Regulatory Pest Control		0.08			
Research Commodity		0.90			
Rights Of Way		20.23			
		0.03	1	1.00	A
Total Pounds On This Commodity	20.25				
Rye		0.63	1	34.00	A
Soil Fumigation/Preplant		90.98	6	423.00	A
Structural Pest Control		20.68			
		0.51	2	339.00	A
Total Pounds On This Commodity	21.19				
Sunflower		0.05	1	18.00	A
Tangelo		0.26	6	66.00	A
Tangerine		0.73	9	307.45	A
Tomato, Processing		0.90	7	200.00	A
Turf/Sod		2.06	27	1,339.00	A
Uncultivated Ag		5.81	12	554.97	A
Uncultivated Non-Ag		0.60	9	296.50	A
Unknown		0.03	2	5.87	A
Vertebrate Control		65.79			
		6.97	23	936.50	A
Total Pounds On This Commodity	72.76				
Walnut		51.86	111	4,694.64	A
		0.15	6	307.00	U
Total Pounds On This Commodity	52.00				
Wheat		0.58	3	244.18	A
Wheat (Forage - Fodder)		< 0.01	1	14.00	A
Chemical Total		< 0.01	3,396		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
STRYCHNINE SULFATE					
Pimento		< 0.01	1	32.00	A
Strawberry		0.02	1	7.00	A
Chemical Total		0.03	2		
STYRENE BUTADIENE COPOLYMER					
Alfalfa		13.31	5	140.00	A
Almond		330.67	38	1,622.00	A
Avocado		3.37	8	11.00	A
Bean, Dried		50.69	11	305.00	A
Bean, Unspecified		4.41	2	66.00	A
Brussels Sprout		5.06	4	54.00	A
Celery		2.48	2	29.00	A
Cherry		48.54	8	251.60	A
Chinese Cabbage (Nappa)		10.52	30	88.75	A
Citrus		4.74	4	40.00	A
Corn (Forage - Fodder)		699.38	9	479.00	A
Corn, Grain		34.73	5	186.40	A
Garbanzo Bean		3.51	2	50.00	A
Grape		365.51	67	6,074.78	A
Grape, Wine		810.77	640	9,538.77	A
Grapefruit		86.25	19	329.80	A
Landscape Maintenance		68.06			
Lemon		572.47	90	2,556.11	A
Lettuce, Leaf		8.02	18	73.00	A
N-Grnhs Flower		66.27	112	225.69	A
		0.14	1	45,000.00	S
Total Pounds On This Commodity	66.41				
N-Grnhs Plants In Containers		38.31	162	178.01	A
		18.70	194	3,832,957.00	S
Total Pounds On This Commodity	57.00				
N-Grnhs Transplants		39.15	65	2,723,391.00	S
		1.54	13	15.72	A
Total Pounds On This Commodity	40.69				
N-Outdr Flower		629.16	1,207	4,732.92	A
		0.12	4	12,200.00	S
Total Pounds On This Commodity	629.28				
N-Outdr Plants In Containers		324.69	666	1,358.14	A
		4.78	37	2,032,050.00	S
		0.19	2	805.00	U
Total Pounds On This Commodity	329.66				
N-Outdr Transplants		68.93	279	10,884,815.00	S
		28.62	28	437.89	A
Total Pounds On This Commodity	97.55				
Nectarine		5.32	1	30.00	A
Olive		95.04	16	405.00	A
Onion, Dry		82.35	10	607.40	A
Orange		5,214.10	815	29,403.68	A
Peach		9.87	3	106.00	A
Pepper, Fruiting		19.40	9	164.53	A
Pistachio		172.48	21	1,788.80	A
Pomelo		8.95	12	70.20	A
Potato		3.01	3	224.00	A
Prune		8.04	5	113.70	A
Raspberry		4.02	5	30.00	A
Spinach		0.95	4	8.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Squash		6.74	7	56.89	A
Strawberry		389.87	121	3,470.00	A
Tangelo		84.44	28	419.85	A
Tangerine		527.97	95	5,232.92	A
Tomato		160.62	38	562.25	A
Tomato, Processing		59.17	33	1,472.10	A
Turf/Sod		6.63	7	81.80	A
Unknown		338.09	86	1,903.85	A
Walnut		39.14	13	305.00	A
Chemical Total		11,579.25	5,064		
SUCROSE OCTANOATE					
Blueberry		203.72	4	87.78	A
Cabbage		130.11	2	20.20	A
Cherry		75.58	2	30.00	A
Grape		2,556.96	14	355.28	A
Grape, Wine		820.48	17	352.81	A
N-Grnhs Plants In Containers		0.26	3	0.06	A
		0.02	1	1.00	S
Total Pounds On This Commodity	0.28				
N-Outdr Plants In Containers		3.60	1	0.25	A
		3.19	11	22,585.00	S
Total Pounds On This Commodity	6.78				
Orange		180.86	4	66.00	A
Tangerine		9.00	1	5.00	A
Walnut		19.60	2	12.12	A
Chemical Total		4,003.38	62		
SUGAR					
Apricot		101.78	14	1,454.00	A
Avocado		667.90	1	66.79	A
Grape		0.17	1	11.81	A
Lemon		0.01	1	18.00	A
Lettuce, Leaf		2.51	4	41.10	A
Peach		150.22	19	2,146.00	A
Strawberry		2.74	1	60.00	A
Sweet Potato		44.10	5	315.00	A
Tomato, Processing		14.62	3	295.00	A
Walnut		0.25	4	26.25	A
Chemical Total		984.30	53		
SULFANILAMIDE					
Mint		< 0.01	1	2.00	A
Chemical Total		< 0.01	1		
SULFAQUINOXALINE					
Almond		< 0.01	1	0.15	A
Avocado		< 0.01	2	27.00	A
Dill		< 0.01	1	1.00	A
Kohlrabi		< 0.01	1	1.00	A
Kumquat		< 0.01	1	12.00	A
Landscape Maintenance		0.02			
		< 0.01	2	50.00	A
Total Pounds On This Commodity	0.03				
Lemon		< 0.01	1	10.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lime		< 0.01	1	16.00	A
N-Outdr Flower		0.04	4	42.00	A
Pastureland		< 0.01	1	1.00	A
Rights Of Way		0.11			
Structural Pest Control		0.06			
Turf/Sod		0.01	1	10.00	A
Unknown		< 0.01	1	0.87	A
Vertebrate Control		< 0.01			
Walnut		< 0.01	1	0.25	A
Chemical Total		< 0.01	18		
SULFENTRAZONE					
Landscape Maintenance		3.61			
		< 0.01	1	1.00	U
		< 0.01	2	6,000.00	S
Total Pounds On This Commodity	< 0.01				
Rights Of Way		< 0.01			
Structural Pest Control		0.04			
Turf/Sod		< 0.01		6.00	A
Chemical Total		< 0.01	3		
SULFLURAMID					
N-Outdr Plants In Containers		< 0.01	1	1.00	A
Rights Of Way		< 0.01			
Structural Pest Control		1.68			
Chemical Total		1.68	1		
SULFOMETURON-METHYL					
Forest, Timberland		71.05	15	775.00	A
Industrial Site		0.09		1.00	A
Landscape Maintenance		1,448.10			
Public Health		52.83			
Rangeland		0.91		7.00	A
Regulatory Pest Control		0.23			
Rights Of Way		7,956.19			
		41.69	6	1,244.00	A
Total Pounds On This Commodity	7,997.88				
Structural Pest Control		272.81			
Uncultivated Ag		50.78	1	346.00	A
Uncultivated Non-Ag		1.19		12.00	A
Chemical Total		9,895.87	22		
SULFOSULFURON					
Landscape Maintenance		8.16			
		< 0.01	1	4.00	A
Total Pounds On This Commodity	< 0.01				
Rights Of Way		16.21			
Chemical Total		24.37	1		
SULFOTEP					
N-Grnhs Plants In Containers		1.53	2	1.63	A
		0.45	1	48,360.00	S
Total Pounds On This Commodity	< 0.01				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		1.98	3		
SULFOXIDE					
Structural Pest Control		0.06			
Chemical Total		0.06			
SULFOXIDE, OTHER RELATED					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
SULFUR					
Alfalfa		747,603.21	320	22,543.46	A
Almond		350,626.11	479	38,211.12	A
Apple		22,316.63	231	3,068.11	A
		1.01	2	10.00	U
Total Pounds On This Commodity	22,317.65				
Artichoke, Globe		28,032.81	342	4,864.39	A
Asian Pear		8.00	1	1.00	A
Avocado		10,306.51	8	610.40	A
Bean, Succulent		4,454.22	52	674.10	A
Bean, Unspecified		354.60	24	91.52	A
Beet		5,065.81	29	98.28	A
Bermudagrass		101,237.03	39	3,767.60	A
Blackberry		6,873.45	196	1,368.72	A
Blueberry		55.50	2	0.35	A
Broccoli		99.76	15	8.70	A
Brussels Sprout		100.56	9	80.70	A
Cabbage		6,357.28	74	92.65	A
Cantaloupe		89,208.21	147	7,145.61	A
Carrot		486,505.12	764	43,236.89	A
Cauliflower		63.70	13	2.60	A
Celery		847.16	36	163.05	A
Cherry		59,570.19	395	8,971.38	A
Chinese Cabbage (Nappa)		860.65	9	11.32	A
Cilantro		98.55	1	36.50	A
Citrus		19.40	1	3.00	A
Collard		341.40	29	138.05	A
Corn (Forage - Fodder)		54.40	1	17.00	A
Corn, Human Consumption		42,352.68	19	1,536.90	A
Cotton		7,054.70	11	468.61	A
Cucumber		431.24	30	125.00	A
Eggplant		233.55	27	18.40	A
Fava Bean		147.30	1	10.00	A
Fumigation, Other		117.60			
Garlic		148.00	10	37.00	A
Grape		9,609,149.17	37,529	1,569,312.30	A
Grape, Wine		17,071,264.12	47,437	1,963,117.34	A
		23.18	3	230.00	S
		1.96	1	15.00	U
Total Pounds On This Commodity	17,071,289.26				
Grapefruit		10,809.85	28	691.20	A
Kale		7,116.65	133	706.03	A
Kohlrabi		5.20	4	2.59	A
Landscape Maintenance		848.53			
		1.77	1	3.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	850.30				
Lemon		16,585.64	60	1,481.32	A
Lettuce, Head		10,299.64	330	8,197.84	A
Lettuce, Leaf		2,712.88	102	1,416.02	A
		0.24	1	1,000.00	S
Total Pounds On This Commodity	2,713.12				
Mango		2,400.00	1	150.00	A
Melon		15,867.75	95	3,130.89	A
Mint		189.63	18	46.33	A
Mustard		1,075.86	28	51.81	A
N-Grnhs Flower		839.09	93	189.19	A
		18.76	11	192,000.00	S
Total Pounds On This Commodity	857.85				
N-Grnhs Plants In Containers		2,584.23	16	250,650.00	S
		79.01	26	18.32	A
		1.20	1	755.00	U
Total Pounds On This Commodity	2,664.43				
N-Grnhs Transplants		102.74	35	1,319,798.00	S
		3.12	1	0.80	A
Total Pounds On This Commodity	105.86				
N-Outdr Flower		4,222.73	353	1,410.08	A
N-Outdr Plants In Containers		3,867.36	162	802.42	A
		0.20	1	1,000.00	S
Total Pounds On This Commodity	3,867.56				
N-Outdr Transplants		15,393.22	145	3,391.30	A
		564.82	212	5,705,932.00	S
Total Pounds On This Commodity	15,958.04				
Nectarine		92,719.80	1,442	16,670.07	A
		4.26	2	26.00	U
Total Pounds On This Commodity	92,724.07				
Nuts		3.20	1	1.30	A
Olive		1,320.00	2	420.00	A
Onion, Dry		15,282.32	72	4,154.20	A
Onion, Green		47.04	8	2.00	A
Orange		24,067.45	75	3,322.85	A
Parsley		3,987.84	178	841.51	A
Pastureland			2	10,000.00	S
		1.57	4	60.00	A
Total Pounds On This Commodity	1.57				
Peach		567,623.78	2,754	53,143.06	A
		0.39	1	25.00	U
Total Pounds On This Commodity	567,624.17				
Pear		32,624.90	156	3,729.10	A
Peas		115,267.27	664	7,640.39	A
Pepper, Fruiting		78,918.91	395	10,651.08	A
Pepper, Spice		67.20	1	21.00	A
Pistachio		965,666.72	859	104,774.86	A
Plum		30,197.97	414	4,681.34	A
		0.49	1	14.00	U
Total Pounds On This Commodity	30,198.45				
Pluot		91.20	2	11.40	A
Pomegranate		227,568.03	173	26,725.37	A
Potato		4.90	1	0.28	A
Prune		272,885.20	476	24,201.36	A
Pumpkin		59,703.30	63	2,341.90	A
Quince		3.84	1	0.33	A
Radicchio		4,103.48	26	1,302.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Radish		0.58	2	0.36	A
Raspberry		4,649.50	63	1,146.73	A
Regulatory Pest Control		1.91			
Research Commodity		240.18			
		39.66	26	12.44	A
Total Pounds On This Commodity	279.84				
Rights Of Way		447.98			
Sage		29.00	3	7.25	A
Squash		7,000.35	96	615.70	A
Squash, Summer		8,616.10	132	760.96	A
		18.62	2	2,400.00	S
Total Pounds On This Commodity	8,634.72				
Squash, Winter		6,492.50	6	236.00	A
Squash, Zucchini		71.54	16	2.97	A
Stone Fruit		1,004.80	15	129.00	A
Strawberry		666,629.78	4,724	146,783.75	A
Structural Pest Control		1,091.60	8	277.70	A
		2.74			
Total Pounds On This Commodity	1,094.34				
Sudangrass		504.00	1	65.00	A
Sugarbeet		511,064.78	279	21,854.28	A
Sugarbeet (Forage - Fodder)		2,960.00	6	444.00	A
Swiss Chard		632.91	73	280.58	A
Tangelo		2,207.14	5	187.00	A
Tangerine		10,083.45	27	669.80	A
Tomato		579,882.08	740	32,363.27	A
Tomato, Processing		9,141,450.94	4,088	376,395.69	A
Turf/Sod		272.00	2	88.00	A
Turnip		326.71	5	4.57	A
Uncultivated Ag		2,755.88	3	86.00	A
Unknown			1	1,000.00	S
		330.98	4	137.91	A
Total Pounds On This Commodity	330.98				
Vertebrate Control		23,522.97	47	3,226.87	A
		3,375.31			
Total Pounds On This Commodity	26,898.28				
Walnut		1,221.33	11	223.70	A
Watermelon		94,006.88	236	8,537.39	A
Chemical Total		42,310,670.13	108,538		
SULFUR DIOXIDE					
Commodity Fumigation		1,166.29			
Fumigation, Other		42,560.80			
Grape		63,977.74		579,787.96	T
		9,271.12		53,814.22	K
		5,755.73		2,676,465.90	C
		3,310.50		10,567,277.25	P
		71.00		363.08	A
		48.10		42,500.00	S
		11.96		147,960.00	U
Total Pounds On This Commodity	82,446.15				
Grape, Wine		105.54	9	2,139.00	A
		16.00		2,000.00	S
		6.44	23	834.00	U
		4.95		300.00	P
Total Pounds On This Commodity	132.93				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Industrial Site		23.00		632.00	P
		5.97		86.00	U
Total Pounds On This Commodity	28.97				
Landscape Maintenance		6.10			
N-Grnhs Flower		< 0.01	1	0.25	A
Regulatory Pest Control		83.47			
Structural Pest Control		902.23			
Chemical Total		127,326.95	33		
SULFURYL FLUORIDE					
Almond		22,967.44		588,850.00	C
		590.82		2,013.00	K
Total Pounds On This Commodity	< 0.01				
Bean, Dried		4,540.90		16,463.00	T
Celery		75.14	7	107.00	A
Commodity Fumigation		40,070.85			
Dried Fruit		227.05		756.00	K
Fumigation, Other		30,245.62			
Grape, Wine		29.94	1	21.50	A
Landscape Maintenance		1,367.19	3	160.00	A
		31.68			
Total Pounds On This Commodity	1,398.87				
Lemon		9.90	1	10.00	A
Nectarine		267.00	1	44.59	A
Nuts		2,179.63		1,748.00	K
Orange		149.70	1	12.00	A
Prune		214.57		152,000.00	C
Rice		249.50		260,000.00	S
		97.80		75,000.00	C
Total Pounds On This Commodity	347.30				
Rights Of Way		59.91			
Structural Pest Control		2,047,906.61			
Vertebrate Control		660.68			
Walnut		5,740.90		12,566.39	T
		2,537.81		606,907.00	U
		783.43		685,656.00	?
Total Pounds On This Commodity	9,062.13				
Chemical Total		2,161,004.07	14		
SYNTHETIC VEGETABLE GUMS					
Almond		1.09	1	132.00	A
N-Outdr Flower		0.46	41	11.00	A
N-Outdr Plants In Containers		1.81	138	55.25	A
Strawberry		1.99	2	64.00	A
Walnut		19.49	12	133.10	A
Chemical Total		24.85	194		
TALL OIL					
Alfalfa		1,728.99	867	52,442.02	A
Almond		5,428.45	1,154	80,763.77	A
Animal Premise		1.31		1.00	U
Apple		60.15	27	744.18	A
Apricot		43.84	56	1,882.00	A
Artichoke, Globe		0.41	1	33.00	A
Asparagus		29.50	28	3,073.30	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bean, Dried		55.32	47	2,342.00	A
Bean, Succulent		41.11	30	1,637.00	A
Beet		0.07	26	45.77	A
Bermudagrass		1.15	2	20.00	A
Blueberry		1.92	2	70.00	A
Bok Choy		0.07	36	42.47	A
Broccoli		32.64	22	923.50	A
Cabbage		25.96	231	739.68	A
Cantaloupe		22.78	10	665.00	A
Carrot		1.66	1	110.00	A
Cauliflower		4.73	4	228.00	A
Celeriac		0.08	40	53.08	A
Cherry		384.14	183	4,006.48	A
Chestnut		0.23	1	7.50	A
Chinese Cabbage (Nappa)		0.36	50	69.60	A
Collard		2.36	129	207.26	A
Corn (Forage - Fodder)		561.67	550	24,315.63	A
Corn, Grain		34.98	31	1,177.97	A
Corn, Human Consumption		167.17	454	15,861.70	A
Cotton		126.90	130	6,355.74	A
Cucumber		13.16	2	173.00	A
Daikon		< 0.01	5	5.23	A
Dandelion Green		< 0.01	4	2.45	A
Eggplant		2.48	4	55.00	A
Endive (Escarole)		0.03	42	16.14	A
Fig		6.15	2	90.00	A
Forage Hay/Silage		2.13	1	65.00	A
Forest, Timberland		0.10	1	5.00	A
Garlic		0.88	5	70.20	A
Grape		462.23	206	7,434.20	A
Grape, Wine		353.67	360	13,120.43	A
Industrial Site		0.04	1	3.50	A
Kale		0.23	35	36.28	A
Kohlrabi		0.02	15	14.92	A
Landscape Maintenance		235.77			
		1.99	2	42.30	A
Total Pounds On This Commodity	237.76				
Leek		0.04	22	28.09	A
Lemon		0.40	1	3.00	A
Lettuce, Head		98.29	77	2,717.06	A
Lettuce, Leaf		48.69	232	1,465.32	A
Melon		3.50	4	241.00	A
Mustard		0.45	122	178.43	A
N-Grnhs Flower		0.55	29	291,200.00	S
N-Grnhs Plants In Containers		8.81	19	175.90	A
		5.82	112	4,081,000.00	S
Total Pounds On This Commodity	14.63				
N-Outdr Flower		5.37	50	379.00	A
N-Outdr Plants In Containers		108.31	188	2,225.62	A
		12.75	341	12,406,400.00	S
		0.01	3	1,420.00	U
Total Pounds On This Commodity	121.07				
N-Outdr Transplants		7.11	2	83.50	A
Nectarine		133.84	192	3,903.47	A
Oat		9.40	3	182.00	A
Oat (Forage - Fodder)		144.92	88	3,338.40	A
Olive		41.89	5	194.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Onion, Dry		2.23	7	101.00	A
Orange		0.46	3	22.00	A
Parsley		0.11	36	61.63	A
Peach		196.09	293	4,794.57	A
Pear		< 0.01	74	3,256.60	A
Pepper, Fruiting		34.06	32	732.30	A
Persimmon		2.79	10	102.00	A
Pistachio		133.97	74	3,307.93	A
Plum		60.92	108	1,854.04	A
Pluot		1.95	1	38.91	A
Pomegranate		6.23	3	88.00	A
Potato		0.63	3	216.47	A
Prune		109.98	25	1,256.65	A
Public Health		26.60			
Radicchio		< 0.01	4	4.07	A
Radish		< 0.01	5	1.49	A
Rangeland		1.79	4	188.00	A
Regulatory Pest Control		1.18			
Research Commodity		4.27	1	20.00	A
Rice		534.30	208	16,151.35	A
		37.38	9	915.98	U
Total Pounds On This Commodity	571.68				
Rights Of Way		282.74			
		4.08	5	20.00	A
Total Pounds On This Commodity	286.83				
Soil Fumigation/Preplant		0.91	1	55.60	A
Sorghum (Forage - Fodder)		1.35	2	171.00	A
Sorghum/Milo		0.72	2	144.00	A
Spinach		10.35	10	485.93	A
Squash		0.64	2	63.00	A
Stone Fruit		0.75	2	15.00	A
Strawberry		17.32	2	372.00	A
Structural Pest Control		1.10			
Sudangrass		3.77	10	293.00	A
Sugarbeet		84.30	61	3,001.60	A
Sunflower		33.22	10	665.50	A
Sweet Potato		0.63	12	99.30	A
Swiss Chard		0.17	83	108.73	A
Tangerine		0.43	5	36.00	A
Tomato		2.84	5	290.50	A
Tomato, Processing		369.57	221	15,786.24	A
Triticale		1.89	1	97.00	A
Turf/Sod		3.52	11	70.16	A
Turnip		0.10	55	65.66	A
Uncultivated Ag		257.55	77	5,124.00	A
Uncultivated Non-Ag		1.33	8	76.00	A
Unknown		0.08	9	126.00	A
Walnut		507.81	259	6,387.95	A
Water Area		0.35		15.00	A
Watermelon		10.52	4	237.00	A
Wheat		64.37	81	3,748.96	A
Wheat (Forage - Fodder)		91.22	125	10,867.35	A
Chemical Total		13,322.71	8,250		
TALL OIL FATTY ACIDS					
Alfalfa		6,916.14	1,985	107,660.89	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond	10,643.19	2,614	124,901.34	A
Apple	41.89	25	567.17	A
Apricot	14.27	20	436.62	A
Asparagus	45.70	7	598.50	A
Avocado	10.09	2	75.00	A
Barley	71.20	16	926.00	A
Barley (Forage - Fodder)	3.92	3	106.00	A
Bean, Dried	205.75	43	1,998.80	A
Bean, Succulent	20.71	1	106.00	A
Bean, Unspecified	90.91	6	514.00	A
Beet	1.09	1	12.50	A
Bermudagrass	5.42	4	312.00	A
Blackberry	0.09	1	0.50	A
Blueberry	59.25	22	630.59	A
Broccoli	50.71	241	2,192.70	A
Cabbage	4.24	21	125.50	A
Canola (Rape)	0.94	1	23.00	A
Cantaloupe	40.71	12	994.10	A
Carrot	65.15	26	806.48	A
Celery	13.89	35	379.39	A
Cherry	289.58	201	3,629.67	A
Chestnut	0.02	3	0.27	A
Chinese Cabbage (Nappa)	0.91	3	19.50	A
Cilantro	16.36	2	89.00	A
Citrus	4.57	4	60.00	A
Clover	52.86	9	272.37	A
Corn (Forage - Fodder)	940.61	459	20,891.20	A
Corn, Grain	1.71	4	51.10	A
Corn, Human Consumption	706.94	352	16,653.90	A
Cotton	1,861.90	369	36,835.04	A
Cucumber	109.25	29	1,437.70	A
Endive (Escarole)	1.52	1	55.00	A
Fig	25.94	19	447.32	A
Forage Hay/Silage	8.14	5	265.00	A
Forest, Timberland	960.91	106	2,987.60	A
Garbanzo Bean	20.81	4	362.00	A
Garlic	400.69	30	4,306.20	A
Grape	1,116.00	467	18,138.61	A
Grape, Wine	8,619.29	1,411	90,212.75	A
Grapefruit	2.61	3	84.00	A
Industrial Site	0.10		5.50	A
Kale	0.63	9	228.00	A
Kiwi	9.30	5	115.60	A
Kohlrabi	< 0.01	1	0.99	A
Landscape Maintenance	75.36			
Lemon	74.85	13	293.00	A
Lettuce, Head	59.88	223	4,723.85	A
Lettuce, Leaf	14.57	69	2,327.72	A
Melon	21.04	19	672.54	A
Mint	34.79	15	677.72	A
Mustard	< 0.01	2	4.06	A
N-Grnhs Transplants	55.79	33	345.00	A
N-Outdr Flower	0.91	114	120.86	A
N-Outdr Plants In Containers	162.82	154	2,689.06	A
N-Outdr Transplants	8.77	21	243.69	A
Nectarine	134.79	392	2,996.47	A
Oat	57.01	18	929.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Oat (Forage - Fodder)		171.34	160	5,691.00	A
Olive		49.34	31	1,045.70	A
Onion, Dry		293.75	101	5,617.68	A
Orange		454.43	91	2,516.70	A
Pastureland		18.10	24	558.50	A
Peach		541.70	716	9,866.46	A
Pear		14.40	10	297.30	A
Pecan		4.65	3	56.00	A
Pepper, Fruiting		21.12	25	897.34	A
Pepper, Spice		4.64	4	91.80	A
Persimmon		1.83	9	30.63	A
Pistachio		1,436.71	303	19,201.24	A
Plum		146.51	299	2,049.15	A
Pomegranate		110.99	17	970.18	A
Potato		92.32	29	2,233.00	A
Prune		190.61	95	4,012.97	A
Public Health		5.02			
Pumpkin		1.13	6	76.00	A
Quince		< 0.01	1	0.05	A
Radicchio		16.48	31	2,083.00	A
Rangeland		37.32	4	637.00	A
Raspberry		5.38	6	78.64	A
Research Commodity		0.16	23	101.90	A
Rice		15,772.52	1,218	83,167.83	A
Rights Of Way		1,567.86			
		3.96	6	180.00	U
		1.00	3	53.00	A
Total Pounds On This Commodity	1,572.82				
Rye		13.57	7	148.00	A
Safflower		2.77	3	267.00	A
Soil Fumigation/Preplant		161.33	34	1,833.89	A
Sorghum (Forage - Fodder)		0.23	1	20.00	A
Sorghum/Milo		12.16	3	93.50	A
Spinach		8.93	7	179.10	A
Squash		11.30	8	275.00	A
Strawberry		97.79	39	2,048.20	A
Structural Pest Control		4.28			
Sudangrass		73.89	18	848.00	A
Sugarbeet		163.46	42	2,388.00	A
Sunflower		42.14	7	502.90	A
Sweet Potato		6.92	4	73.00	A
Swiss Chard		0.34	10	150.06	A
Tangelo		0.35	1	14.00	A
Tangerine		151.29	56	1,028.49	A
Timothy		0.86	1	85.00	A
Tomatillo		1.46	3	25.50	A
Tomato		132.65	84	2,309.43	A
Tomato, Processing		1,136.84	358	24,880.72	A
Turf/Sod		0.35	1	15.00	A
Turnip		< 0.01	1	1.15	A
Uncultivated Ag		156.53	44	1,679.36	A
Uncultivated Non-Ag		16.99	8	326.50	A
Unknown		2.22	2	25.30	A
Vertebrate Control		26.59	11	702.33	A
Walnut		1,059.70	626	18,788.02	A
Water Area		9.57		41.00	A
Watermelon		62.68	56	1,845.01	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat		784.10	143	9,243.78	A
Wheat (Forage - Fodder)		150.63	90	4,394.45	A
Chemical Total		59,411.71	14,538		
TARTRAZINE					
Grape, Wine		< 0.01	1	1.00	A
Landscape Maintenance		110.78			
Public Health		0.02			
Rights Of Way		8.02			
Structural Pest Control		2.08			
Water (Industrlial)		1.32		10.00	A
Water Area		71.12	18	723.65	A
		4.19		827,641.00	C
		1.17			
		0.88		696.96	K
		0.18		1,040,001.00	U
Total Pounds On This Commodity	77.55				
Chemical Total		199.78	19		
TCMTB					
Cotton		2,511.48		2,716.70	T
Safflower		83.17		413,725.00	?
Chemical Total		2,594.64			
TEBUCONAZOLE					
Barley		166.62		251,050.00	P
Cherry		2,946.47	584	13,528.94	A
Garlic		2,334.92	244	13,603.40	A
Grape		9,308.40	1,974	90,832.74	A
Grape, Wine		16,724.64	4,139	162,449.86	A
Landscape Maintenance		12.41			
N-Outdr Plants In Containers		32.34	10	262.00	A
N-Outdr Transplants		9.56	3	88.90	A
Nectarine		1,271.79	437	7,597.83	A
Oat		9.04		13,630.00	P
Onion, Dry		515.95	20	1,042.00	A
Onion, Green		16.19	3	18.00	A
Peach		1,690.12	653	10,499.80	A
Pistachio		159.02	30	1,519.35	A
Plum		3.38	1	15.00	A
Prune		8.66	1	19.25	A
Rights Of Way		46.23			
Structural Pest Control		571.77			
Uncultivated Non-Ag		0.01			
Vertebrate Control		21.65	6	197.75	A
Wheat		316.07		1,880,180.00	P
		15.04		25.25	T
		6.61		391,630.00	?
Total Pounds On This Commodity	337.72				
Chemical Total		36,186.89	8,105		
TEBUFENOZIDE					
Almond		2.54	1	5.00	A
Blackberry		2.54	2	9.98	A
Broccoli		5.01	7	54.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cabbage		125.92	111	685.50	A
Cauliflower		1.02	1	10.70	A
Celery		79.84	76	632.50	A
Chinese Cabbage (Nappa)		0.91	5	7.50	A
Endive (Escarole)		0.55	4	4.50	A
Kale		0.67	5	5.50	A
Lettuce, Head		209.73	149	1,969.45	A
Lettuce, Leaf		129.10	119	1,549.62	A
N-Grnhs Plants In Containers		0.12	1	0.62	A
N-Grnhs Transplants		5.08	3	75.00	A
Raspberry		34.45	4	138.12	A
Spinach		0.38	1	4.00	A
Swiss Chard		1.02	2	8.00	A
Tomatillo		1.08	1	8.50	A
Tomato		0.36	2	1.61	A
Tomato, Processing		60.33	11	358.30	A
Walnut		446.44	41	1,250.88	A
Chemical Total		1,107.08	546		
TEBUTHIURON					
Landscape Maintenance		618.98			
Rights Of Way		5,894.25			
Structural Pest Control		10.00			
Chemical Total		6,523.23			
TEMEPHOS					
Public Health		82.55			
Chemical Total		82.55			
1080					
Orange		0.27	1	67.00	A
Chemical Total		0.27	1		
TERBUTHYLAZINE					
Landscape Maintenance		1.39			
Structural Pest Control		1.54			
Water (Industrlial)		4.43		25.00	A
		4.34		4.00	U
Total Pounds On This Commodity	8.77				
Chemical Total		11.71			
TERRAZOLE					
Landscape Maintenance		15.75			
N-Grnhs Flower		22.42	38	344,674.00	S
		12.49	4	15.00	A
Total Pounds On This Commodity	34.91				
N-Grnhs Plants In Containers		153.23	81	42.48	A
		63.73	66	791,899.00	S
Total Pounds On This Commodity	216.96				
N-Grnhs Transplants		4.09	1	3.00	A
		0.60	1	12,000.00	S
Total Pounds On This Commodity	4.69				
N-Outdr Flower		4.28	7	9.25	A
		0.83	2	26,136.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	5.11				
N-Outdr Plants In Containers		748.74	82	583.69	A
		41.71	63	191,545.00	S
Total Pounds On This Commodity	790.44				
N-Outdr Transplants		59.87	45	147,354.00	S
		1.79	10	15.25	A
Total Pounds On This Commodity	61.67				
Regulatory Pest Control		0.30			
Chemical Total		1,129.83	400		
TETRACHLOROETHYLENE					
Structural Pest Control		94.43			
Chemical Total		94.43			
TETRACHLORVINPHOS					
Animal Premise		1,099.20		1,646.00	U
		6.27		0.29	A
Total Pounds On This Commodity	< 0.01				
Chicken		31.51		52.00	U
Landscape Maintenance		18.38			
Poultry		29.45		26.00	U
Public Health		104.03			
Structural Pest Control		16.73			
Chemical Total		1,305.56			
TETRACONAZOLE					
Grape		41.80	1	37.00	A
Grape, Wine		167.34	128	2,729.55	A
Chemical Total		209.14	129		
Z,E-9,12-TETRADECADIEN-1-YL ACETATE					
Grape, Wine		6,143.29	7	1,321.61	A
Structural Pest Control		0.20			
Watermelon		5.96	2	300.00	A
Chemical Total		6,149.46	9		
E-11-TETRADECEN-1-YL ACETATE					
Blueberry		5.48	8	322.37	A
Grape		7.36	16	423.03	A
Grape, Wine		42.04	64	4,674.42	A
N-Outdr Flower		255.52	1	3.00	A
Nectarine		0.07	2	8.30	A
Peach		0.11	2	13.50	A
Regulatory Pest Control		0.23			
Chemical Total		310.81	93		
Z-11-TETRADECEN-1-YL ACETATE					
Blueberry		0.91	8	322.37	A
Grape		1.22	16	423.03	A
Grape, Wine		6.61	64	4,674.42	A
Nectarine		0.01	2	8.30	A
Peach		0.02	2	13.50	A
Chemical Total		8.76	92		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TETRAMETHRIN					
Animal Premise		< 0.01		2.00	U
Landscape Maintenance		0.13			
Public Health		0.03			
Regulatory Pest Control		0.46			
Rights Of Way		0.10			
Structural Pest Control		1.24			
Chemical Total		1.97			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		1,316.13	374	17,561.90	A
Almond		9,996.97	1,001	63,022.36	A
Animal Premise		11.88		34.00	U
Apple		99.50	38	762.00	A
Apricot		33.57	24	550.10	A
Arrugula		2.35	12	85.20	A
Artichoke, Globe		15.80	21	199.40	A
Asparagus		91.94	20	1,465.10	A
Avocado		908.71	182	4,780.00	A
		2.41	3	480,000.00	U
Total Pounds On This Commodity	911.11				
Barley		109.21	12	1,723.50	A
Bean, Dried		27.55	63	1,789.80	A
Bean, Succulent		16.13	6	152.00	A
Bean, Unspecified		5.77	14	91.25	A
Beet		0.25	2	7.00	A
Blackberry		3.19	16	86.87	A
Blueberry		622.62	76	3,783.50	A
Bok Choy		2.57	44	67.70	A
Broccoli		262.01	500	6,856.68	A
Brussels Sprout		8.32	12	221.00	A
Cabbage		8.45	26	163.00	A
Cantaloupe		4.94	9	276.00	A
Carrot		6.54	10	177.26	A
Cauliflower		81.69	213	2,270.29	A
Celery		71.16	287	2,068.31	A
Cherry		889.34	102	2,783.60	A
Chicory		8.36	7	107.90	A
Chinese Cabbage (Nappa)		8.25	40	209.20	A
Cilantro		2.57	15	72.70	A
Citrus		3.99	5	73.00	A
Corn (Forage - Fodder)		385.24	181	6,837.34	A
Corn, Grain		20.37	10	193.70	A
Corn, Human Consumption		106.84	96	3,090.06	A
Cotton		431.09	343	11,625.52	A
Endive (Escarole)		7.10	24	143.70	A
Fennel		14.19	91	471.90	A
Forage Hay/Silage		335.91	30	1,457.90	A
Grape		15,372.56	2,147	90,719.90	A
Grape, Wine		7,528.57	1,512	75,577.19	A
Grapefruit		23.81	16	164.00	A
Industrial Site		5.59		10.00	A
Kale		0.84	7	30.10	A
Kiwi		3.83	2	20.66	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance		629.73			
		1.69	5	248.00	A
Total Pounds On This Commodity	631.42				
Leek		0.13	13	3.25	A
Lemon		121.35	65	420.00	A
Lettuce, Head		1,165.06	2,051	26,054.60	A
Lettuce, Leaf		882.34	1,599	15,179.85	A
Melon		5.95	8	278.90	A
Mint		1.27	5	153.00	A
Mustard		1.30	22	21.26	A
N-Grnhs Flower		107.85	322	1,325.79	A
		26.91	84	2,841,400.00	S
Total Pounds On This Commodity	134.76				
N-Grnhs Plants In Containers		86.61	587	1,255.95	A
		10.36	147	5,252,456.00	S
Total Pounds On This Commodity	96.97				
N-Grnhs Transplants		0.82	3	3.05	A
N-Outdr Flower		47.68	357	2,265.99	A
		0.27	5	180,000.00	S
Total Pounds On This Commodity	47.95				
N-Outdr Plants In Containers		236.34	1,480	3,799.92	A
		1.71	41	839,600.00	S
Total Pounds On This Commodity	238.05				
N-Outdr Transplants		78.12	93	517.83	A
		9.91	123	11,589,600.00	S
		0.58	1	75,000.00	U
Total Pounds On This Commodity	88.61				
Nectarine		249.70	299	4,916.86	A
Oat		120.81	20	595.00	A
Oat (Forage - Fodder)		22.44	11	401.00	A
Olive		61.49	16	453.60	A
Onion, Dry		15.13	10	253.60	A
Orange		2,660.69	398	9,556.32	A
Parsley		0.81	3	28.50	A
Pastureland		3.08	2	185.00	A
Peach		618.00	309	6,313.09	A
Pear		10.36	13	95.60	A
Peas		7.20	26	266.40	A
Pepper, Fruiting		14.12	8	254.00	A
Pepper, Spice		0.94	1	56.70	A
Persimmon		8.15	12	81.00	A
Pistachio		3,656.78	184	17,595.28	A
Plum		110.54	166	2,339.74	A
Pomegranate		22.55	26	341.00	A
Potato		414.17	25	1,661.14	A
Poultry		0.50		14.00	U
Prune		29.87	8	258.00	A
Pumpkin		0.21	2	8.00	A
Quince		1.67	2	25.00	A
Radish		0.58	14	9.35	A
Rangeland		180.91	16	2,772.00	A
Rappini		1.92	3	46.30	A
Raspberry		44.94	112	1,114.53	A
Research Commodity		0.31			
Rice, Wild		2.03	8	294.00	A
Rights Of Way		1,030.34			
		0.21	2	10.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	1,030.54				
Soil Fumigation/Preplant		96.94	6	372.00	A
Sorghum/Milo		3.00	1	85.00	A
Spinach		16.41	22	43.90	A
Squash, Summer		4.41	9	66.40	A
Stone Fruit		0.01	1	2.00	A
Strawberry		634.39	499	10,498.10	A
Structural Pest Control		2,345.19			
Sudangrass		31.18	6	220.86	A
Sunflower		4.62	5	278.00	A
Tangelo		40.20	7	88.75	A
Tangerine		215.66	46	2,178.30	A
Timothy		18.81	36	1,328.80	A
Tomato		356.63	87	3,240.05	A
Tomato, Processing		4,584.40	200	21,700.38	A
Turnip		0.51	12	8.11	A
Uncultivated Ag		239.98	89	2,168.60	A
		0.01	1	9,000.00	S
Total Pounds On This Commodity	239.99				
Uncultivated Non-Ag		3.21	3	11.25	A
Unknown		331.15	107	2,578.54	A
Walnut		1,317.56	272	8,292.53	A
Watermelon		2.28	11	91.20	A
Wheat		298.91	28	1,214.34	A
Wheat (Forage - Fodder)		229.69	31	1,393.38	A
Chemical Total		62,339.70	17,779		
ALPHA-[PARA-(1,1,3,3,-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE ESTER					
Alfalfa		0.77	13	583.00	A
Almond		95.33	69	5,606.89	A
Asparagus		0.40	1	102.30	A
Bean, Dried		0.95	8	490.00	A
Blueberry		5.58	7	603.00	A
Cherry		5.57	21	461.75	A
Corn (Forage - Fodder)		62.63	1	38.00	A
Cotton		1.34	3	237.00	A
Garlic		0.68	2	175.00	A
Grape		20.45	4	325.77	A
Kiwi		0.22	1	20.00	A
Melon		0.15	1	144.00	A
N-Grnhs Plants In Containers		13.85	5	112,460.00	S
		0.38	60	75.44	A
Total Pounds On This Commodity	14.23				
N-Outdr Flower		0.01	2	8.00	A
N-Outdr Plants In Containers		1.50	68	150.85	A
Nectarine		0.50	2	39.40	A
Orange		23.89	5	89.00	A
Peach		0.06	1	6.30	A
Pecan		6.59	1	18.00	A
Pepper, Fruiting		0.23	2	94.00	A
Pistachio		103.66	52	7,294.14	A
Plum		9.05	3	44.46	A
Rice		0.02	1	7.60	A
Rights Of Way		0.48			
Strawberry		0.20	4	145.20	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato, Processing		9.90	35	4,576.80	A
Walnut		0.25	1	27.50	A
Chemical Total		364.63	373		
TETRAPOTASSIUM PYROPHOSPHATE					
Alfalfa		32.81	253	11,619.20	A
Almond		491.16	473	31,280.83	A
Animal Premise		1.56		34.00	U
Apple		0.35	15	100.00	A
Apricot		0.78	7	127.60	A
Arrugula		0.31	12	85.20	A
Artichoke, Globe		2.07	21	199.40	A
Asparagus		9.83	17	1,360.10	A
Avocado		4.41	138	538.00	A
		0.32	3	480,000.00	U
Total Pounds On This Commodity	4.73				
Bean, Dried		3.63	63	1,789.80	A
Bean, Succulent		0.35	4	101.50	A
Beet		0.03	2	7.00	A
Blackberry		0.41	15	86.37	A
Blueberry		0.76	7	137.50	A
Bok Choy		0.34	44	67.70	A
Broccoli		34.02	498	6,841.45	A
Brussels Sprout		1.11	12	221.00	A
Cabbage		1.11	26	163.00	A
Cantaloupe		0.65	9	276.00	A
Carrot		0.87	10	177.26	A
Cauliflower		10.72	213	2,270.29	A
Celery		9.35	287	2,068.31	A
Cherry		18.47	35	1,221.60	A
Chicory		1.10	7	107.90	A
Chinese Cabbage (Nappa)		1.08	40	209.20	A
Cilantro		0.34	15	72.70	A
Citrus		0.38	4	70.00	A
Corn (Forage - Fodder)		15.05	157	5,466.74	A
Corn, Human Consumption		5.03	91	2,853.56	A
Cotton		34.32	331	10,761.52	A
Endive (Escarole)		0.85	23	139.10	A
Fennel		1.86	91	471.90	A
Forage Hay/Silage		0.96	19	699.80	A
Grape		223.83	1,073	44,303.76	A
Grape, Wine		139.90	631	26,168.65	A
Grapefruit		0.18	7	60.00	A
Kale		0.11	7	30.10	A
Kiwi		< 0.01	1	0.66	A
Landscape Maintenance		29.26			
		0.22	5	248.00	A
Total Pounds On This Commodity	29.48				
Leek		0.02	13	3.25	A
Lemon		0.26	5	42.00	A
Lettuce, Head		125.74	1,936	24,821.12	A
Lettuce, Leaf		81.21	1,440	13,300.54	A
Melon		0.78	8	278.90	A
Mint		0.17	5	153.00	A
Mustard		0.17	22	21.26	A
N-Grnhs Flower		14.16	322	1,325.79	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		3.53	84	2,841,400.00	S
Total Pounds On This Commodity	17.69				
N-Grnhs Plants In Containers		7.81	548	1,230.21	A
		1.36	147	5,252,456.00	S
Total Pounds On This Commodity	9.17				
N-Outdr Flower		6.24	353	2,264.46	A
		0.04	5	180,000.00	S
Total Pounds On This Commodity	6.27				
N-Outdr Plants In Containers		16.15	1,147	2,309.42	A
		0.22	40	829,600.00	S
Total Pounds On This Commodity	16.36				
N-Outdr Transplants		3.14	89	292.83	A
		1.30	123	11,589,600.00	S
		0.08	1	75,000.00	U
Total Pounds On This Commodity	4.51				
Nectarine		18.51	254	4,061.52	A
Oat		0.13	2	37.00	A
Oat (Forage - Fodder)		1.11	8	334.00	A
Olive		0.10	2	29.00	A
Onion, Dry		0.61	9	203.60	A
Orange		24.32	202	4,177.20	A
Parsley		0.11	3	28.50	A
Pastureland		0.17	1	160.00	A
Peach		51.61	257	5,332.35	A
Pear		0.11	11	17.50	A
Peas		0.95	26	266.40	A
Pepper, Fruiting		0.76	6	202.00	A
Pepper, Spice		0.12	1	56.70	A
Persimmon		0.28	2	32.00	A
Pistachio		116.36	94	9,037.94	A
Plum		8.06	141	1,978.24	A
Pomegranate		2.96	26	341.00	A
Potato		0.37	4	290.00	A
Poultry		0.07		14.00	U
Prune		1.67	4	235.00	A
Pumpkin		0.03	2	8.00	A
Quince		0.22	2	25.00	A
Radish		0.08	14	9.35	A
Rangeland		0.08	1	15.00	A
Rappini		0.25	3	46.30	A
Raspberry		5.95	111	1,113.73	A
Research Commodity		0.04			
Rice, Wild		0.27	8	294.00	A
Rights Of Way		6.48			
		0.03	2	10.00	A
Total Pounds On This Commodity	6.51				
Soil Fumigation/Preplant		0.17	1	30.00	A
Sorghum/Milo		0.40	1	85.00	A
Spinach		0.29	21	35.90	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		71.87	486	10,105.10	A
Structural Pest Control		292.50			
Sudangrass		0.07	2	80.00	A
Sunflower		0.61	5	278.00	A
Tangelo		0.15	5	21.75	A
Tangerine		10.30	37	2,048.80	A
Timothy		2.47	36	1,328.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		11.09	69	2,538.35	A
Tomato, Processing		15.83	64	4,967.42	A
Turnip		0.07	12	8.11	A
Uncultivated Ag		0.46	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	0.47				
Uncultivated Non-Ag		0.43	3	11.25	A
Unknown		0.08	4	2.00	A
Walnut		55.51	146	4,063.93	A
Watermelon		0.29	10	91.00	A
Wheat		0.82	9	388.00	A
Chemical Total		2,047.42	13,072		
THIABENDAZOLE					
Apple		4.24		5,998.25	T
Citrus		1,277.58		81,068.07	T
		209.30		316,367.76	U
Total Pounds On This Commodity	1,486.88				
Commodity Fumigation		55.01			
Grapefruit		34.26		5,783.78	T
		4.28		506,556.00	P
Total Pounds On This Commodity	38.54				
Landscape Maintenance		23.40			
Lemon		542.72		93,364.48	T
		90.91		8,908.20	U
		18.91		19.00	A
		3.88		785,194.00	P
Total Pounds On This Commodity	656.42				
Mushroom		1,693.60	1,439	10,079,192.13	S
		1,541.45	405	358.31	A
Total Pounds On This Commodity	3,235.05				
N-Grnhs Flower		3.54	9	106,000.00	S
		0.10	1	2,800.00	U
Total Pounds On This Commodity	3.64				
N-Grnhs Plants In Containers		6.97	3	5.07	A
N-Outdr Flower		2.55	1	4,000.00	S
N-Outdr Plants In Containers		0.59	3	4.06	A
Orange		7,160.55		1,004,836.10	T
		7.46		1,633,898.00	P
		4.53		698.00	A
Total Pounds On This Commodity	7,172.55				
Potato		91.53		77,654.00	C
		9.76		737.75	U
		8.14		699.45	A
Total Pounds On This Commodity	109.42				
Rights Of Way		1.44			
Structural Pest Control		9.11			
Tangelo		1.24		333,944.00	P
		0.10		70.43	T
Total Pounds On This Commodity	1.34				
Tangerine		3.80		4,173.48	T
Chemical Total		12,810.94	1,861		
THIACLOPRID					
Research Commodity		0.40	1	1.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		0.40	1		
THIAMETHOXAM					
Apple		1.91	4	30.00	A
Apricot		4.54	5	54.00	A
Arrugula		1.50	4	14.00	A
Artichoke, Globe		211.46	177	4,514.97	A
Bean, Dried		204.66		338,176.51	U
		139.53		281,900.00	P
Total Pounds On This Commodity	344.20				
Bean, Unspecified		144.02		290,550.00	U
Beet		1.32	3	9.23	A
Blueberry		35.02	6	559.00	A
Bok Choy		0.25	4	5.32	A
Broccoli		64.38	66	988.55	A
Cabbage		21.31	38	346.29	A
Cantaloupe		2.78	4	85.50	A
Carrot		10.64	7	227.00	A
Cauliflower		11.06	18	205.30	A
Celeriac		0.10	1	1.54	A
Celery		22.66	38	450.20	A
Cherry		402.26	228	5,511.79	A
Chinese Cabbage (Nappa)		0.60	6	9.50	A
Collard		1.60	3	21.20	A
Commodity Fumigation		12,205.07			
Cotton		1,045.17		15,637.00	T
		887.54	134	15,616.30	A
Total Pounds On This Commodity	1,932.72				
Cucumber		63.39	30	1,090.70	A
Daikon		0.10	1	1.54	A
Eggplant		0.75	1	17.00	A
Endive (Escarole)		1.20	4	21.87	A
Fennel		0.35	2	11.20	A
Grape		20.51	8	236.70	A
Grape, Wine		278.78	168	6,291.61	A
Kale		3.09	5	55.58	A
Landscape Maintenance		231.98			
		0.16	1	10.00	A
Total Pounds On This Commodity	232.14				
Lettuce, Head		179.25	181	2,925.00	A
Lettuce, Leaf		177.04	296	3,496.74	A
Melon		23.15	18	380.50	A
Mint		0.91	19	20.53	A
		0.23	5	7.25	U
Total Pounds On This Commodity	1.13				
N-Grnhs Flower		26.80	199	264.60	A
		2.27	40	1,547,200.00	S
Total Pounds On This Commodity	29.07				
N-Grnhs Plants In Containers		47.02	218	460.22	A
		9.10	123	3,932,588.00	S
Total Pounds On This Commodity	56.12				
N-Grnhs Transplants		0.32	11	3.23	A
		< 0.01	1	2,500.00	S
Total Pounds On This Commodity	0.32				
N-Outdr Flower		1.98	17	19.71	A
		0.50	4	190,480.00	S
Total Pounds On This Commodity	2.48				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		80.75	306	665.51	A
		2.13	29	381,185.00	S
Total Pounds On This Commodity	82.88				
N-Outdr Transplants		9.81	23	110.25	A
Nectarine		0.08	1	1.00	A
Peach		0.16	1	2.00	A
Pear		9.72	3	113.10	A
Pecan		1.75	2	28.00	A
Pepper, Fruiting		261.21	110	3,643.53	A
Pepper, Spice		1.94	1	31.00	A
Pimento		1.97	2	42.00	A
Plum		1.06	2	15.00	A
Potato		< 0.01	1	0.03	A
Prune		12.56	5	201.00	A
Pumpkin		13.52	27	235.00	A
Radish		0.08	2	1.28	A
Raspberry		8.66	30	150.50	A
Regulatory Pest Control		0.07			
Research Commodity		11.85	12	118.35	A
		0.03			
Total Pounds On This Commodity	11.88				
Spinach		0.98	2	6.00	A
Squash		33.27	33	597.10	A
Squash, Summer		2.12	4	32.80	A
Squash, Winter		0.94	1	15.00	A
Strawberry		875.22	445	13,208.42	A
Structural Pest Control		178.64			
Swiss Chard		2.86	5	49.96	A
Tomato		202.30	124	6,275.83	A
Tomato, Processing		3,501.00	210	23,802.89	A
Unknown		52.86	14	1,975.00	A
Vertebrate Control		8.75	4	140.00	A
Watermelon		87.51	39	1,424.50	A
Chemical Total		21,852.08	3,536		
THIAZOPYR					
Grape		141.95	4	127.00	A
Grape, Wine		71.58	47	705.22	A
N-Outdr Plants In Containers		24.37	3	12.16	A
Orange		77.16	7	171.33	A
Walnut		9.29	1	5.00	A
Chemical Total		324.35	62		
THIDIAZURON					
Cotton		8,343.31	1,753	149,377.71	A
Landscape Maintenance		1.17			
Uncultivated Ag		2.16	1	44.20	A
Chemical Total		8,346.65	1,754		
THIOBENCARB					
Alfalfa		129.32	1	37.00	A
Commodity Fumigation		1.05			
N-Outdr Plants In Containers		0.11	1	0.50	A
N-Outdr Transplants		2.62	1	4.00	A
Rice		278,768.47	855	72,659.91	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat		35.98	1	9.10	A
Chemical Total		278,937.54	859		
THIODICARB					
Broccoli		11.32	1	12.50	A
Cabbage		78.37	3	78.00	A
Cauliflower		8.04	1	8.00	A
Celery		70.33	5	95.20	A
Corn, Human Consumption		297.35	9	425.00	A
Lettuce, Head		44.75	6	59.40	A
N-Grnhs Transplants		1.16	1	2.29	A
Chemical Total		511.30	26		
THIOPHANATE					
Landscape Maintenance		15.04			
N-Grnhs Flower		0.03	1	5,000.00	S
N-Outdr Flower		0.50	1	4.00	A
N-Outdr Plants In Containers		0.25		0.50	A
N-Outdr Transplants		0.75	1	2.00	A
Strawberry		16.80	1	24.00	A
Chemical Total		33.37	4		
THIOPHANATE-METHYL					
Almond		15,982.66	231	25,273.80	A
Apple		0.35	1	0.50	A
Apricot		96.08	4	137.75	A
Bean, Succulent		406.65	7	387.28	A
Bean, Unspecified		38.50	11	55.00	A
Cantaloupe		156.99	8	459.00	A
Cherry		1,870.63	38	1,600.10	A
County Ag Comm		11.00			
Cucumber		50.40	8	72.00	A
Garbanzo Bean		52.50	2	50.00	A
Grape		2,455.45	114	3,466.19	A
Grape, Wine		2,179.12	383	4,660.82	A
Landscape Maintenance		13,345.57			
		86.00	7	49.50	A
		4.00	1	22,000.00	S
Total Pounds On This Commodity	13,435.58				
Melon		71.22	7	256.00	A
Mushroom		3.41	26	130,000.00	S
N-Grnhs Flower		694.24	653	1,443.04	A
		122.85	127	3,460,742.60	S
Total Pounds On This Commodity	817.09				
N-Grnhs Plants In Containers		2,634.54	1,066	2,108.56	A
		945.53	861	17,980,206.40	S
		30.68	65	574,845.00	U
Total Pounds On This Commodity	3,610.75				
N-Grnhs Transplants		311.83	322	3,429,182.26	S
		157.46	138	314.59	A
		7.69	8	21,600.00	U
Total Pounds On This Commodity	476.97				
N-Outdr Flower		1,479.72	362	6,649,780.00	S
		751.69	585	2,467.01	A
Total Pounds On This Commodity	2,231.41				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers		3,989.59	1,687	3,521.70	A
		245.85	414	6,126,762.00	S
		7.38	37	120,079.25	U
Total Pounds On This Commodity	4,242.82				
N-Outdr Transplants		841.04	201	970.27	A
		501.63	37	6,489,200.00	U
		98.44	51	875,816.00	S
Total Pounds On This Commodity	1,441.11				
Nectarine		445.76	12	426.50	A
Peach		440.91	16	419.99	A
Pistachio		20,105.82	273	18,279.18	A
Plum		109.20	5	104.00	A
Potato		1,746.00		3,455.70	T
Prune		14.00	1	10.00	A
Pumpkin		1.59	1	22.00	A
Research Commodity		0.70			
		0.45	1	2.20	A
Total Pounds On This Commodity	1.16				
Rights Of Way		12.42	3	4.40	A
		3.88			
Total Pounds On This Commodity	16.30				
Soil Fumigation/Preplant		19.61	2	9.00	A
Squash		10.88	1	31.00	A
Strawberry		12,643.68	671	18,287.34	A
Structural Pest Control		10.66			
Turf/Sod		2,021.56	41	1,010.12	A
		36.52	4	598,000.00	S
		32.00		360,000.00	U
Total Pounds On This Commodity	2,090.08				
Unknown		43.39	4	10.00	A
Watermelon		2,133.13	135	5,533.76	A
		0.96		361.71	K
Total Pounds On This Commodity	2,134.09				
Chemical Total		89,463.81	8,632		
THIRAM					
Alfalfa		1,380.73		781.68	A
		479.45		192,905.00	U
		378.96		153.30	P
Total Pounds On This Commodity	< 0.01				
Barley		5.00		251,050.00	P
Bean, Dried		1,463.04		1,827,569.00	P
		972.66		10,374.00	C
		49.86		1.00	U
Total Pounds On This Commodity	2,485.56				
Bermudagrass		52.45		68,682.00	?
		19.00		8,706.00	U
Total Pounds On This Commodity	71.46				
Broccoli		119.59		47,731.60	P
		3.05		1,194.85	K
		0.19		73.00	A
		< 0.01	2	40.60	U
Total Pounds On This Commodity	122.83				
Brussels Sprout		1.35		52.28	K
		0.14		57.70	P
Total Pounds On This Commodity	1.50				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cabbage		23.47		9,368.56	P
		4.37		1,526.75	K
Total Pounds On This Commodity	27.84				
Cantaloupe		14.21		5,221.29	K
		5.19		3,707.88	P
Total Pounds On This Commodity	19.40				
Carrot		85.62		68,659.70	P
		7.33		1,330.89	K
Total Pounds On This Commodity	92.95				
Cauliflower		3.18		1,258.40	P
		0.12		45.00	K
Total Pounds On This Commodity	3.30				
Cilantro		12.40		4,960.00	?
Collard		14.50		5,767.20	P
Commodity Fumigation		298.92			
Cucumber		1.07		387.20	K
		0.27		189.00	P
Total Pounds On This Commodity	1.34				
Endive (Escarole)		0.05		9.23	K
Forage Hay/Silage		1.65		660.00	?
Fumigation, Other		294.83			
Grass, Seed		0.75		300.00	?
Kale		1.79		710.00	P
Landscape Maintenance		5.98			
		1.28	1	1.00	A
Total Pounds On This Commodity	7.26				
Lettuce, Head		47.71		19,783.00	P
Lettuce, Leaf		0.79		144.32	K
		0.09		38.00	P
Total Pounds On This Commodity	0.88				
Melon		14.65		51,277.00	U
		0.94		672.70	P
Total Pounds On This Commodity	15.59				
N-Grnhs Flower		0.23	2	5.00	A
		0.11		2.89	K
Total Pounds On This Commodity	0.33				
N-Grnhs Plants In Containers		3.99	1	0.50	A
		0.30	4	117,144.00	S
		< 0.01		1.26	K
Total Pounds On This Commodity	4.30				
N-Outdr Flower		0.50	1	150,000.00	S
		0.38	2	5.50	A
Total Pounds On This Commodity	0.88				
N-Outdr Plants In Containers		0.08	3	6,000.00	S
N-Outdr Transplants		110.10		2,442,473.00	U
		0.04	1	1.00	A
Total Pounds On This Commodity	110.14				
Oat		0.27		13,630.00	P
Okra		68.65		56,000.00	?
		19.95		14,000.00	U
Total Pounds On This Commodity	88.60				
Onion, Dry		304.72		12,240.68	K
		221.49		105,578.68	P
		186.22		87,705.00	U
Total Pounds On This Commodity	712.43				
Peas		119.91		126,944.00	P
Pepper, Fruiting		6.48		3,096.40	P

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		1.78		633.22	K
		0.06		23.00	A
Total Pounds On This Commodity	8.32				
Pepper, Spice		1.06		441.00	P
Pumpkin		5.36		3,799.67	P
Radish		179.85		71,662.20	P
Rights Of Way		2.18			
Safflower		27.97		15,101.00	U
Spinach		3.68		1,502.00	P
		0.82	1	0.92	A
		0.71		2,673.60	K
Total Pounds On This Commodity	5.21				
Squash		46.90		17,037.34	K
		29.24		20,775.15	P
Total Pounds On This Commodity	76.14				
Strawberry		32,938.33	361	14,691.11	A
Structural Pest Control		2.01			
Sunflower		8.63		4,588.10	P
Tomato		0.49		331.72	P
		0.47		160.92	K
		0.03		5.00	A
Total Pounds On This Commodity	0.98				
Turnip		19.87		8,007.70	P
Vegetable		32.91		15,639.00	P
		6.59		2,677.00	U
		0.41		54.00	A
		0.02		4.93	K
Total Pounds On This Commodity	39.93				
Watermelon		16.28		5,683.01	K
		5.46		3,936.82	P
Total Pounds On This Commodity	21.74				
Wheat		305.33		1,417,760.00	P
		0.45		25.25	T
Total Pounds On This Commodity	305.78				
Chemical Total		40,446.91	379		
THYME					
Landscape Maintenance		190.73			
		3.81	2	58.00	A
Total Pounds On This Commodity	< 0.01				
Structural Pest Control		527.04			
		0.55	1	10.00	A
Total Pounds On This Commodity	527.59				
Chemical Total		722.13	3		
THYMOL					
Beehive		480.62	8	14,217.00	U
		62.50		4,200.00	C
		6.00		900.00	?
		3.57	2	44.00	A
Total Pounds On This Commodity	< 0.01				
Landscape Maintenance		920.34			
Regulatory Pest Control		116.57			
Rights Of Way		64.05			
Spinach		< 0.01	1	6.15	A
Structural Pest Control		3.37			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		1,657.03	11		
TOXAPHENE					
Oat		41.50	1	45.00	A
Chemical Total		41.50	1		
TRALKOXYDIM					
Barley		348.23	22	1,659.50	A
Wheat		180.80	21	749.60	A
Wheat (Forage - Fodder)		154.57	13	634.00	A
Chemical Total		683.59	56		
TRALOMETHRIN					
Landscape Maintenance		< 0.01			
Rights Of Way		< 0.01			
Structural Pest Control		2.74			
Chemical Total		2.74			
TRIADIMEFON					
Bermudagrass		7.16	3	100.00	A
Grape, Wine		12.23	8	65.57	A
Landscape Maintenance		888.47			
		8.85	2	40.00	A
		4.13	1	130,000.00	S
Total Pounds On This Commodity	901.45				
N-Grnhs Flower		7.02	42	69.92	A
		0.22	9	71,800.00	S
Total Pounds On This Commodity	7.23				
N-Grnhs Plants In Containers		6.62	26	52.91	A
		2.25	21	442,000.00	S
		0.02	1	10,000.00	U
Total Pounds On This Commodity	8.89				
N-Grnhs Transplants		1.19	2	3.50	A
		0.78	1	50,000.00	S
Total Pounds On This Commodity	1.96				
N-Outdr Flower		43.82	40	240.48	A
		0.35	9	165,750.00	S
Total Pounds On This Commodity	44.17				
N-Outdr Plants In Containers		49.95	168	334.55	A
		0.73	16	171,500.00	S
		0.11	2	4,000.00	U
Total Pounds On This Commodity	50.80				
N-Outdr Transplants		0.80	9	7.46	A
Raspberry		4.00	5	36.00	A
Research Commodity		0.42			
Rights Of Way		1.56			
Turf/Sod		4.13	1	1.00	A
Chemical Total		1,044.80	366		
TRIBENURON-METHYL					
Barley		0.05	2	4.00	A
Structural Pest Control		2.49			
Chemical Total		2.55	2		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
3,4',5-TRIBROMOSALICYLANILIDE					
Almond		< 0.01		117.00	
N-Grnhs Transplants		< 0.01	3	2.50	A
Rights Of Way		< 0.01	1	1.00	A
		< 0.01			
Total Pounds On This Commodity	< 0.01				
		< 0.01	4	16,012.00	S
Chemical Total		< 0.01	8		
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE					
Cotton		6,507.69	116	4,938.15	A
Research Commodity		0.88	2	0.90	A
Chemical Total		6,508.57	118		
TRIBUTYLTIN OXIDE					
Animal Premise		35.09		37.00	U
Landscape Maintenance		42.84			
Rights Of Way		1.12			
Structural Pest Control		44.19			
Vertebrate Control		42.41			
Chemical Total		165.65			
TRICHLORFON					
Structural Pest Control		24.90			
Chemical Total		24.90			
TRICHLOROACETIC ACID, SODIUM SALT					
N-Outdr Flower		1.22	2	16.00	A
Chemical Total		1.22	2		
TRICHLOROFLUOROMETHANE					
Landscape Maintenance		0.13			
Structural Pest Control		63.95			
Chemical Total		64.08			
TRICHLORO-S-TRIAZINETRIONE					
Landscape Maintenance		25,195.06			
		0.46	2	200.00	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Transplants		1.24	1	1.00	A
Structural Pest Control		0.68			
Water (Industrlial)		325.15		6.00	U
		139.35		2.00	A
Total Pounds On This Commodity	464.50				
Chemical Total		25,661.95	3		
TRICHODERMA HARZIANUM RIFAI STRAIN KRL-AG2					
Cucumber		0.10	9	11.25	A
Herb, Spice		0.22	15	18.75	A
Landscape Maintenance		0.03			
Lemon		0.03	1	8.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Head		< 0.01	1	21.75	A
N-Grnhs Flower		0.19	9	146,361.60	S
		0.06	4	0.40	A
Total Pounds On This Commodity	0.25				
N-Grnhs Plants In Containers		4.15	263	936,155.00	S
		0.49	46	47,025.00	U
		0.18	13	6.42	A
Total Pounds On This Commodity	4.82				
N-Grnhs Transplants		1.95	100	1,140,076.00	S
		0.09	3	2.10	A
Total Pounds On This Commodity	2.05				
N-Outdr Flower		0.87	17	784,000.00	S
		0.06	2	1.00	A
Total Pounds On This Commodity	0.93				
N-Outdr Plants In Containers		1.21	37	95.24	A
		1.05	19	4,597.00	S
Total Pounds On This Commodity	2.25				
N-Outdr Transplants		0.02	1	1,600.00	U
Research Commodity		0.07	1	19.20	A
		< 0.01			
Total Pounds On This Commodity	0.07				
Tomato		0.19	3	53.00	A
Chemical Total		10.97	544		
TRICLOPYR, BUTOXYETHYL ESTER					
Forage Hay/Silage		4.16	1	32.00	A
Forest, Timberland		3,264.44	105	2,261.70	A
		5.54		20.00	U
Total Pounds On This Commodity	3,269.98				
Fumigation, Other		28.39			
Grape, Wine		5.92	1	3.00	A
Industrial Site		165.56		227.50	A
Landscape Maintenance		19,470.85			
		112.94	50	429.20	A
		0.26	2	11,000.00	S
Total Pounds On This Commodity	19,584.05				
N-Grnhs Transplants		8.24		23.50	A
N-Outdr Flower		383.70	42	305.32	A
N-Outdr Plants In Containers		115.68	20	96.42	A
		44.84	7	107,800.00	S
Total Pounds On This Commodity	160.52				
Pastureland		1,140.44	77	1,343.25	A
		0.09			
Total Pounds On This Commodity	1,140.54				
Public Health		338.21			
Rangeland		318.05	110	1,025.65	A
Recreation Area		2.96		5.00	A
Regulatory Pest Control		272.96			
		56.27		13.00	A
Total Pounds On This Commodity	329.23				
Rights Of Way		22,029.89			
		62.79		242.70	A
Total Pounds On This Commodity	22,092.68				
Structural Pest Control		207.04			
		3.46	1	1.50	A
Total Pounds On This Commodity	210.50				

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Turf/Sod		2,890.98	127	2,305.49	A
		0.21		3,000.00	S
Total Pounds On This Commodity	2,891.19				
Uncultivated Ag		221.39	12	197.50	A
Uncultivated Non-Ag		623.89	33	1,270.32	A
		22.81		1.00	?
Total Pounds On This Commodity	646.70				
Unknown		4.04			
		0.51		2.00	A
Total Pounds On This Commodity	4.55				
Vertebrate Control		10.30			
		0.13	1	10.00	A
Total Pounds On This Commodity	10.43				
Walnut		22.21	1	30.00	A
Chemical Total		51,839.15	590		
TRICLOPYR, TRIETHYLAMINE SALT					
Ditch Bank		6.38		10.00	A
Forest, Timberland		845.60	45	1,280.50	A
Industrial Site		0.50		0.25	A
Landscape Maintenance		3,629.40			
		0.20	3	3.00	A
		0.04	1	1.00	U
Total Pounds On This Commodity	3,629.64				
N-Grnhs Plants In Containers		1.47		3.00	A
N-Outdr Plants In Containers		96.08	14	133.90	A
Pastureland		1,647.32	32	1,576.10	A
Prune		9.14	1	55.00	A
Rangeland		409.52	16	671.50	A
Recreation Area		0.34	1	10.00	A
Regulatory Pest Control		14.17			
		2.56		0.50	A
Total Pounds On This Commodity	16.73				
Rice		53,111.86	3,857	287,450.85	A
		138.23	7	688.29	U
Total Pounds On This Commodity	53,250.09				
Rights Of Way		12,654.84			
		10.63	1	20.00	A
Total Pounds On This Commodity	12,665.47				
Structural Pest Control		111.78			
Turf/Sod		51.47	3	73.10	A
Uncultivated Ag		752.19	18	480.50	A
Uncultivated Non-Ag		1,854.26	24	965.40	A
		0.12	3	1,500.00	S
Total Pounds On This Commodity	1,854.38				
Walnut		41.57	2	26.80	A
Water Area		0.26		0.25	A
Wheat		3.25	1	32.60	A
Chemical Total		75,393.21	4,029		
(E)-4-TRIDECEN-1-YL-ACETATE					
Tomato		2.78	3	160.00	A
Tomato, Processing		76.90	38	3,782.10	A
Chemical Total		79.68	41		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
(Z)-4-TRIDECEN-1-YL-ACETATE					
Tomato		0.09	3	160.00	A
Tomato, Processing		2.44	38	3,782.10	A
Chemical Total		2.53	41		
TRIETHANOLAMINE					
Alfalfa		83.66	253	11,619.20	A
Almond		1,252.45	473	31,280.83	A
Animal Premise		3.98		34.00	U
Apple		0.88	15	100.00	A
Apricot		2.00	7	127.60	A
Arrugula		0.79	12	85.20	A
Artichoke, Globe		5.29	21	199.40	A
Asparagus		25.07	17	1,360.10	A
Avocado		11.24	138	538.00	A
		0.81	3	480,000.00	U
Total Pounds On This Commodity	12.05				
Bean, Dried		9.25	63	1,789.80	A
Bean, Succulent		0.89	4	101.50	A
Beet		0.08	2	7.00	A
Blackberry		1.03	15	86.37	A
Blueberry		1.93	7	137.50	A
Bok Choy		0.86	44	67.70	A
Broccoli		86.76	498	6,841.45	A
Brussels Sprout		2.83	12	221.00	A
Cabbage		2.83	26	163.00	A
Cantaloupe		1.65	9	276.00	A
Carrot		2.22	10	177.26	A
Cauliflower		27.34	213	2,270.29	A
Celery		23.84	287	2,068.31	A
Cherry		47.10	35	1,221.60	A
Chicory		2.80	7	107.90	A
Chinese Cabbage (Nappa)		2.76	40	209.20	A
Cilantro		0.86	15	72.70	A
Citrus		0.97	4	70.00	A
Corn (Forage - Fodder)		38.37	157	5,466.74	A
Corn, Human Consumption		12.84	91	2,853.56	A
Cotton		87.50	331	10,761.52	A
Endive (Escarole)		2.17	23	139.10	A
Fennel		4.75	91	471.90	A
Forage Hay/Silage		2.44	19	699.80	A
Grape		570.76	1,073	44,303.76	A
Grape, Wine		356.75	631	26,168.65	A
Grapefruit		0.45	7	60.00	A
Kale		0.28	7	30.10	A
Kiwi		< 0.01	1	0.66	A
Landscape Maintenance		74.61			
		0.57	5	248.00	A
Total Pounds On This Commodity	75.17				
Leek		0.04	13	3.25	A
Lemon		0.65	5	42.00	A
Lettuce, Head		320.64	1,936	24,821.12	A
Lettuce, Leaf		207.08	1,440	13,300.54	A
Melon		1.99	8	278.90	A
Mint		0.43	5	153.00	A
Mustard		0.44	22	21.26	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Flower		36.10	322	1,325.79	A
		9.01	84	2,841,400.00	S
Total Pounds On This Commodity	45.11				
N-Grnhs Plants In Containers		19.91	548	1,230.21	A
		3.47	147	5,252,456.00	S
Total Pounds On This Commodity	23.38				
N-Grnhs Transplants		0.02	3	3.00	A
N-Outdr Flower		15.91	353	2,264.46	A
		0.09	5	180,000.00	S
Total Pounds On This Commodity	16.00				
N-Outdr Plants In Containers		41.17	1,147	2,309.42	A
		0.56	40	829,600.00	S
Total Pounds On This Commodity	41.73				
N-Outdr Transplants		8.00	89	292.83	A
		3.32	123	11,589,600.00	S
		0.20	1	75,000.00	U
Total Pounds On This Commodity	11.51				
Nectarine		47.20	254	4,061.52	A
Oat		0.32	2	37.00	A
Oat (Forage - Fodder)		2.84	8	334.00	A
Olive		0.24	2	29.00	A
Onion, Dry		1.57	9	203.60	A
Orange		62.01	202	4,177.20	A
Parsley		0.27	3	28.50	A
Pastureland		0.45	1	160.00	A
Peach		131.61	257	5,332.35	A
Pear		0.29	11	17.50	A
Peas		2.43	26	266.40	A
Pepper, Fruiting		1.94	6	202.00	A
Pepper, Spice		0.32	1	56.70	A
Persimmon		0.72	2	32.00	A
Pistachio		296.71	94	9,037.94	A
Plum		20.55	141	1,978.24	A
Pomegranate		7.55	26	341.00	A
Potato		0.95	4	290.00	A
Poultry		0.17		14.00	U
Prune		4.25	4	235.00	A
Pumpkin		0.07	2	8.00	A
Quince		0.56	2	25.00	A
Radish		0.20	14	9.35	A
Rangeland		0.21	1	15.00	A
Rappini		0.64	3	46.30	A
Raspberry		15.16	111	1,113.73	A
Research Commodity		0.11			
Rice, Wild		0.68	8	294.00	A
Rights Of Way		16.53			
		0.07	2	10.00	A
Total Pounds On This Commodity	16.60				
Soil Fumigation/Preplant		0.45	1	30.00	A
Sorghum/Milo		1.02	1	85.00	A
Spinach		0.73	21	35.90	A
Stone Fruit		< 0.01	1	2.00	A
Strawberry		183.27	486	10,105.10	A
Structural Pest Control		745.89			
Sudangrass		0.17	2	80.00	A
Sunflower		1.55	5	278.00	A
Tangelo		0.39	5	21.75	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tangerine		26.26	37	2,048.80	A
Timothy		6.29	36	1,328.80	A
Tomato		28.28	69	2,538.35	A
Tomato, Processing		40.36	64	4,967.42	A
Turnip		0.17	12	8.11	A
Uncultivated Ag		1.18	9	97.00	A
		< 0.01	1	9,000.00	S
Total Pounds On This Commodity	1.19				
Uncultivated Non-Ag		1.09	3	11.25	A
Unknown		0.21	4	2.00	A
Walnut		141.55	146	4,063.93	A
Watermelon		0.75	10	91.00	A
Wheat		2.09	9	388.00	A
Chemical Total		5,220.93	13,075		
TRIETHANOLAMINE SULFONATE					
Structural Pest Control		16.72			
Chemical Total		16.72			
TRIETHYLENE GLYCOL					
Vertebrate Control		0.51			
Chemical Total		0.51			
TRIFLOXYSTROBIN					
Almond		4,078.34	364	28,564.05	A
Apple		258.41	193	3,450.27	A
Apricot		9.19	11	90.77	A
Cantaloupe		290.08	65	4,660.50	A
Celeriac		2.87	6	30.60	A
Celery		395.11	270	4,305.77	A
Cherry		272.31	106	3,013.88	A
Corn (Forage - Fodder)		104.98	29	1,286.40	A
Corn, Grain		69.60	24	810.50	A
Corn, Human Consumption		13.19	5	158.00	A
Cucumber		22.50	21	301.00	A
Fennel		3.56	9	43.70	A
Grape		10,006.04	3,002	128,602.04	A
Grape, Wine		13,504.74	5,105	176,274.47	A
Landscape Maintenance		264.10			
		1.31	3	105.20	A
Total Pounds On This Commodity	265.41				
Lemon		2.34	2	50.00	A
Melon		76.10	14	1,254.45	A
N-Grnhs Flower		20.45	115	206.65	A
		7.35	41	1,604,544.00	S
Total Pounds On This Commodity	27.79				
N-Grnhs Plants In Containers		13.02	47	118.52	A
		5.16	51	1,592,655.00	S
Total Pounds On This Commodity	18.18				
N-Grnhs Transplants		0.42	9	3.16	A
N-Outdr Flower		37.54	84	406.33	A
		0.52	7	157,320.00	S
Total Pounds On This Commodity	38.06				
N-Outdr Plants In Containers		72.91	150	657.23	A
		1.90	26	538,490.00	S

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.63	5	12,150.00	U
Total Pounds On This Commodity	75.43				
N-Outdr Transplants		7.54	19	112.49	A
		0.06	1	20,000.00	S
Total Pounds On This Commodity	7.61				
Nectarine		108.94	63	1,096.10	A
Peach		125.83	59	1,421.05	A
Pear		44.51	28	656.25	A
Pepper, Fruiting		94.45	39	1,357.55	A
Pepper, Spice		0.31	1	5.00	A
Pistachio		1,125.47	158	12,344.79	A
Plum		21.06	14	200.39	A
Prune		3.60	2	38.00	A
Pumpkin		15.59	10	244.00	A
Quince		< 0.01	3	0.15	A
Research Commodity		4.42	6	35.23	A
		0.16			
Total Pounds On This Commodity	4.58				
Rice		2,278.04	189	14,927.76	A
Rights Of Way		0.09	1	1.50	A
		0.03	1	11,000.00	S
Total Pounds On This Commodity	0.13				
Squash		13.66	9	153.50	A
Squash, Summer		0.07	1	1.00	A
Squash, Winter		1.57	2	28.00	A
Strawberry		498.43	76	2,271.31	A
Structural Pest Control		0.10			
Sugarbeet (Forage - Fodder)		16.85	2	148.00	A
Swiss Chard		0.57	9	9.09	A
Tangerine		464.61	147	2,431.86	A
Tomato		57.25	24	471.38	A
Tomato, Processing		348.39	38	3,364.44	A
Turf/Sod		3.00	3	450,000.00	S
		2.00	2	14.50	A
Total Pounds On This Commodity	5.00				
Vertebrate Control		44.87	10	575.67	A
Walnut		0.88	1	14.00	A
Watermelon		466.65	113	4,683.53	A
Wheat		53.65	13	950.40	A
Chemical Total		35,337.32	10,808		
TRIFLOXYSULFURON-SODIUM					
Landscape Maintenance		42.87			
		2.34	1	42.00	A
Total Pounds On This Commodity	< 0.01				
Turf/Sod		10.42	23	329.96	A
Unknown		0.21	1	7.00	A
Chemical Total		55.84	25		
TRIFLUMIZOLE					
Apple		1.82	3	9.00	A
Cantaloupe		250.42	22	1,337.70	A
Cherry		705.66	59	1,830.11	A
Cucumber		41.72	17	170.40	A
Grape		8,813.82	928	43,352.80	A
Grape, Wine		39,331.51	3,068	115,843.53	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		29.39	1	24,255.00	S
Total Pounds On This Commodity	39,360.90				
Landscape Maintenance		0.31			
Melon		203.61	48	1,182.38	A
N-Grnhs Flower		45.79	112	141.49	A
		4.93	25	372,528.00	S
Total Pounds On This Commodity	50.72				
N-Grnhs Plants In Containers		110.62	91	224.31	A
		21.71	65	2,163,962.00	S
Total Pounds On This Commodity	132.34				
N-Grnhs Transplants		37.75	24	9.49	A
		0.09	12	36,200.00	S
Total Pounds On This Commodity	37.84				
N-Outdr Flower		22.99	24	80.70	A
		0.70	3	45,000.00	S
Total Pounds On This Commodity	23.69				
N-Outdr Plants In Containers		67.54	78	331.58	A
		23.23	68	1,002,400.00	S
		2.00	1	6,000.00	U
Total Pounds On This Commodity	92.77				
N-Outdr Transplants		3.88	6	16.00	A
Pear		252.16	28	591.40	A
Pepper, Spice		0.14	2	0.20	A
Pumpkin		29.91	8	139.00	A
Research Commodity		1.71	1	7.00	A
		0.66			
Total Pounds On This Commodity	2.37				
Squash		19.01	21	109.42	A
Squash, Summer		4.90	1	20.00	A
Strawberry		5,287.88	615	20,995.82	A
Structural Pest Control		13.15	1	35.00	A
Tomato		0.03	1	0.25	A
Watermelon		1,207.42	117	5,060.31	A
Chemical Total		56,536.46	5,450		
TRIFLURALIN					
Alfalfa		279,592.18	2,516	148,708.32	A
Almond		17,997.19	189	28,067.18	A
Apricot		2.50	1	0.25	A
Asparagus		7,367.86	144	4,682.93	A
Bean, Dried		5,924.03	189	9,018.68	A
Bean, Succulent		1,143.34	55	2,183.33	A
Bean, Unspecified		509.49	29	764.10	A
Bermudagrass		4,747.98	30	2,414.00	A
Broccoli		5,588.59	706	9,672.96	A
Brussels Sprout		25.84	4	26.00	A
Cabbage		273.98	23	474.50	A
Cantaloupe		3,933.10	74	6,782.39	A
Carrot		7,984.77	160	10,605.12	A
		612.29		824.00	U
Total Pounds On This Commodity	8,597.06				
Cauliflower		785.54	102	1,279.95	A
Celery		397.71	25	491.70	A
Collard		0.24	1	0.50	A
Corn (Forage - Fodder)		369.09	9	439.00	A
Corn, Grain		128.50	2	122.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Corn, Human Consumption		3.98	1	8.00	A
Cotton		23,497.08	355	28,082.28	A
Cucumber		88.15	4	98.00	A
Eggplant		16.44	2	30.00	A
Garbanzo Bean		482.55	11	846.90	A
Grape		5,301.00	131	10,763.80	A
Grape, Wine		9,149.22	167	8,508.62	A
Grapefruit		21.00	1	14.00	A
Kale		0.92	2	2.00	A
Landscape Maintenance		1,902.69			
		2.80	1	6.50	A
Total Pounds On This Commodity	1,905.49				
Lemon		100.79	14	134.00	A
Melon		1,596.01	42	2,064.88	A
N-Grnhs Flower		0.07	1	1,840.00	S
N-Grnhs Plants In Containers		11.50	12	5.99	A
		4.20	8	93,340.00	S
Total Pounds On This Commodity	15.70				
N-Outdr Flower		34.63	18	21.27	A
N-Outdr Plants In Containers		2,829.03	695	1,647.40	A
		24.35	75	545,735.00	S
		6.50	24	138,435.00	U
Total Pounds On This Commodity	2,859.88				
N-Outdr Transplants		182.28	17	111.75	A
Okra		44.09	3	55.00	A
Olive		0.60	1	10.00	A
Orange		601.56	19	727.00	A
Peach		106.57	5	59.75	A
Peas		117.74	29	344.90	A
Pecan		12.44	2	5.25	A
Pepper, Fruiting		1,659.40	130	2,292.55	A
Pepper, Spice		12.04	1	12.00	A
Pistachio		27.68	1	20.00	A
Plum		66.51	3	38.20	A
Pumpkin		16.55	1	28.00	A
Radicchio		203.00	4	203.00	A
Radish		35.80	3	41.00	A
Regulatory Pest Control		3.30			
Research Commodity		27.55			
Rights Of Way		2,058.57			
		0.70	6	0.35	A
Total Pounds On This Commodity	2,059.27				
Safflower		24,468.87	170	22,633.04	A
Soil Fumigation/Preplant		220.69	14	498.90	A
Squash		10.64	1	14.00	A
Structural Pest Control		17.08			
Sugarbeet		7,302.05	134	10,093.00	A
Sugarbeet (Forage - Fodder)		110.74	2	148.00	A
Sugarcane		12.38	2	10.00	A
Sunflower		4,287.32	93	6,127.00	A
Tomato		6,635.40	209	9,743.28	A
Tomato, Processing		97,208.45	2,201	154,784.28	A
Uncultivated Ag		197.29	8	294.00	A
Uncultivated Non-Ag		2.00	1	1.00	A
Unknown		421.43		307.60	A
Walnut		625.45	14	644.15	A
Watermelon		692.04	13	852.25	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Wheat		493.66	15	819.70	A
Wheat (Forage - Fodder)		152.49	3	226.00	A
Chemical Total		530,491.48	8,928		
TRIFLUSULFURON-METHYL					
Sugarbeet		306.97	431	31,261.78	A
Chemical Total		306.97	431		
TRIFORINE					
Landscape Maintenance		3.10			
N-Grnhs Plants In Containers		0.02	1	3,000.00	S
N-Outdr Plants In Containers		0.19	5	8.30	A
		0.04	2	6,800.00	S
Total Pounds On This Commodity	0.23				
Pepper, Spice		0.03		0.50	A
Research Commodity		0.38			
Structural Pest Control		0.19			
Vertebrate Control		0.13	1	1.00	A
Chemical Total		4.08	9		
ALPHA-2,4,6-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY (OXYETHYLENE)					
Pepper, Fruiting		19.58	2	85.00	A
Tomato		< 0.01	1	2.00	A
Chemical Total		< 0.01	3		
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY (OXYETHYLENE)					
Alfalfa		71.17	44	2,003.00	A
Almond		3,795.43	476	38,516.36	A
Apple		12.89	1	40.00	A
Apricot		10.69	6	310.00	A
Avocado		757.51	61	1,211.13	A
Bean, Dried		55.66	11	574.00	A
Bean, Succulent		1.55	1	30.00	A
Bok Choy		0.04	1	3.30	A
Broccoli		17.68	23	635.00	A
Cauliflower		1.21	1	23.40	A
Celery		43.42	41	408.20	A
Cherry		75.56	18	749.00	A
Chinese Cabbage (Nappa)		0.29	1	22.20	A
Corn (Forage - Fodder)		407.31	54	2,767.10	A
Corn, Human Consumption		61.60	102	3,591.00	A
Cotton		15.77	1	306.00	A
Eggplant		1.94	2	32.00	A
Endive (Escarole)		0.11	2	1.00	A
Garbanzo Bean		1.62	2	50.00	A
Garlic		3.17	2	117.00	A
Grape		314.93	55	5,347.56	A
Grape, Wine		2,579.62	653	10,928.54	A
Grapefruit		19.90	1	80.00	A
Landscape Maintenance		22.14			
Lemon		107.58	8	345.40	A
Lettuce, Head		58.58	52	1,952.20	A
Lettuce, Leaf		72.76	73	1,412.10	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Flower		30.09	109	220.44	A
		0.06	1	45,000.00	S
Total Pounds On This Commodity	30.15				
N-Grnhs Plants In Containers		6.36	20	39.78	A
		5.39	100	1,908,982.00	S
Total Pounds On This Commodity	11.75				
N-Grnhs Transplants		16.21	65	2,723,391.00	S
		0.64	13	15.72	A
Total Pounds On This Commodity	16.85				
N-Outdr Flower		261.46	1,200	4,718.42	A
N-Outdr Plants In Containers		131.89	551	1,204.36	A
		0.67	8	513,150.00	S
Total Pounds On This Commodity	132.57				
N-Outdr Transplants		62.02	50	839.89	A
		28.54	279	10,884,815.00	S
Total Pounds On This Commodity	90.55				
Nectarine		23.91	3	107.00	A
Onion, Dry		35.51	10	590.00	A
Orange		274.17	47	3,306.90	A
Peach		66.92	17	457.00	A
Pepper, Fruiting		33.43	23	654.00	A
Plum		20.44	4	253.00	A
Pomegranate		31.64	3	283.00	A
Potato		1.25	3	224.00	A
Prune		31.98	32	887.70	A
Pumpkin		59.80	21	1,160.00	A
Rice		138.85	21	1,419.30	A
Spinach		9.79	12	53.10	A
Squash, Winter		7.84	3	152.00	A
Strawberry		204.59	104	3,296.50	A
Sunflower		76.07	3	155.00	A
Tangelo		6.19	1	70.00	A
Tangerine		112.00	11	1,235.00	A
Tomato		852.29	35	3,621.00	A
Tomato, Processing		158.11	85	4,414.60	A
Walnut		382.73	117	6,489.29	A
Watermelon		33.16	8	387.50	A
Chemical Total		11,614.13	4,651		
TRINEXAPAC-ETHYL					
Bermudagrass		2.02		17.00	A
Landscape Maintenance		2,767.48			
		97.54	53	1,303.38	A
		0.63	10	641,000.00	S
Total Pounds On This Commodity	2,865.66				
N-Grnhs Flower		0.05	1	1.25	A
N-Grnhs Plants In Containers		0.04	1	62,229.00	S
N-Outdr Plants In Containers		0.17		3.00	A
Structural Pest Control		23.56			
Turf/Sod		379.97	35	1,832.37	A
		4.13	22	3,376,000.00	S
		0.66		474,000.00	U
Total Pounds On This Commodity	384.76				
Unknown		3.43	1	25.00	A
Chemical Total		3,279.67	123		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TRIS (HYDROXYMETHYL) NITROMETHANE					
N-Outdr Flower		11.10	2	1.85	A
Chemical Total		11.10	2		
TRISODIUM PHOSPHATE					
Alfalfa		27.17	78	3,288.48	A
Almond		257.26	101	6,746.90	A
Apple		166.21	106	2,279.88	A
Apricot		0.82	4	37.32	A
Bean, Dried		0.15	1	10.00	A
Cherry		345.81	225	4,206.05	A
Corn (Forage - Fodder)		8.32	25	1,032.00	A
Corn, Human Consumption		13.96	91	3,103.00	A
Cotton		0.88	2	107.96	A
Grape		4.35	23	314.90	A
Grape, Wine		23.55	12	437.00	A
Lettuce, Leaf		0.10	1	32.00	A
Melon		2.99	3	163.89	A
N-Outdr Plants In Containers		101.65	238	5,150.50	A
		2.14	3	78.00	U
Total Pounds On This Commodity	103.80				
N-Outdr Transplants		2.87	11	50.46	A
Nectarine		2.14	21	94.14	A
Olive		8.08	4	133.00	A
Orange		34.43	26	367.00	A
Peach		18.22	56	709.33	A
Pear		6.60	6	121.50	A
Plum		4.70	21	121.44	A
Pomegranate		0.61	1	20.00	A
Potato		2.69	27	508.92	A
Prune		1.94	1	40.00	A
Rice		4.64	13	447.80	A
Tomato		4.01	9	215.04	A
Tomato, Processing		9.61	29	928.75	A
Uncultivated Non-Ag		2.43	1	40.00	A
Walnut		91.52	82	2,185.67	A
Wheat		12.93	35	2,335.66	A
Chemical Total		1,162.80	1,256		
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
Alfalfa		2,524.41	647	37,741.55	A
Almond		28,628.78	896	99,917.73	A
Apple		141.40	22	1,005.33	A
Apricot		59.58	17	613.00	A
Arrugula		0.46	8	20.51	A
Artichoke, Globe		3.83	31	263.30	A
Asparagus		70.31	8	465.00	A
Avocado		37.83	61	631.00	A
Barley		5.85	6	333.00	A
Barley (Forage - Fodder)		15.89	1	62.50	A
Bean, Dried		78.97	16	516.60	A
Bean, Succulent		25.70	6	144.00	A
Bean, Unspecified		33.82	7	243.98	A
Beet		1.75	44	61.96	A
Blackberry		0.76	1	5.00	A
Blueberry		0.61	1	20.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Bok Choy	4.87	15	39.71	A
Broccoflower	0.19	1	5.20	A
Broccoli	1,498.58	1,102	15,079.81	A
Brussels Sprout	9.66	16	134.00	A
Cabbage	114.73	69	1,023.08	A
Cantaloupe	229.63	44	2,880.44	A
Carrot	43.99	35	1,573.61	A
Cauliflower	221.08	346	3,273.35	A
Celery	622.77	1,024	9,941.36	A
Cherry	758.49	127	3,055.02	A
Chinese Cabbage (Nappa)	22.94	18	57.82	A
Christmas Tree	0.08	1	1.00	A
Cilantro	1.29	1	2.00	A
Citrus	4.58	1	10.00	A
Corn (Forage - Fodder)	2,013.57	374	15,377.67	A
Corn, Grain	133.06	46	1,456.68	A
Corn, Human Consumption	2,191.68	523	16,771.10	A
Cotton	2,665.15	363	50,750.78	A
Date	1.46	1	15.00	A
Endive (Escarole)	7.49	71	260.87	A
Fennel	0.17	2	6.20	A
Forage Hay/Silage	14.66	5	216.00	A
Forest, Timberland	882.75	47	1,850.50	A
Garbanzo Bean	21.87	9	402.00	A
Garlic	96.15	39	868.30	A
Grain	4.89	2	75.00	A
Grape	1,078.49	82	5,848.43	A
Grape, Wine	2,463.34	440	16,654.69	A
Grapefruit	25.39	17	177.70	A
Kale	4.19	11	56.29	A
Kiwi	4.89	1	8.00	A
Landscape Maintenance	1,019.80			
Leek	13.69	20	81.50	A
Lemon	746.23	149	5,689.01	A
Lettuce, Head	993.90	1,655	24,979.21	A
Lettuce, Leaf	446.09	1,419	15,473.43	A
Melon	261.40	29	1,276.78	A
Mizuna	0.65	6	23.95	A
N-Grnhs Flower	19.15	302	320.06	A
N-Grnhs Plants In Containers	30.93	136	124.73	A
	5.68	89	1,862,495.00	S
Total Pounds On This Commodity 36.61				
N-Grnhs Transplants	0.03	3	0.54	A
N-Outdr Flower	115.74	263	744.31	A
	0.13	4	12,200.00	S
Total Pounds On This Commodity 115.87				
N-Outdr Plants In Containers	810.12	1,138	3,775.73	A
	10.16	10	866.50	U
	3.78	29	1,518,900.00	S
Total Pounds On This Commodity 824.07				
N-Outdr Transplants	202.92	28	413.00	A
Nectarine	1.03	5	16.25	A
Oat	89.40	19	752.00	A
Oat (Forage - Fodder)	49.57	35	924.50	A
Olive	53.03	12	260.00	A
Onion, Dry	576.78	195	12,394.47	A
Onion, Green	7.99	44	221.40	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Orange		4,359.99	590	19,790.38	A
Parsley		0.33	3	62.59	A
Pastureland		14.38	11	437.50	A
Peach		218.96	71	1,340.27	A
Pear		43.28	23	580.50	A
Peas		12.29	38	402.80	A
Pepper, Fruiting		85.57	32	1,417.10	A
Pepper, Spice		2.03	6	124.50	A
Pistachio		37,787.67	713	94,699.41	A
Plum		2.44	4	39.00	A
Pomegranate		7,061.13	249	37,505.03	A
Pomelo		2.25	2	10.00	A
Prune		58.56	20	370.00	A
Public Health		333.38			
Pumpkin		0.64	2	10.00	A
Radicchio		9.83	8	148.50	A
Radish		0.36	21	9.70	A
Rangeland		85.42	25	428.00	A
Raspberry		3.37	3	21.00	A
Regulatory Pest Control		2.99			
Rice		385.50	37	3,143.68	A
Rights Of Way		8,734.73			
		4.32	4	15.00	A
Total Pounds On This Commodity	8,739.05				
Ryegrass		6.11	1	20.00	A
Safflower		99.74	19	5,805.00	A
Soil Fumigation/Preplant		20.54	5	294.00	A
Sorghum (Forage - Fodder)		15.88	3	457.00	A
Soybean		57.53	9	127.00	A
Spinach		0.74	24	78.68	A
Squash		22.47	8	201.00	A
Squash, Summer		0.19	1	10.00	A
Squash, Winter		1.37	1	15.00	A
Strawberry		769.95	85	3,159.05	A
Structural Pest Control		13.13	5	92.00	A
		6.30			
Total Pounds On This Commodity	19.43				
Sudangrass		12.38	5	176.00	A
Sugarbeet		74.07	51	3,642.29	A
Sunflower		2.27	2	185.40	A
Swiss Chard		0.42	4	13.52	A
Tangelo		66.73	18	283.15	A
Tangerine		312.72	99	4,268.35	A
Tomato		1,318.77	189	8,398.09	A
Tomato, Processing		4,238.58	538	45,738.19	A
Triticale		4.59	1	75.00	A
Turf/Sod		326.04	17	223.15	A
Uncultivated Ag		750.00	161	25,108.95	A
Uncultivated Non-Ag		437.87	19	1,581.60	A
Unknown		386.39	86	1,903.85	A
Walnut		1,074.93	220	6,760.95	A
Water Area		0.57		8.60	A
		0.27		43,560.00	C
Total Pounds On This Commodity	0.84				
Watermelon		282.36	31	1,746.50	A
Wheat		590.00	90	5,532.28	A
Wheat (Forage - Fodder)		139.52	41	2,256.51	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		122,472.05	15,790		
UNICONIZOLE-P					
N-Grnhs Flower		0.03	26	139,363.00	S
		0.02	2	84,000.00	U
		< 0.01	19	5.91	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Plants In Containers		0.69	184	235.33	A
		0.18	243	1,087,561.00	S
Total Pounds On This Commodity	0.87				
N-Grnhs Transplants		0.17	113	776,320.00	S
		< 0.01	1	1,600.00	U
Total Pounds On This Commodity	0.17				
N-Outdr Flower		0.15	58	419,700.00	S
N-Outdr Plants In Containers		0.32	80	78.62	A
		0.06	104	808,921.00	S
Total Pounds On This Commodity	0.39				
N-Outdr Transplants		< 0.01	13	3.41	A
		< 0.01	3	1,800.00	S
		< 0.01	1	400.00	U
Total Pounds On This Commodity	0.01				
Rights Of Way		< 0.01	11	15.25	A
Chemical Total		< 0.01	858		
UREA					
Alfalfa		931.46	136	9,875.79	A
Almond		5,841.34	445	29,676.17	A
		16.59	3	111.59	U
Total Pounds On This Commodity	5,857.93				
Apple		2.57	2	10.00	A
Barley		1.03	1	40.00	A
Bean, Dried		3.34	1	26.00	A
Bean, Succulent		83.53	18	898.00	A
Broccoli		0.31	1	10.20	A
Cantaloupe		3.37	3	138.00	A
Cherry		4.77	4	30.50	A
Corn (Forage - Fodder)		131.14	34	1,959.30	A
Corn, Grain		14.50	16	411.99	A
Corn, Human Consumption		2.06	1	8.00	A
Cotton		110.10	49	3,924.50	A
Garlic		8.57	2	333.00	A
Grape		42.78	7	132.00	A
Grape, Wine		205.43	20	1,249.80	A
N-Outdr Plants In Containers		21.74	4	97.00	A
N-Outdr Transplants		3.35	1	13.00	A
Oat (Forage - Fodder)		16.09	1	35.00	A
Olive		66.67	7	97.12	A
Onion, Dry		18.51	4	360.00	A
Orange		146.59	43	670.50	A
Peach		5.91	1	23.00	A
Pistachio		81.68	10	555.50	A
Plum		0.72	2	24.00	A
Prune		209.17	55	1,285.79	A
Rights Of Way		142.59			
Soybean		5.78	3	45.00	A
Structural Pest Control		2.57			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Sunflower		38.55	2	57.00	A
Sweet Potato		6.43	1	50.00	A
Tomato, Processing		617.16	136	19,637.35	A
Uncultivated Ag		242.63	11	742.00	A
Uncultivated Non-Ag		52.54	9	104.00	A
Walnut		888.77	174	4,527.78	A
		10.37	5	55.00	U
Total Pounds On This Commodity	899.14				
Watermelon		1.84	1	4.00	A
Wheat		11.87	5	524.00	A
Wheat (Forage - Fodder)		1.21	1	47.00	A
Chemical Total		9,995.64	1,219		
UREA DIHYDROGEN SULFATE					
Alfalfa		117.20	29	1,255.90	A
Almond		730.32	135	6,930.00	A
Apple		29.81	2	12.00	A
Asparagus		10.53	3	105.00	A
Cherry		49.07	2	23.00	A
Corn, Grain		5.86	8	115.70	A
Cotton		224,560.23	1,012	93,869.08	A
Grape, Wine		3.01	2	16.00	A
Olive		19.59	10	339.00	A
Peach		13.27	8	150.00	A
Pear		5.87	2	78.10	A
Pepper, Fruiting		1.80	1	36.00	A
Plum		57.04	2	116.50	A
Rights Of Way		545.90			
Tomato, Processing		2.01	1	40.00	A
Uncultivated Ag		96.11	70	1,945.60	A
Walnut		17.22	6	178.00	A
Wheat		0.70	1	14.00	A
Chemical Total		226,265.54	1,294		
VANILLIN					
Lettuce, Leaf		0.23	4	41.10	A
Strawberry		0.25	1	60.00	A
Tomato, Processing		1.36	3	295.00	A
Walnut		0.02	3	2.25	A
Chemical Total		1.86	11		
VEGETABLE OIL					
Alfalfa		24,778.19	357	24,873.80	A
Almond		6,899.10	55	3,672.30	A
Bean, Dried		193.81	5	170.00	A
Bean, Succulent		1.30	2	0.80	A
Cabbage		11.56	2	23.00	A
Cantaloupe		315.41	19	771.19	A
Carrot		73.96	3	189.36	A
Celery		88.09	8	190.60	A
Corn (Forage - Fodder)		234.75	9	404.00	A
Corn, Human Consumption		151.14	1	85.00	A
Cotton		67,514.29	526	74,126.03	A
Garlic		888.27	6	999.00	A
Grape, Wine		16.16	1	10.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Lettuce, Leaf		22.49	1	12.77	A
Melon		238.84	33	746.51	A
Oat		22.58	3	39.80	A
Onion, Dry		551.21	1	155.00	A
Pepper, Fruiting		1.63	1	1.00	A
Pomegranate		45.66	1	137.00	A
Potato		7.11	1	7.80	A
Rice		256.77	3	316.00	A
Safflower		53,492.02	168	58,882.00	A
Strawberry		8.81	1	20.00	A
Tomato		138.18	4	154.00	A
Tomato, Processing		25,565.09	183	25,491.00	A
Turf/Sod		133.18	9	185.30	A
Uncultivated Ag		4,253.17	25	4,082.40	A
Walnut		64.01	1	36.00	A
Watermelon		346.21	3	331.90	A
Wheat		897.36	8	816.70	A
Chemical Total		187,210.37	1,440		
VINCLOZOLIN					
Landscape Maintenance		438.74			
N-Grnhs Flower		7.00	16	48.00	A
N-Grnhs Plants In Containers		1.48	14	474,960.00	S
		0.13	1	0.20	A
Total Pounds On This Commodity	1.61				
N-Grnhs Transplants		0.88	2	38,340.00	S
		0.45	9	0.90	A
Total Pounds On This Commodity	1.33				
N-Outdr Plants In Containers		2.06	4	8.50	A
N-Outdr Transplants		6.63	16	6.50	A
		5.48	14	231,295.00	S
Total Pounds On This Commodity	12.10				
Turf/Sod		5.40		4.00	A
Chemical Total		468.24	76		
VINYL POLYMER					
Alfalfa		184.47	377	21,577.35	A
Almond		216.20	314	25,558.56	A
Apple		8.47	35	464.29	A
Apricot		0.03	2	8.00	A
Asparagus		4.51	5	515.10	A
Barley		14.18	23	1,254.59	A
Bean, Dried		28.04	25	2,108.00	A
Bean, Unspecified		1.22	1	14.00	A
Blueberry		0.16	1	9.14	A
Broccoli		2.76	2	21.00	A
Cantaloupe		2.08	4	275.75	A
Carrot		0.25	1	75.00	A
Cauliflower		1.56	3	25.00	A
Celery		0.63	1	14.50	A
Cherry		17.42	76	1,092.14	A
Chestnut		0.16	3	36.00	A
Corn (Forage - Fodder)		133.08	275	17,354.68	A
Corn, Grain		61.17	327	8,559.92	A
Corn, Human Consumption		5.02	15	792.00	A
Cotton		256.02	412	31,429.23	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Cucumber		2.58	14	590.00	A
Forage Hay/Silage		6.62	19	976.60	A
Garbanzo Bean		8.93	5	432.00	A
Garlic		74.23	35	4,331.10	A
Grain		0.64	2	111.00	A
Grape		9.56	38	1,755.05	A
Grape, Wine		148.76	168	12,949.93	A
Kiwi		0.05	1	7.00	A
Landscape Maintenance		2.73			
		0.21	1	24.00	A
Total Pounds On This Commodity	2.94				
Lettuce, Head		0.80	1	10.60	A
Lettuce, Leaf		0.39	1	60.00	A
Melon		3.22	9	781.00	A
N-Outdr Plants In Containers		< 0.01	1	2.00	A
Nectarine		< 0.01	1	0.75	A
Oat		27.72	52	1,872.84	A
Oat (Forage - Fodder)		31.77	75	3,581.90	A
Olive		3.57	15	497.83	A
Onion, Dry		29.72	43	2,451.80	A
Pastureland		24.12	20	2,565.60	A
Peach		0.36	2	36.75	A
Pear		3.34	21	244.85	A
Pistachio		53.72	115	8,306.80	A
Plum		< 0.01	1	1.00	A
Prune		2.98	16	1,261.25	A
Pumpkin		< 0.01	1	0.50	A
Rangeland		0.09		120.00	A
Research Commodity		1.14	3	90.00	A
Rice		11.48	22	1,471.92	A
Rights Of Way		30.33			
Rye		0.21	2	67.00	A
Ryegrass		9.46	38	1,428.10	A
Safflower		4.94	20	1,059.30	A
Soil Fumigation/Preplant		24.39	68	5,665.35	A
Sorghum (Forage - Fodder)		2.76	12	667.50	A
Sorghum/Milo		0.26	1	29.20	A
Soybean		0.33	5	74.00	A
Strawberry		4.33	7	165.00	A
Sudangrass		1.17	5	166.00	A
Sunflower		10.74	29	1,678.90	A
Tomato		11.66	18	1,354.00	A
Tomato, Processing		187.47	278	22,610.50	A
Triticale		12.72	30	1,909.19	A
Turf/Sod		0.30	1	23.00	A
Uncultivated Ag		235.13	294	11,491.92	A
Uncultivated Non-Ag		3.18	6	370.00	A
Walnut		28.07	105	3,066.58	A
Water (Industrlial)		0.07	1	5.00	A
Watermelon		1.32	6	118.75	A
Wheat		541.69	632	44,460.39	A
Wheat (Forage - Fodder)		62.25	268	16,243.25	A
Chemical Total		2,558.93	4,410		
WARFARIN					
Almond		< 0.01	2	40.15	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Avocado		< 0.01	2	27.00	A
Celery		< 0.01	1	15.40	A
Dill		< 0.01	1	1.00	A
Grape, Wine		< 0.01	21	22.55	A
Kale		< 0.01	3	13.67	A
Kohlrabi		< 0.01	1	1.00	A
Kumquat		< 0.01	1	12.00	A
Landscape Maintenance		0.05			
		< 0.01	3	150.00	A
Total Pounds On This Commodity	0.06				
Lemon		< 0.01	1	10.00	A
Lime		< 0.01	1	16.00	A
Mint		< 0.01	1	2.00	A
N-Outdr Flower		0.04	4	42.00	A
Pastureland		< 0.01	1	1.00	A
Rights Of Way		0.11			
Structural Pest Control		0.18			
Turf/Sod		0.01	1	10.00	A
Unknown		< 0.01	1	0.87	A
Vertebrate Control		< 0.01			
Walnut		< 0.01	1	0.25	A
Chemical Total		< 0.01	46		
WARFARIN, SODIUM SALT					
Structural Pest Control		< 0.01			
Chemical Total		< 0.01			
XYLENE					
Alfalfa		4.60	1	50.00	A
Carrot		15.55	1	23.30	A
Celery		1.37	1	16.00	A
Collard		0.71	2	32.92	A
Grape		9.25	2	40.00	A
Grape, Wine		3.04	1	20.00	A
Kale		0.25	1	2.94	A
Landscape Maintenance		1.97			
Lemon		1.74	1	10.00	A
Lettuce, Head		13.82	3	43.70	A
Lettuce, Leaf		0.96	1	7.70	A
N-Grnhs Flower		0.14	1	0.25	A
N-Grnhs Plants In Containers		0.32	1	1.00	A
N-Outdr Flower		2.38	2	10.00	A
N-Outdr Plants In Containers		4.42	3	11.00	A
		0.14	1	1,000.00	S
Total Pounds On This Commodity	4.56				
Oat		7.23	1	45.00	A
Orange		7.50	1	35.00	A
Plum		6.46	1	6.00	A
Prune		140.28	1	94.50	A
Spinach		0.27	1	2.00	A
Squash		6.21	3	1.50	A
Strawberry		72.67	14	426.15	A
Structural Pest Control		0.99	1	18.00	A
		0.26			
Total Pounds On This Commodity	1.25				
Swiss Chard		1.05	2	9.80	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Tomato		81.84	11	245.00	A
Tomato, Processing		61.40	10	177.00	A
Turnip		0.63	1	4.59	A
Walnut		69.81	2	54.00	A
Chemical Total		517.26	71		
XYLENE RANGE AROMATIC SOLVENT					
Bean, Dried		3.37	2	30.80	A
Collard		13.12	3	32.03	A
Kale		0.95	1	2.33	A
Landscape Maintenance		0.73	1	36.50	A
Lettuce, Leaf		20.28	2	7.50	A
N-Grnhs Plants In Containers		2.65	1	100,000.00	S
		0.11	8	8.00	U
Total Pounds On This Commodity	2.76				
N-Outdr Plants In Containers		4.10	2	5.00	A
		0.10	1	5,000.00	S
Total Pounds On This Commodity	4.20				
N-Outdr Transplants		0.15	1	900.00	U
Onion, Dry		34.55	3	326.00	A
Spinach		9.84	1	3.00	A
Strawberry		51.17	2	105.00	A
Structural Pest Control		1.81			
Walnut		12.70	2	29.00	A
Chemical Total		155.64	30		
2,4-XYLENOL					
Grape, Wine		0.07	5	27.71	A
N-Outdr Plants In Containers		0.05	8	39.00	A
Walnut		0.10	1	40.00	A
Chemical Total		0.22	14		
YEAST					
Apricot		318.43	14	1,454.00	A
Lemon		0.04	1	18.00	A
Peach		469.97	19	2,146.00	A
Sweet Potato		137.97	5	315.00	A
Walnut		0.01	1	24.00	A
Chemical Total		926.42	40		
YUCCA SCHIDIGERA					
Bean, Dried		6.17	1	48.00	A
Carrot		1.32	2	40.00	A
Celery		25.24	13	132.90	A
Chicory		1.34	3	14.00	A
Grape		5.97	3	72.43	A
Grape, Wine		32.86	24	140.51	A
Prune		72.17	6	150.00	A
Chemical Total		145.06	52		
ZINC CHLORIDE					
Landscape Maintenance		61.19			
Orange		985.59	16	178.80	A
Tangelo		76.82	1	5.60	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total		1,123.60	17		
ZINC NAPHTHENATE					
N-Grnhs Transplants		0.41	2	2.00	A
Structural Pest Control		5.79			
Chemical Total		6.20	2		
ZINC PHOSPHIDE					
Alfalfa		410.14	63	2,713.70	A
Almond		59.36	40	1,388.00	A
Animal Premise		0.06		4.00	U
Apple		7.28	9	644.40	A
Artichoke, Globe		19,690.65	23	688.70	A
Avocado		0.66	3	220.50	A
Blueberry		2.00	1	100.00	A
Brussels Sprout		0.48		32.00	A
Cherry		5.12	31	1,033.00	A
Christmas Tree		2.00		10.00	A
Forage Hay/Silage		13.40	4	111.00	A
Grape		5.40	2	440.00	A
Grape, Wine		32.21	17	942.82	A
Grapefruit		19.32	90	182.93	A
Kiwi		0.04	1	2.00	A
Landscape Maintenance		157.81			
N-Outdr Plants In Containers		4.12	2	2.00	A
N-Outdr Transplants		0.16	1	1.36	A
Oat		1.00	1	140.00	A
Oat (Forage - Fodder)		0.32	1	12.80	A
Olive		35.00	5	325.00	A
Peach		0.10	1	0.50	A
Pear		10.50	4	190.00	A
Pistachio		6.40	1	27.00	A
Poultry		0.06		12.00	U
Prune		1.64	5	41.09	A
Rangeland		45.60	9	2,345.00	A
Research Commodity		0.20	2	4.00	A
Residential		0.24	1	2.00	A
Rights Of Way		116.23			
		0.20	1	13.00	A
Total Pounds On This Commodity	116.43				
Soil Fumigation/Preplant		31.44	16	786.00	A
Structural Pest Control		43.62			
Uncultivated Ag		7.24	3	105.00	A
Uncultivated Non-Ag		2.40	2	26.85	A
Unknown		1.30		62.00	U
Vertebrate Control		128.06			
		12.01	2	215.00	A
Total Pounds On This Commodity	140.07				
Walnut		38.83	41	1,756.50	A
		0.10	1	5.00	U
Total Pounds On This Commodity	38.93				
Chemical Total		20,892.69	383		
ZINC SULFATE					
Alfalfa		1,051.36	850	51,781.23	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Almond		4,756.76	720	64,166.70	A
Apple		0.47	3	8.50	A
Asparagus		119.47	11	1,268.40	A
Barley		3.86	8	305.00	A
Bean, Dried		21.80	33	1,432.00	A
Blueberry		36.44	7	603.00	A
Cantaloupe		29.34	32	1,904.20	A
Carrot		0.22	1	35.00	A
Cherry		60.21	29	695.06	A
Corn (Forage - Fodder)		624.47	265	13,381.18	A
Corn, Human Consumption		221.03	97	8,719.91	A
Cotton		502.46	420	43,601.70	A
Garlic		13.10	6	829.30	A
Grape		792.29	278	12,527.43	A
Grape, Wine		198.03	72	3,733.29	A
Grapefruit		1.02	1	5.00	A
Kiwi		1.44	1	20.00	A
Landscape Maintenance		0.05			
Lettuce, Head		97.06	120	3,694.65	A
Lettuce, Leaf		0.34	5	24.75	A
Melon		26.17	40	1,489.00	A
N-Grnhs Flower		0.05	2	3.00	A
N-Grnhs Plants In Containers		0.91	60	75.44	A
N-Outdr Flower		0.03	2	8.00	A
N-Outdr Plants In Containers		8.55	72	165.85	A
		< 0.01	1	7,200.00	S
Total Pounds On This Commodity	8.55				
Nectarine		50.09	277	1,285.38	A
Oat (Forage - Fodder)		1.40	1	33.00	A
Olive		3.67	3	257.20	A
Onion, Dry		9.75	10	722.00	A
Onion, Green		2.38	2	252.00	A
Orange		44.72	23	292.99	A
Parsley		1.05	1	7.00	A
Peach		80.30	264	1,460.76	A
Pepper, Fruiting		2.81	15	553.00	A
Pistachio		1,491.94	158	21,071.34	A
Plum		29.80	171	790.27	A
Pomegranate		0.54	4	26.50	A
Potato		37.87	9	664.00	A
Regulatory Pest Control		10.50			
		1.06		3,000.00	A
Total Pounds On This Commodity	11.57				
Rice		44.85	17	850.00	A
Rights Of Way		1.15			
Safflower		60.12	28	7,961.30	A
Soil Fumigation/Preplant		0.78	3	76.80	A
Sorghum (Forage - Fodder)		3.72	3	410.00	A
Sorghum/Milo		4.07	6	326.40	A
Strawberry		1.96	4	145.20	A
Sugarbeet		4.72	5	372.89	A
Sweet Potato		0.94	1	80.00	A
Tangelo		2.76	3	27.00	A
Tangerine		29.09	40	738.29	A
Tomato		1.69	3	192.00	A
Tomato, Processing		119.99	90	10,337.70	A
Triticale		3.93	7	719.00	A

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Uncultivated Ag		17.05	11	3,338.00	A
Walnut		166.86	56	1,774.30	A
Wheat		15.70	20	1,912.87	A
Wheat (Forage - Fodder)		35.43	27	3,364.71	A
Chemical Total		10,849.61	4,398		
ZIRAM					
Almond		264,712.66	841	51,159.32	A
		0.86	1	15.00	U
Total Pounds On This Commodity	< 0.01				
Apple		2,642.03	101	1,627.48	A
Apricot		8,543.88	118	1,971.69	A
Celery		1.89	1	26.50	A
Cherry		888.82	20	279.75	A
Christmas Tree		2.28	1	1.00	A
Grape		18,358.97	304	9,107.90	A
Grape, Wine		658.65	22	555.16	A
Landscape Maintenance		25.13			
N-Grnhs Plants In Containers		17.50	6	6.50	A
N-Outdr Plants In Containers		1,029.80	29	160.84	A
N-Outdr Transplants		176.34	10	31.60	A
Nectarine		58,347.71	718	9,443.47	A
Peach		159,432.28	1,490	27,039.45	A
		0.67	1	12.00	U
Total Pounds On This Commodity	159,432.95				
Pear		19,783.22	171	4,679.40	A
Plum		439.89	5	65.10	A
Prune		177.84	2	171.00	A
Rights Of Way		30.40			
Stone Fruit		56.24	2	12.00	A
Structural Pest Control		3,119.04	19	720.20	A
Chemical Total		538,446.09	3,862		
UNKNOWN					
Alfalfa			8	514.00	A
Almond			2	203.00	A
Grape, Wine			12	231.72	A
Landscape Maintenance					
Lettuce, Head			2	19.50	A
N-Grnhs Plants In Containers			7	293,951.00	S
			7	5.75	A
Total Pounds On This Commodity	< 0.01				
N-Grnhs Transplants			1	92.00	S
N-Outdr Plants In Containers			36	13,085.00	S
			11	10.12	A
Total Pounds On This Commodity	< 0.01				
Public Health					
Rights Of Way					
Structural Pest Control					
Tomato			1	156.00	A
Tomato, Processing			2	70.00	A
Turf/Sod			1	12.00	A
Unknown					
Walnut			3	26.00	A
Wheat			7	409.00	A

Department of Pesticide Regulation
2009 Annual Statewide Pesticide Use Report
Indexed by Chemical

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	< 0.01	100		
Statewide Total	155,869,703.00	2,066,581		