

# **2004 STATUS REPORT PESTICIDE CONTAMINATION PREVENTION ACT**

A Report to the Legislature,  
the Office of Environmental Health  
Hazard Assessment, and  
the State Water Resources Control Board



California Environmental Protection Agency  
DEPARTMENT OF PESTICIDE REGULATION

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EH04-02

# **California Department of Pesticide Regulation**

**Arnold Schwarzenegger, Governor**  
State of California

**Alan Lloyd, Secretary**  
California Environmental Protection Agency

**Mary-Ann Warmerdam, Director**  
Department of Pesticide Regulation

**2004 Status Report  
Pesticide Contamination  
Prevention Act**

**Murray Clayton  
Environmental Research Scientist**

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California Environmental Protection Agency  
Department of Pesticide Regulation  
Environmental Monitoring Branch  
Environmental Hazards Assessment Program  
P.O. Box 4015  
Sacramento, California 95812-4015  
(916) 324-4100

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## **EXECUTIVE SUMMARY**

### **PURPOSE**

The provisions of Food and Agricultural Code (FAC) section 13144(b) require the Department of Pesticide Regulation (DPR) to annually report to the Legislature, the Office of Environmental Health Hazard Assessment, and the State Water Resources Control Board, information regarding the status of the ground water protection data call-in of pesticidal active ingredients registered for agricultural use, the pesticide active ingredients with data exceeding specific numerical values (SNVs), and sales and use information. The ground water protection data for each active ingredient include information on certain physical and chemical properties and environmental fate. Active ingredients with properties that exceed the SNVs established by DPR are considered to have the potential to contaminate ground water. Active ingredients exceeding the SNV criteria are listed with the information on the reported sale and use in California.

### **BACKGROUND**

The Pesticide Contamination Prevention Act (PCPA) of 1985 established a set of data requirements for identifying and tracking potential and actual ground water contaminants. The PCPA directed DPR to establish SNVs and compare the data as a basis to estimate their relative risk to ground water and to undertake a process to determine whether they have contaminated ground water. The PCPA establishes procedures for reviewing chemicals found in ground water or in soil as a result of legal agricultural use and for modifying or canceling use of such chemicals.

Under the data call-in provisions of the PCPA, California registrants of agricultural use pesticides must provide DPR with data on physical and chemical properties and environmental fate of the active ingredients in their products. Based on this information, DPR identified active ingredients with data that meet or exceed the SNVs for water solubility, soil adsorption, hydrolysis half-life, aerobic soil metabolism half-life, and anaerobic soil metabolism half-life. Since the enactment of the PCPA, the ability to establish an SNV for field dissipation could not be scientifically determined.

Active ingredients that meet or exceed criteria for SNVs and are labeled for agricultural use are placed on the Ground Water Protection List (GWPL) found in Title 3 of the California Code of Regulations. The GWPL consists of two sublists. One sublist [6800(b)] consists of chemicals that meet the conditions specified in FAC section 13145(d). These chemicals must also have pesticide product labels that allow application by chemigation or by application to or injection into the soil or that the application be followed by flood or furrow irrigation within 72 hours. This list is used to determine the pesticides to sample for their presence in ground water. The second sublist [6800(a)] consists of chemicals that have been detected in ground water or soil in California pursuant to FAC section 13149. DPR takes immediate regulatory measures for these chemicals under the PCPA.

## **REPORT SUMMARY**

This report complies with the requirements of FAC section 13144(b). A total of 524 active ingredients were identified in 1986 as being registered for agricultural use. However, 377 compounds are not subject to the data call-in for one or more of the following reasons: they are used indoors; they are used in ways that would not result in contact with the soil; they are applied in amounts below limits of detection; they occur naturally in soil; or they are no longer registered for agricultural use in California. Acceptable data is on file with DPR for the remaining 147 pesticidal active ingredients subject to the data call-in.

The report also identifies three additional active ingredients that met or exceeded the SNVs and are registered for use in California. These chemicals join the listing of the 138 active ingredients meeting or exceeding the SNVs that were previously registered for use in California. The mean physicochemical properties relating to the SNVs are also given in the report. Information comprising of California sales of these active ingredients, a description of their use, and countywide applications are also specified.

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## **REPORT REQUIREMENTS PURSUANT TO THE PESTICIDE CONTAMINATION PREVENTION ACT**

The Pesticide Contamination Prevention Act of 1985 requires that the Department of Pesticide Regulation (DPR) provide the following information for each economic poison registered for agricultural use. The information is provided to the Legislature, the Office of Environmental Health Hazard Assessment, and the State Water Resources Control Board.

1. A list of each active ingredient, other specified ingredient, or degradation product of an active ingredient of an economic poison for which there is a ground water protection data gap.
  
2. A list of each economic poison that contains an active ingredient, other specified ingredient, or degradation product of an active ingredient that is greater than one or more of the numerical values established pursuant to the Act or is less than the numerical value in the case of the soil adsorption coefficient in both of the following categories:
  - (a) Water solubility or soil adsorption coefficient ( $K_{oc}$ ); and
  - (b) Hydrolysis, aerobic soil metabolism, anaerobic soil metabolism, or field dissipation.
  
3. Provide for each economic poison listed pursuant to number 2 (if information is available), the amount sold in California during the most recent year (for which sales information is available), and where and for what purpose the economic poison was used.

The information is presented in two sections: 1) "Status of the Ground Water Protection Data Call-in", 2) "Report on Economic Poisons Exceeding Specific Numerical Values Pursuant to the Pesticide Contamination Prevention Act", which lists the properties of pesticides associated with leaching potential and the specific numerical values established by DPR.

## STATUS OF THE GROUND WATER PROTECTION DATA CALL-IN

A.	Total active ingredients for possible data call-in: (This list was established in 1986.)	524
	Active ingredients not subject to the data call-in:	
	Active ingredients no longer registered:	152
	Active ingredients on which data are not required at this time <sup>1</sup> :	225
		<u>377</u>
	The number of active ingredients subject to the data call-in:	147
B.	Status of the active ingredients subject to the data call-in.	
	Adequate studies on file:	147
		<u>    </u>
	Inadequate or pending studies:	0

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<sup>1</sup>Products are not registered for agriculture use, or are registered for uses for which data are not currently required such as indoor use or animal ear tags.



## ACTIVE INGREDIENTS EXCEEDING THE SPECIFIC NUMERICAL VALUES

This report evaluates the potential of pesticide active ingredients to leach to ground water. Section 13144 (a) of the Pesticide Contamination Prevention Act of 1985 (PCPA, Stats. 1985, Ch. 1298, section 1) requires the Department of Pesticide Regulation (DPR) to establish thresholds known as specific numerical values (SNVs) for six physicochemical characteristics of environmental fate: water solubility, soil adsorption coefficient ( $K_{oc}$ ), hydrolysis half-life, aerobic and anaerobic soil metabolism half-lives, and field dissipation half-life. These parameters are presumed by the PCPA to correlate with the potential of a pesticide to leach to ground water. Water solubility and  $K_{oc}$  are considered indicators of the mobility of an active ingredient within the soil, while the half-lives for hydrolysis, aerobic and anaerobic soil metabolism and field dissipation are considered indicators of the persistence of the chemical in the soil.

Statistical comparison procedures were used to calculate the SNVs. Based on nationwide ground water studies, a list of pesticide active ingredients was created and separated into two groups: 1) chemicals that had been detected in ground water as a result of legal agricultural use (leachers), and 2) chemicals that had been sampled for and not found in ground water as a result of legal agricultural use (non-leachers). Estimates of the physicochemical parameter values for the chemicals in each group were determined from data available in the open literature and from DPR-approved studies submitted by pesticide registrants in fulfillment of the data call-in requirements in PCPA section 13143. The data for each of the parameter values were tested for their usefulness in discriminating between leachers and non-leachers by determining whether the means of the two groups were significantly different. The tests showed that the means of the data for water solubility, hydrolysis half-life,  $K_{oc}$ , and the anaerobic soil metabolism half-life for chemicals identified as leachers were significantly different from the means of chemicals identified as non-leachers. The SNVs for these properties were established as those values that would identify as leachers 90 percent of the chemicals found in ground water due to agricultural use (Wilkerson and Kim, 1986). The means of the two groups for aerobic soil metabolism, however, were not significantly different. Because the PCPA requires DPR to establish an SNV for each physicochemical property, the SNV for the aerobic soil metabolism half-life was set at a value that minimized its importance in the discrimination procedure. The SNVs established by DPR are reevaluated periodically to incorporate new data into the calculations. Details on revisions to the SNVs can be found in subsequent reports

(Johnson, 1991; Johnson, 1989; Johnson, 1988). The SNVs currently in regulation (Titles 3 and 26, California Code of Regulations, section 6804) are:

(a)	Water solubility	3 ppm
(b)	Soil adsorption coefficient ( $K_{oc}$ )	1900 $\text{cm}^3/\text{g}$
(c)	Hydrolysis half-life	14 days
(d)	Aerobic soil metabolism half-life	610 days
(e)	Anaerobic soil metabolism half-life	9 days

The SNV for field dissipation half-life has not yet been established. The SNVs are required by PCPA section 13144 to be at least equal to those established by the United States Environmental Protection Agency (USEPA). To date, the USEPA has not established any SNVs.

Pursuant to PCPA section 13144(b), pesticide active ingredients are tested against the SNVs and are placed on a list of candidates as potential leachers if both the mobility and persistence parameter values exceed (or are less than in the case of the  $K_{oc}$ ) the SNV for water solubility or  $K_{oc}$  and the SNV for the hydrolysis or aerobic soil metabolism or anaerobic soil metabolism or field dissipation half-life. If a potential leacher has a pesticide label that requires or recommends the application method to be by injection into the soil or by chemigation or that application is to be followed by flood or furrow irrigation within 72 hours, then the chemical is placed on the Groundwater Protection List [FAC section 6800 (b)]. Table 1 is a list of candidate potential leachers that are contained in currently registered economic poisons specifying their respective mean physicochemical parameter values.

There are three active ingredients categorized as potential leachers that are new to the 2004 list:

bifenazate  
emamectin benzoate  
pyraclostrobin

Bifenazate is a miticide, emamectrin benzoate an insecticide, and pyraclostrobin a fungicide.

The following active ingredients exceeded the SNVs, but because they are not used in economic poisons currently registered for use in California (registration status as of September 1, 2004), they have not been included in Table 1:

2,4-D, alkanolamine salts (ethanol and isopropanol amines)  
2,4-D, butyl ester  
2,4-D, diethylamine salt  
2,4-D, n-oleyl-1,3-propylenediamine salt  
2,4-D, octyl ester  
2,4-D, propylene glycol butyl ether ester  
2,4-D, triethylamine salt  
ametryne  
amitrole  
anilazine  
azafenidin  
bromoxynil butyrate  
clothianidin  
cyanazine  
dicamba, diethanolamine salt  
dichlorprop-p  
dicrotophos  
diethatyl-ethyl  
dinotefuran\*  
diphenamid  
dodecyl ammonium methanearsonate  
dodemorph acetate  
dsma  
endothall, disodium salt  
fensulfothion  
fenthion  
flonicamid\*  
fluazifop-butyl  
fluometuron

flurprimidol  
fonofos  
foramsulfuron\*  
glyphosate-trimesium  
halofenozide  
hymexazol  
imazapyr  
iodomethane  
isazophos  
mcpp, diethanolamine salt  
metolachlor  
metsulfuron-methyl  
mevinphos  
milbemectin\*  
naptalam, sodium salt  
octylammonium methanearsonate  
orthosulfamuron\*  
parathion  
pebulate  
phosalone  
phosphamidon  
picloram, potassium salt  
propamocarb hydrochloride\*  
pyridate  
sulprofos  
terbacil  
terbutryn  
thifensulfuron-methyl  
tralkoxydim  
triallate  
triticonazole  
vernolate  
zoxamide

\* New to list this year, but not registered for use in California

PCPA section 13144(b) also requires DPR to provide, for each active ingredient in Table 1, a list of the amount sold in California, and a list of where and for what purpose the economic poison was used. The 2003 pesticide sales data are shown in Table 2. Information on the active ingredients and their modes of action can be found in Table 3. The 2003 Pesticide Use Reporting, the most recent and complete set of data available, are found in Table 4.

Table 1. Active ingredients exceeding the specific numerical values (SNVs) and their respective mean physicochemical property values (2004 Report).

Active ingredient	Solubility	K <sub>oc</sub>	Aerobic	Anaerobic	Hydrolysis
	(ppm) SNV > 3	(cm <sup>3</sup> /g) SNV < 1,900	metabolism (days) SNV > 610	metabolism (days) SNV > 9	(days) SNV > 14
2,4-D	27600	46	34	333	39 <sup>a</sup>
2,4-D, 2-ethylhexyl	0	46	34	333	1
2,4-D, butoxyethanol	NA <sup>b</sup>	46	34	333	1
2,4-D, diethanolamin	657000	46	34	333	39 <sup>a</sup>
2,4-D, dimethylamine	657000	46	34	333	39 <sup>a</sup>
2,4-D, isooctyl ester	NA	46	34	333	1
4(2,4-DB), dimethylamine salt	742000	191	25	269	35
Acephate	818000	3	3	6	169
Acetamiprid	3660	343	10	330	35 <sup>a</sup>
Acibenzolar-s-methyl	8	1100	4	50	76
Alachlor	200	131	20	5	30 <sup>a</sup>
Aldicarb	5870	239	2	2	28 <sup>a</sup>
Atrazine	33	93	146	159	30 <sup>a</sup>
Azinphos-methyl	28	882	44	68	19
Azoxystrobin	6	581	112	119	31 <sup>a</sup>
Bensulfuron methyl	281	332	75	168	103
Bensulide	6	16600	432	1890	220
Bentazon, sodium salt	530	116	40	365	30 <sup>a</sup>
Bifenazate <sup>c</sup>	4	4060	1	78	1
Bromacil	929	17	347	73	30 <sup>a</sup>
Butylate	44	397	70	64	533
Cacodylic acid	2570000	2660	NA	365	35 <sup>a</sup>
Calcium acid methane	1040000	1680	269	NA	35
Carbaryl	116	326	6	87	12
Carbofuran	351	NA	22	20	18
Chloropicrin	2000	25	3	NA	191 <sup>a</sup>
Chlorothalonil	1	1790	35	8	49 <sup>a</sup>
Chlorsulfuron	28300	35	28	162	1230
Clethodim	6630	116	3	191	30 <sup>a</sup>
Clomazone	1100	244	66	19	34 <sup>a</sup>
Clopyralid	106000	5	152	365	30 <sup>a</sup>
Cycloate	95	12900	43	109	30 <sup>a</sup>

Active ingredient	Solubility	K <sub>oc</sub>	Aerobic	Anaerobic	Hydrolysis
	(ppm) SNV > 3	(cm <sup>3</sup> /g) SNV < 1,900	metabolism (days) SNV > 610	metabolism (days) SNV > 9	(days) SNV > 14
Cyprodinil	16	1470	126	183	32 <sup>a</sup>
Cyromazine	13600	756	63	97	28 <sup>a</sup>
Dazomet	3630	NA	1	14	0
Diazinon	60	1580	40	16	138
Dicamba	27200	5	10	88	30 <sup>a</sup>
Dicamba, dimethylamine salt	NA	5	10	88	30 <sup>a</sup>
Dichlobenil	21	0	NA	NA	1810
Dicloran	6	804	549	66	72 <sup>a</sup>
Difenzoquat methyl salt	817000	74100	1600	6810	NA
Diflufenzopyr, sodium salt	4200	292	55	164	NA
Dimethipin	4600	11	NA	1280	60 <sup>a</sup>
Dimethoate	39800	11	2	22	68
Dimethomorph	12	1360	NA	26	NA
Diquat dibromide	677000	353000	3450	1060	30 <sup>a</sup>
Disulfoton	12	522	9	NA	177
Dithiopyr	1	1040	871	21700	NA
Diuron	36	499	372	995	1290
Dodine	1040	2570000	7	365	914
Emamectin benzoate <sup>c</sup>	101	283000	211	427	42 <sup>a</sup>
Endothall, dipotassium salt	NA	750	9	8	36 <sup>a</sup>
Eptc	345	170	42	65	30 <sup>a</sup>
Ethofumesate	50	150	93	NA	2900
Ethoprop	843	161	34	130	449
Fenamiphos	482	341	24	88	301
Fenarimol	15	757	1100	1620	28
Fenhexamid	150	853	1	97	30 <sup>a</sup>
Fenoxycarb	6	1540	85	136	3140
Fipronil	22	749	366	123	30 <sup>a</sup>
Fludioxonil	2	1610	102	365	30 <sup>a</sup>
Flutolanil	NA	905	NA	NA	30 <sup>a</sup>
Formetanate hydrochloride	822000	371	8	15	1
Fosetyl-al	136000	325	0	2	30 <sup>a</sup>
Glufosinate-ammonium	NA	785	20	NA	30 <sup>a</sup>
Glyphosate, isopropyl	11600	6920	96	22	35 <sup>a</sup>

<b>Active ingredient</b>	<b>Solubility (ppm) SNV &gt; 3</b>	<b>K<sub>oc</sub> (cm<sup>3</sup>/g) SNV &lt; 1,900</b>	<b>Aerobic metabolism (days) SNV &gt; 610</b>	<b>Anaerobic metabolism (days) SNV &gt; 9</b>	<b>Hydrolysis (days) SNV &gt; 14</b>
Halosulfuron	1650	124	51	23	14
Hexazinone	29800	640	222	232	56 <sup>a</sup>
Imazamox, ammonium salt	4410	58	134	213	30 <sup>a</sup>
Imazethapyr	351	54	2410	568	NA
Imidacloprid	514	262	997	27	30 <sup>a</sup>
Iprodione	12	NA	64	32	5
Isoxaben	2	351	205	NA	1270
Kresoxim-methyl	2	437	2	1	34
Linuron	77	341	22	102	262
Malathion	125	291	3	30	6
Mcpa, dimethylamine salt	1470000	34	24	1870	30 <sup>a</sup>
Mcpp	734	26	13	541	31
Mcpp, dimethylamine	1060000	26	13	541	31
Mcpp, potassium salt	1060000	26	13	541	31
Mecoprop-p	869	119	20	NA	30 <sup>a</sup>
Mepiquat chloride	500000	NA	40	359	NA
Metalaxyl	8410	163	62	68	1000
Metaldehyde	190	35	67	223	6150
Methamidophos	1200000	8	1	NA	21
Methidathion	221	341	3	NA	26
Methiocarb	27	655	64	64	24
Methomyl	54700	43	46	1	30 <sup>a</sup>
Methoxyfenozide	3	501	680	654	30 <sup>a</sup>
Methyl isothiocyanate	8230	NA	NA	NA	20
Methyl parathion	70	476	12	1	45
Metiram	NA	913	1	15	1070
Metribuzin	1030	106	140	276	4760
Molinate	970	199	NA	105	1560
Msma	1040000	1680	269	NA	35 <sup>a</sup>
Napropamide	74	726	455	51	35 <sup>a</sup>
Nicosulfuron	18500	37	26	63	30 <sup>a</sup>
Nitrapyrin	72	333	30	59	8
Norflurazon	34	617	172	348	2650
Oryzalin	3	848	63	10	28 <sup>a</sup>



Active ingredient	Solubility	K <sub>oc</sub>	Aerobic	Anaerobic	Hydrolysis
	(ppm) SNV > 3	(cm <sup>3</sup> /g) SNV < 1,900	metabolism (days) SNV > 610	metabolism (days) SNV > 9	(days) SNV > 14
Oxydemeton-methyl	NA	30	6	4	40
Paraquat dichloride	626000	NA	620	644	30 <sup>a</sup>
Phenmedipham	6	NA	54	47	1
Phorate	29	657	3	14	3
Phosmet	20	5810	7	27	0
Piperalin	20	23600	NA	NA	16
Piperonyl butoxide	14	1810	79	927	251
Profenofos	28	2010	2	3	43
Prohexadione calcium	179	570	NA	NA	65
Prometon	718	124	459	61	1130
Prometryn	33	277	274	316	28 <sup>a</sup>
Propanil	152	518	2	3	5000
Propiconazole	100	656	72	211	NA
Propyzamide	13	889	392	762	42 <sup>a</sup>
Pymetrozine	290	1100	491	91	30 <sup>a</sup>
Pyraclostrobin <sup>c</sup>	20	9300	136	3	30 <sup>a</sup>
Pyrazon	380	13800	124	489	NA
Pyrithiobac-sodium	NA	14	60	128	35 <sup>a</sup>
Quinclorac	72	37	211	364	30 <sup>a</sup>
Rimsulfuron	3750	49	21	18	7
(S)-metolachlor	480	185	38	61	200
Sethoxydim	6950	47	7	25	47
Siduron	22	201	895	3770	30 <sup>a</sup>
Simazine	6	340	110	71	28 <sup>a</sup>
Sulfometuron methyl	4250	89	52	116	30 <sup>a</sup>
Tebuconazole	NA	1000	597	1260	28 <sup>a</sup>
Tebufenozide	1	605	405	179	30 <sup>a</sup>
Tebuthiuron	2600	90	1220	1520	395 <sup>a</sup>
Terrazole	105	107	19	1	92
Thiamethoxam	4100	64	229	NA	6080
Thiazopyr	2	204	274	338	30 <sup>a</sup>
Thiobencarb	28	530	37	306	160 <sup>a</sup>
Thiophanate-methyl	25	225	1	2	41
Triadimefon	64	365	6	23	1760

Active ingredient	Solubility (ppm)	K <sub>oc</sub> (cm <sup>3</sup> /g)	Aerobic metabolism (days)	Anaerobic metabolism (days)	Hydrolysis (days)
	SNV > 3	SNV < 1,900	SNV > 610	SNV > 9	SNV > 14
Triclopyr, butoxyethyl ester	7	62	13	27	7
Triclopyr, triethylamine salt	NA	62	13	1600	NA
Triflumizole	18	1240	23	67	116
Triflusulfuron-methy	2820	61	89	23	32 <sup>a</sup>
Trinexapac-ethyl	11400	440	0	13	456
Uniconazole-p	8	NA	332	NA	30 <sup>a</sup>
Vinclozolin	3	260	28	15	1

<sup>a</sup>No hydrolysis occurred during the study. The hydrolysis half-life is greater than the value listed, which is the length of the study.

<sup>b</sup>Not available.

<sup>c</sup>New active ingredient in the 2004 PCPA Status Report; these active ingredients were not listed in the 2003 report.

Table 2. Sales during 2003 of active ingredients that have exceeded the specific numerical values (2004 Report).

<b>Active ingredient</b>	<b>Pounds Sold<sup>a</sup></b>
2,4-D	259,915
2,4-D, 2-ethylhexyl ester	39,425
2,4-D, butoxyethanol ester	780
2,4-D, diethanolamine salt	15,708
2,4-D, dimethylamine salt	843,358
2,4-D, isooctyl ester	6,349
4(2,4-DB), dimethylamine salt	42,775
Acephate	6,357,111
Acetamiprid	29,511
Acibenzolar-s-methyl	CI <sup>b</sup>
Alachlor	CI
Aldicarb	CI
Atrazine	73,182
Azinphos-methyl	329,750
Azoxystrobin	CI
Bensulfuron methyl	CI
Bensulide	262,293
Bentazon, sodium salt	CI
Bifenazate	CI
Bromacil	87,954
Butylate	NS <sup>c</sup>
Cacodylic acid	519
Calcium acid methanearsonate	26,665
Carbaryl	327,893
Carbofuran	CI
Chloropicrin	40,287,155
Chlorothalonil	1,692,053
Chlorsulfuron	CI
Clethodim	CI
Clomazone	CI
Clopyralid	CI
Cycloate	23,652
Cyprodinil	CI
Cyromazine	CI
Dazomet	66,475
Diazinon	746,771
Dicamba	8,234
Dicamba, dimethylamine salt	56,754
Dichlobenil	16,767
Dicloran	101,599
Difenzoquat methyl sulfate	CI
Diflufenzopyr, sodium salt	CI
Dimethipin	CI
Dimethoate	428,407
Dimethomorph	CI

<b>Active ingredient</b>	<b>Pounds Sold<sup>a</sup></b>
Diquat dibromide	129,845
Disulfoton	92,614
Dithiopyr	10,976
Diuron	2,018,519
Dodine	6,679
DSMA	NS
Emamectin benzoate	CI
Endothall, dipotassium salt	CI
EPTC	288,826
Ethofumesate	16,021
Ethoprop	42,162
Fenamiphos	CI
Fenarimol	1,018
Fenhexamid	CI
Fenoxycarb	168
Fipronil	205,234
Fludioxonil	CI
Flurprimidol	CI
Flutolanil	16,413
Formetanate hydrochloride	37,621
Fosetyl-al	308,338
Glufosinate-ammonium	16,292
Glyphosate, isopropylamine salt	11,832,838
Glyphosate-trimesium	CI
Halosulfuron	CI
Hexazinone	CI
Imazamox, ammonium salt	CI
Imazethapyr	CI
Imidacloprid	136,666
Iprodione	342,485
Isoxaben	25,495
Kresoxim-methyl	CI
Linuron	116,650
Malathion	1,617,640
MCPA, dimethylamine salt	334,134
MCPP	67,266
MCPP, dimethylamine salt	99,820
MCPP, potassium salt	6,431
Mecoprop-p	72,585
Mepiquat chloride	25,156
Metalaxyl	1,189
Metaldehyde	344,680
Methamidophos	135,931
Methidathion	CI
Methiocarb	3,313
Methomyl	431,613
Methoxyfenozide	CI

<b>Active ingredient</b>	<b>Pounds Sold<sup>a</sup></b>
Methyl isothiocyanate	NS
Methyl parathion	88,530
Metiram	CI
Metribuzin	28,913
Molinate	659,010
Msma	513,357
Napropamide	23,939
Nicosulfuron	CI
Nitrapyrin	CI
Norflurazon	CI
Oryzalin	451,161
Oxydemeton-methyl	190,103
Paraquat dichloride	1,665,913
Pebulate	CI
Phenmedipham	6,160
Phorate	82,436
Phosmet	483,555
Piperalin	CI
Piperonyl butoxide	82,314
Profenofos	CI
Prohexadione calcium	CI
Prometon	11,871
Prometryn	311,354
Propamocarb hydrochloride	CI
Propanil	1,493,725
Propiconazole	26,975
Propyzamide	CI
Pymetrozine	CI
Pyraclostrobin	CI
Pyrazon	CI
Pyridate	CI
Pyrithiobac-sodium	CI
Quinclorac	CI
Rimsulfuron	CI
(S)-metolachlor	CI
Sethoxydim	CI
Siduron	8,823
Simazine	964,340
Sulfometuron methyl	CI
Tebuconazole	275,681
Tebufenozide	CI
Tebuthiuron	6,975
Terrazole	5,586
Thiamethoxam	CI
Thiazopyr	CI
Thiobencarb	2,219,382
Thiophanate-methyl	865,523

<b>Active ingredient</b>	<b>Pounds Sold<sup>a</sup></b>
Tralkoxydim	CI
Triadimefon	4,698
Triclopyr, butoxyethyl ester	123,575
Triclopyr, triethylamine salt	95,676
Triflumizole	CI
Triflusulfuron-methyl	CI
Trinexapac-ethyl	CI
Uniconazole-p	CI
Vinclozolin	20,363

<sup>a</sup>Sales data derived from DPR sales database for year 2003.

<sup>b</sup>Confidential information. Three or less registrants for this active ingredient.

<sup>c</sup>No sales reported for this active ingredient during 2003.

Table 3. Use of active ingredients that have exceeded the specific numerical values (2004 report).

<b>Active Ingredient</b>	<b>Use</b>	<b>Description</b>
2,4-D	Herbicide	Hormone type
2,4-D, 2-ethylhexyl ester	Herbicide	Hormone type
2,4-D, butoxyethanol and isooctyl esters	Herbicide	Hormone type
2,4-D, diethanolamine salt	Herbicide	Hormone type
2,4-D, dimethylamine salt	Herbicide	Hormone type
2,4-D, isooctyl ester	Herbicide	Hormone type
4(2,4-DB), dimethylamine salts	Herbicide	Selective, postemergent
Acephate	Insecticide	Contact, systemic
Acetamiprid	Insecticide	Systemic
Acibenzolar-s-methyl	Fungicide	Selective, systemic
Alachlor	Herbicide	Pre-emergent
Aldicarb	Insecticide/ acaricide	Systemic
Atrazine	Herbicide	Selective, residual
Azinphos-methyl	Insecticide	Contact, nonsystemic
Azoxystrobin	Fungicide	Foliar
Bensulfuron methyl	Herbicide	Selective
Bensulide	Herbicide	Selective, pre-emergent
Bentazon, sodium salt	Herbicide	Selective, pre-emergent
Bifenazate	Insecticide/ acaricide, miticide	Contact
Bromacil	Herbicide	Pre-emergent
Butylate	Herbicide	Selective, preplant
Cacodylic acid	Herbicide/ silvicide	Harvest aid
Calcium acid methanearsonate	Herbicide	Selective
Carbaryl	Insecticide	Broad spectrum
Carbofuran	Insecticide/ acaricide/ nematicide	Soil, foliar
Chloropicrin	Warning agent/ fumigant	Space, commodity, soil
Chlorothalonil	Fungicide	Broad spectrum, protectant
Chlorsulfuron	Herbicide	Selective
Clethodim	Herbicide	Systemic, postemergent
Clomazone	Herbicide	Broad spectrum, preplant, pre-emergent
Clopyralid	Herbicide	Selective, postemergent
Cycloate	Herbicide	Selective, preplant
Cyprodinil	Fungicide	Systemic
Cyromazine	Insecticide	Growth regulator

<b>Active Ingredient</b>	<b>Use</b>	<b>Description</b>
Dazomet	Fungicide/ nematocide/ herbicide/ slimicide	Preplant
Diazinon	Insecticide/ nematocide	Soil/foliar/seed
Dicamba	Herbicide	Selective, systemic
Dicamba, dimethylamine salt	Herbicide	Selective, systemic
Dichlobenil	Herbicide	Selective, cellulose
Dicloran	Fungicide	Pre-, postharvest
Difenzoquat methyl sulfate	Herbicide	Selective, postemergent
Diflufenzopyr, sodium salt	Herbicide	Selective, postemergent
Dimethipin	Plant growth regulator	Systemic
Dimethoate	Insecticide/ acaricide	Systemic
Dimethomorph	Fungicide	Selective, postemergent
Diquat dibromide	Desiccant/ herbicide	Contact
Disulfoton	Insecticide/ acaricide	Systemic
Dithiopyr	Herbicide	Pre-, postemergent
Diuron	Herbicide	Selective, general
Dodine	Fungicide	Systemic, preventative, foliar
DSMA	Herbicide	Selective, postemergent
Endothall, dipotassium salt	Herbicide/ algicide/ growth regulator	Pre-, postemergent
Emamectin benzoate	Insecticide	Systemic, contact
EPTC	Herbicide	Selective
Ethofumesate	Herbicide	Selective
Ethoprop	Insecticide/ nematocide	Soil
Fenamiphos	Nematocide	Selective
Fenarimol	Fungicide	Systemic, foliar
Fenhexamid	Fungicide	Systemic, curative, foliar
Fenoxycarb	Insecticide	Growth regulator
Fipronil	Insecticide	Contact, stomach
Fludioxonil	Fungicide	Contact
Flutolanil	Fungicide	Systemic
Formetanate hydrochloride	Acaricide/ insecticide	Foliar
Fosetyl-Al, technical	Fungicide	Systemic, preventative
Glufosinate-ammonium	Herbicide	Selective
Glyphosate, isopropylamine salt	Herbicide	Nonselective, postemergent
Halosulfuron	Herbicide	Pre-, postemergent
Hexazinone	Herbicide	Contact, residual



<b>Active Ingredient</b>	<b>Use</b>	<b>Description</b>
Imazamox, ammonium salt	Herbicide	Selective, postemergent
Imazethapyr	Herbicide	Selective, pre-, postemergent
Imidacloprid	Insecticide	Systemic
Iprodione	Fungicide	Contact
Isoxaben	Herbicide	Soil, pre-emergent
Kresoxim-methyl	Fungicide	Non-systemic, preventive, curative, foliar
Linuron	Herbicide	Selective
Malathion	Insecticide	Nonsystemic foliar
MCPA, dimethylamine salt	Herbicide	Hormone-type
MCPP acid (mecoprop, MCPA)	Herbicide	Systemic
MCPP, dimethylamine salt	Herbicide	Systemic
MCPP, potassium salt	Herbicide	Systemic
Mecoprop-p	Herbicide	Systemic hormone-type
Mepiquat chloride	Bioregulator	Harvest aid
Metalaxyl	Fungicide	Seed treatment, soil, foliar
Metaldehyde	Molluscicide	Contact
Methamidophos	Insecticide/ acaricide	Narrow spectrum
Methidathion	Insecticide/ acaricide	Nonsystemic
Methiocarb	Insecticide/ acaricide	Nonsystemic
Methomyl	Insecticide	Broad spectrum
Methoxyfenozide	Insecticide	Insect growth regulator
Methyl isothiocyanate	Fumigant	Soil, preplant
Methyl parathion	Insecticide	Broad spectrum
Metiram	Fungicide	EBDC type, broad spectrum
Metribuzin	Herbicide	Selective, systemic
Molinate	Herbicide	Selective
MSMA	Herbicide	Postemergent
Napropamide	Herbicide	Selective
Nicosulfuron	Herbicide	Selective, systemic
Nitrapyrin	Nitrification inhibitor	Selective
Norflurazon	Herbicide	Selective, preplant
Oryzalin	Herbicide	Selective, pre-emergent
Oxydematon-methyl	Insecticide/ acaricide	Systemic, contact
Paraquat dichloride	Desiccant/ herbicide	Contact
Phenmedipham	Herbicide	Postemergent

<b>Active Ingredient</b>	<b>Use</b>	<b>Description</b>
Phorate	Insecticide	Systemic, soil
Phosmet	Insecticide	Broad spectrum
Piperalin	Fungicide	Ornamental
Piperonyl butoxide, technical	Synergist	Use with pyrethroids, pyrethrins
Profenofos	Insecticide/ acaricide	Broad spectrum
Prohexadione calcium	Herbicide	Plant growth regulator
Prometon	Herbicide	Nonselective, pre-, postemergent
Prometryn	Herbicide	Selective, pre-, postemergent
Propanil	Herbicide	Contact, postemergent
Propiconazole	Fungicide	Foliar
Propyzamide	Herbicide	Pre-, postemergent
Pymetrozine	Insecticide	Systemic, contact and stomach, soil or foliar
Pyraclostrobin	Fungicide	Foliar, respiration inhibitor
Pyrazon	Herbicide	Pre-, early postemergent
Pyrithiobac sodium	Herbicide	Pre-, postemergent
Quinclorac	Herbicide	Selective, pre-, postemergent
Rimsulfuron	Herbicide	Selective, systemic
(S)-metolachlor	Herbicide	Selective, preplant
Sethoxydim	Herbicide	Systemic, postemergent
Siduron	Herbicide	Selective, preemergent
Simazine	Herbicide	Selective
Sulfometuron-methyl	Herbicide	Contact, residual
Tebuconazole	Fungicide	Systemic
Tebufenozide	Insecticide	Systemic
Tebuthiuron	Herbicide	Nonselective
Terrazole	Fungicide	Ornamental, turf
Thiamethoxam	Insecticide	Systemic
Thiazopyr	Herbicide	Selective, preemergent
Thiobencarb	Herbicide	Pre-, postemergent
Thiophanate-methyl	Fungicide	Systemic, broad spectrum
Triadimefon	Fungicide	Systemic
Triclopyr, butoxyethyl ester	Herbicide	Systemic, postemergent
Triclopyr, triethylamine salts	Herbicide	Systemic, postemergent
Triflumizole	Fungicide	Systemic, broad spectrum
Triflurosulfuron-methyl	Herbicide	Growth regulator, soil

<b>Active Ingredient</b>	<b>Use</b>	<b>Description</b>
Trinexapac-ethyl	Herbicide	Growth regulator, soil
Uniconazole-P	Herbicide	Plant growth regulator
Vinclozolin	Fungicide	Contact, broad spectrum

Information derived from:

- i. Farm Chemicals Handbook. 2001. Meister Publishing Co., Willoughby, OH
- ii. Thomson, W.T. 2000. Agricultural Chemicals. Books I to IV, Thomson Publications, Fresno, CA
- iii. Merck Index, 12th edition. 1996. Merck & Co., Inc. Rahway, NJ

Table 4. Pesticide use reported during 2003 for active ingredients exceeding the specific numerical values (2004 Report).

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
2,4-D	Alameda	87
	Contra Costa	2
	El Dorado	<1
	Fresno	44
	Humboldt	14
	Inyo	<1
	Kern	17
	Lassen	36
	Los Angeles	39
	Madera	23
	Marin	<1
	Mendocino	9
	Merced	33
	Modoc	255
	Mono	4
	Monterey	5
	Napa	2
	Orange	2
	Placer	<1
	Riverside	<1
	Sacramento	67
	San Bernardino	62
	San Diego	31
	San Francisco	<1
	San Joaquin	47
	San Luis Obispo	12
	San Mateo	5
	Santa Barbara	24
	Santa Clara	151
	Shasta	3
	Siskiyou	639
	Solano	52
	Sonoma	17
	Stanislaus	29
Sutter	<1	
Tehama	<1	
Ventura	1	
Yolo	11	
Yuba	3	
	Total	1,732
2,4-D, 2-ethylhexyl ester	Alameda	18
	Amador	444
	Butte	1,471
	Calaveras	829
	Colusa	<1
	Contra Costa	29

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	El Dorado	360
	Fresno	<1
	Glenn	247
	Humboldt	981
	Kern	28
	Kings	2
	Lassen	2,626
	Los Angeles	572
	Madera	371
	Marin	173
	Merced	13
	Modoc	617
	Monterey	60
	Napa	7
	Nevada	161
	Orange	252
	Placer	379
	Plumas	8
	Riverside	4,050
	Sacramento	118
	San Benito	418
	San Bernardino	124
	San Diego	59
	San Joaquin	22
	San Luis Obispo	51
	San Mateo	13
	Santa Barbara	12
	Santa Clara	40
	Shasta	1,457
	Siskiyou	1,019
	Solano	15
	Sonoma	41
	Stanislaus	16
	Sutter	1
	Tehama	394
	Trinity	344
	Tulare	50
	Tuolumne	1,740
	Ventura	60
	Yolo	22
	Yuba	<1
	Total	19,715
2,4-D, alkanolamine salts	Amador	<1
	Kern	3
	San Diego	<1
	San Joaquin	1,320
	San Mateo	18
	Santa Barbara	5
	Solano	7

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Ventura	3
	<b>Total</b>	<b>1,357</b>
2,4-D, butoxyethanol ester	Alameda	221
	Contra Costa	10
	Del Norte	18
	Fresno	3
	Humboldt	1
	Imperial	28
	Kern	8
	Lassen	90
	Madera	13
	Marin	27
	Merced	33
	Modoc	522
	Mono	6
	Orange	561
	Riverside	67
	Sacramento	<1
	San Bernardino	1
	San Luis Obispo	<1
	Santa Clara	1
	Shasta	3
	Sierra	104
Siskiyou	1,724	
Solano	89	
Stanislaus	39	
Yolo	25	
Yuba	214	
	<b>Total</b>	<b>3,812</b>
2,4-D, butyl ester	San Mateo	2
	<b>Total</b>	<b>2</b>
2,4-D, diethanolamine salt	Butte	345
	Calaveras	3
	Colusa	114
	Fresno	287
	Glenn	327
	Kern	510
	Kings	26
	Madera	83
	Merced	1,466
	Sacramento	683
	San Joaquin	1,709
	Siskiyou	124
	Solano	140
	Stanislaus	1,643
	Sutter	324
	Tehama	91

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Tulare	737
	Yolo	132
	Yuba	87
	Total	8,831
2,4-D, dimethylamine salt	Alameda	15,464
	Amador	575
	Butte	20,307
	Calaveras	115
	Colusa	15,145
	Contra Costa	5,724
	El Dorado	101
	Fresno	25,832
	Glenn	22,564
	Humboldt	166
	Imperial	49,097
	Inyo	24
	Kern	9,686
	Kings	28,524
	Lake	701
	Lassen	563
	Los Angeles	3,361
	Madera	7,887
	Marin	509
	Mariposa	<1
	Mendocino	864
	Merced	37,289
	Modoc	8,039
	Monterey	7,172
	Napa	208
	Nevada	7
	Orange	2,022
	Placer	1,518
	Plumas	1
	Riverside	5,754
	Sacramento	24,281
	San Benito	3,111
	San Bernardino	2,116
	San Diego	868
	San Francisco	88
	San Joaquin	43,732
	San Luis Obispo	15,657
	San Mateo	1,097
	Santa Barbara	2,592
	Santa Clara	1,740
	Santa Cruz	40
	Shasta	2,236
	Sierra	103
	Siskiyou	10,273
	Solano	30,616

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Sonoma	2,665
	Stanislaus	27,522
	Sutter	13,120
	Tehama	8,494
	Tulare	15,224
	Tuolumne	190
	Ventura	996
	Yolo	36,790
	Yuba	2,295
	<b>Total</b>	<b>515,064</b>
2,4-D, isooctyl ester	Amador	11
	Del Norte	1,351
	El Dorado	1,047
	Fresno	10
	Glenn	28
	Humboldt	5,113
	Kern	<1
	Kings	<1
	Lassen	75
	Marin	339
	Mendocino	1,286
	Merced	127
	Modoc	12
	Riverside	1,863
	Sacramento	8
	San Bernardino	34
	San Diego	<1
	San Mateo	1
	Santa Barbara	1
	Shasta	139
	Siskiyou	769
	Tuolumne	149
	<b>Total</b>	<b>12,366</b>
2,4-D, triethylamine salt	Contra Costa	<1
	Fresno	77
	Merced	77
	San Joaquin	242
	Stanislaus	38
	<b>Total</b>	<b>435</b>
4(2,4-DB), dimethylamine salt	Alameda	56
	Butte	109
	Colusa	239
	Contra Costa	406
	Fresno	1,768
	Glenn	554
	Imperial	2,465
	Kern	891



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Kings	142
	Lassen	17
	Los Angeles	167
	Madera	1,021
	Merced	2,508
	Modoc	181
	Riverside	643
	Sacramento	633
	San Bernardino	12
	San Joaquin	3,016
	Siskiyou	645
	Solano	1,296
	Stanislaus	1,544
	Sutter	758
	Tehama	104
	Tulare	1,430
	Yolo	4,201
	Total	24,803
Acephate	Alameda	230
	Amador	<1
	Butte	368
	Calaveras	<1
	Colusa	1,477
	Contra Costa	1,594
	Del Norte	23
	El Dorado	11
	Fresno	43,241
	Glenn	674
	Humboldt	51
	Imperial	11,764
	Inyo	1
	Kern	12,978
	Kings	9,759
	Lake	18
	Lassen	<1
	Los Angeles	3,447
	Madera	694
	Marin	249
	Mariposa	<1
	Mendocino	10
	Merced	4,382
	Modoc	356
	Monterey	59,526
	Napa	37
	Nevada	9
	Orange	1,909
	Placer	221
	Plumas	74
	Riverside	7,862

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Sacramento	313
	San Benito	4,053
	San Bernardino	618
	San Diego	3,908
	San Francisco	620
	San Joaquin	3,054
	San Luis Obispo	3,794
	San Mateo	971
	Santa Barbara	9,758
	Santa Clara	3,460
	Santa Cruz	2,492
	Shasta	156
	Sierra	33
	Siskiyou	822
	Solano	1,041
	Sonoma	359
	Stanislaus	4,941
	Sutter	3,369
	Tehama	65
	Tulare	2,408
	Tuolumne	<1
	Ventura	18,347
	Yolo	263
	Yuba	3
	Total	225,814
Acetamiprid	Butte	1
	Colusa	21
	El Dorado	36
	Fresno	7,982
	Glenn	18
	Imperial	536
	Kern	4,261
	Kings	3,844
	Lake	11
	Los Angeles	11
	Madera	527
	Mendocino	156
	Merced	836
	Monterey	1,911
	Napa	12
	Orange	139
	Placer	3
	Riverside	756
	Sacramento	266
	San Benito	29
	San Bernardino	16
	San Diego	40
	San Joaquin	89
	San Luis Obispo	31

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Mateo	9
	Santa Barbara	106
	Santa Clara	33
	Santa Cruz	88
	Solano	41
	Sonoma	22
	Stanislaus	8
	Sutter	12
	Tulare	7,547
	Tuolumne	3
	Ventura	1,109
	Yolo	8
	Yuba	1
	Total	30,516
Acibenzolar-s-methyl	Fresno	4
	Monterey	770
	San Benito	24
	San Luis Obispo	181
	Santa Barbara	125
	Santa Clara	7
	Santa Cruz	37
	Ventura	32
	Total	1,180
Alachlor	Fresno	7,785
	Glenn	834
	Los Angeles	91
	Merced	528
	Monterey	881
	Riverside	377
	San Benito	322
	San Diego	63
	Santa Barbara	6,183
	Santa Clara	999
	Sutter	70
	Tulare	1,442
	Ventura	5,438
	Total	25,015
Aldicarb	Butte	842
	Colusa	220
	Fresno	75,179
	Glenn	330
	Imperial	2,803
	Kern	30,174
	Kings	87,489
	Madera	4,051
	Merced	30,791
	Monterey	111

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Riverside	863
	San Benito	125
	Santa Cruz	1
	Sutter	1,319
	Tulare	27,806
	Total	262,103
Amitrole	Alameda	11
	Los Angeles	<1
	Napa	<1
	San Joaquin	<1
	Total	12
Anilazine	Alameda	3
	Fresno	56
	Inyo	<1
	Kern	15
	Orange	<1
	Santa Barbara	45
	Santa Clara	<1
	Ventura	510
Total	630	
Atrazine	Alameda	24
	Butte	156
	Calaveras	1,604
	Contra Costa	2
	Del Norte	886
	El Dorado	1,188
	Glenn	1,017
	Humboldt	2,402
	Imperial	13,428
	Lassen	4,490
	Los Angeles	20
	Modoc	2,717
	Monterey	10
	Orange	4
	Placer	1,013
	Riverside	283
	Sacramento	7,150
	San Diego	2
	San Francisco	<1
	San Joaquin	4,533
	San Luis Obispo	3
	Shasta	3,108
	Siskiyou	22
	Solano	152
	Sutter	78
	Tuolumne	13,708
Ventura	69	

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Yolo	176
	Total	58,245
Azinphos-methyl	Butte	8,463
	Colusa	1,455
	Contra Costa	2,313
	El Dorado	1,226
	Fresno	9,367
	Glenn	5,139
	Kern	118,282
	Kings	15,821
	Lake	1,279
	Los Angeles	982
	Madera	8,609
	Mendocino	311
	Merced	1,540
	Monterey	143
	Riverside	27
	Sacramento	4,002
	San Benito	40
	San Bernardino	5
	San Diego	29
	San Joaquin	7,107
	San Luis Obispo	510
	San Mateo	283
	Santa Barbara	267
	Santa Clara	<1
	Santa Cruz	273
	Shasta	9
	Solano	1,444
	Sonoma	120
	Stanislaus	4,408
	Sutter	722
	Tehama	350
	Tulare	12,800
	Ventura	23
	Yolo	392
	Yuba	6,125
	Total	213,863
Azoxystrobin	Alameda	22
	Amador	10
	Butte	8,907
	Calaveras	11
	Colusa	3,810
	Contra Costa	519
	Del Norte	6
	El Dorado	13
	Fresno	10,212
	Glenn	8,529

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Humboldt	<1
	Imperial	361
	Inyo	2
	Kern	12,968
	Kings	5,852
	Lake	262
	Lassen	32
	Los Angeles	4,718
	Madera	3,076
	Marin	10
	Mendocino	251
	Merced	5,192
	Modoc	1,965
	Monterey	1,729
	Napa	1,538
	Nevada	12
	Orange	594
	Placer	543
	Plumas	2
	Riverside	763
	Sacramento	1,124
	San Benito	272
	San Bernardino	65
	San Diego	913
	San Francisco	26
	San Joaquin	2,623
	San Luis Obispo	652
	San Mateo	107
	Santa Barbara	2,907
	Santa Clara	163
	Santa Cruz	417
	Shasta	47
	Siskiyou	833
	Solano	737
	Sonoma	1,163
	Stanislaus	4,258
	Sutter	2,192
	Tehama	611
	Tulare	4,570
	Ventura	4,204
	Yolo	2,028
	Yuba	648
	<b>Total</b>	<b>102,469</b>
<b>Bensulfuron methyl</b>	Alameda	<1
	Butte	112
	Colusa	191
	Fresno	59
	Glenn	129
	Kern	28

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Madera	6
	Merced	119
	Placer	21
	Sutter	310
	Yolo	272
	Yuba	67
	Total	1,315
Bensulide	Alameda	307
	Butte	195
	Calaveras	20
	Colusa	29
	Contra Costa	129
	El Dorado	124
	Fresno	1,772
	Humboldt	4
	Imperial	113,457
	Kern	300
	Los Angeles	500
	Madera	108
	Mendocino	13
	Merced	160
	Monterey	39,758
	Napa	5
	Orange	53
	Placer	96
	Riverside	18,787
	Sacramento	916
	San Benito	21,160
	San Bernardino	8,064
	San Diego	30
	San Joaquin	193
	San Luis Obispo	1,147
	Santa Barbara	2,710
	Santa Clara	3,101
	Santa Cruz	554
	Shasta	232
	Siskiyou	24
	Solano	103
	Stanislaus	6,957
	Tehama	38
	Tulare	16
	Tuolumne	3
	Ventura	8,814
	Yolo	2
	Total	229,880
Bentazon, sodium salt	Butte	<1
	Fresno	7
	Lassen	31

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Modoc	21
	Monterey	339
	Orange	21
	San Diego	<1
	San Luis Obispo	57
	San Mateo	60
	Santa Barbara	78
	Santa Cruz	28
	Shasta	80
	Stanislaus	<1
	Sutter	200
	Ventura	294
	Total	1,216
Bifenazate	Alameda	71
	Amador	56
	Butte	130
	Contra Costa	186
	Del Norte	<1
	El Dorado	43
	Fresno	8,006
	Humboldt	4
	Kern	6,477
	Kings	1,080
	Lake	354
	Lassen	16
	Los Angeles	505
	Madera	1,843
	Mendocino	1,008
	Merced	764
	Monterey	4,249
	Napa	898
	Nevada	<1
	Orange	976
	Placer	3
	Riverside	114
	Sacramento	186
	San Benito	318
	San Bernardino	39
	San Diego	250
	San Joaquin	1,376
	San Luis Obispo	445
	San Mateo	16
	Santa Barbara	1,498
	Santa Clara	30
	Santa Cruz	1,306
	Shasta	4
	Solano	28
	Sonoma	2,524
	Stanislaus	1,503



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Sutter	232
	Tulare	3,424
	Tuolumne	11
	Ventura	3,036
	Yolo	61
	Yuba	43
	Total	43,114
Bromacil	Alameda	678
	Amador	29
	Butte	596
	Calaveras	14
	Colusa	1,343
	Contra Costa	2,003
	El Dorado	8
	Fresno	4,758
	Glenn	861
	Humboldt	2
	Imperial	170
	Kern	9,551
	Kings	987
	Lake	82
	Los Angeles	1,349
	Madera	646
	Merced	1,403
	Monterey	609
	Napa	100
	Orange	188
	Placer	7
	Riverside	5,390
	Sacramento	90
	San Benito	14
	San Bernardino	1,735
	San Diego	394
	San Francisco	7
	San Joaquin	1,755
	San Luis Obispo	290
	San Mateo	10
	Santa Barbara	131
	Santa Clara	56
	Santa Cruz	4
	Shasta	10
	Siskiyou	346
	Solano	220
	Stanislaus	2,646
	Sutter	2,102
	Tehama	340
	Tulare	11,547
	Tuolumne	2
	Ventura	3,422

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Yolo	522
	Yuba	2
	Total	56,417
Bromoxynil butyrate	Inyo	7,863
	Stanislaus	25
	Total	7,888
Butylate	Kern	10,294
	Kings	962
	Madera	2,596
	Merced	2,881
	Sacramento	2,192
	San Joaquin	2,956
	Stanislaus	1,837
	Tulare	3,108
	Total	26,826
Cacodylic acid	Alameda	3
	Fresno	39
	Kern	19
	Los Angeles	3
	Madera	63
	Orange	2
	Riverside	35
	San Bernardino	27
	San Diego	2
	San Luis Obispo	<1
	San Mateo	<1
	Santa Barbara	<1
	Santa Clara	9
	Solano	<1
	Sonoma	<1
	Tulare	<1
	Ventura	3
	Total	207
Calcium acid methanearsonate	Los Angeles	<1
	Marin	1
	Napa	<1
	Orange	<1
	San Diego	<1
	Santa Clara	<1
	Shasta	2
	Stanislaus	<1
	Total	4
Carbaryl	Alameda	596
	Amador	2
	Butte	675

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Calaveras	64
	Colusa	213
	Contra Costa	5,140
	El Dorado	177
	Fresno	13,832
	Glenn	625
	Humboldt	133
	Imperial	5,017
	Inyo	166
	Kern	55,677
	Kings	2,099
	Lake	140
	Lassen	52
	Los Angeles	3,354
	Madera	7,481
	Marin	144
	Mendocino	28
	Merced	5,109
	Monterey	7,216
	Napa	127
	Nevada	21
	Orange	1,560
	Placer	600
	Plumas	<1
	Riverside	2,903
	Sacramento	3,589
	San Benito	5,031
	San Bernardino	7,322
	San Diego	442
	San Francisco	<1
	San Joaquin	16,119
	San Luis Obispo	1,649
	San Mateo	440
	Santa Barbara	405
	Santa Clara	1,489
	Santa Cruz	2,624
	Shasta	230
	Sierra	1
	Solano	2,353
	Sonoma	1,474
	Stanislaus	7,134
	Sutter	2,443
	Tehama	288
	Tulare	32,334
	Tuolumne	80
	Ventura	5,365
	Yolo	2,138
	Yuba	286
	Total	206,388

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
Carbofuran	Alameda	120
	Butte	164
	Colusa	212
	Contra Costa	868
	Del Norte	1,072
	Fresno	1,563
	Glenn	21
	Imperial	4,942
	Kern	547
	Kings	1,477
	Los Angeles	207
	Merced	1,545
	Monterey	8,823
	Riverside	5,802
	Sacramento	1,215
	San Benito	80
	San Joaquin	13,163
	San Luis Obispo	520
	San Mateo	17
	Santa Clara	10
	Solano	305
	Stanislaus	1,155
	Sutter	306
	Tulare	2,501
Yolo	2,552	
Yuba	90	
	<b>Total</b>	<b>49,275</b>
Chloropicrin	Alameda	3
	Butte	6,258
	Contra Costa	278
	Del Norte	11,206
	Fresno	48,553
	Glenn	17,919
	Humboldt	10,564
	Imperial	122,843
	Kern	113,521
	Kings	463
	Lake	201
	Lassen	7,947
	Los Angeles	32,184
	Madera	4,576
	Merced	73,943
	Modoc	15,083
	Mono	122
	Monterey	1,353,301
	Napa	1,438
Orange	273,180	
Riverside	139,543	
Sacramento	6,343	

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Benito	23,311
	San Bernardino	360
	San Diego	181,694
	San Joaquin	49,810
	San Luis Obispo	91,528
	San Mateo	6
	Santa Barbara	471,772
	Santa Clara	40,324
	Santa Cruz	528,352
	Shasta	65,534
	Siskiyou	167,974
	Solano	2,393
	Sonoma	419
	Stanislaus	31,132
	Sutter	19,145
	Tehama	11,720
	Tulare	6,448
	Tuolumne	<1
	Ventura	1,000,398
	Yolo	780
	Yuba	343
	<b>Total</b>	<b>4,932,910</b>
Chlorothalonil	Alameda	1,461
	Amador	32
	Butte	1,466
	Calaveras	143
	Colusa	12,256
	Contra Costa	3,519
	Del Norte	8,027
	El Dorado	316
	Fresno	104,322
	Glenn	2,097
	Humboldt	2,572
	Imperial	34,184
	Inyo	15
	Kern	140,108
	Kings	18,532
	Lassen	20
	Los Angeles	23,370
	Madera	3,699
	Marin	991
	Mariposa	4
	Mendocino	<1
	Merced	27,916
	Modoc	10,012
	Mono	63
	Monterey	16,993
	Napa	277
	Nevada	349

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Orange	11,071
	Placer	1,041
	Plumas	117
	Riverside	8,763
	Sacramento	5,366
	San Benito	9,312
	San Bernardino	1,870
	San Diego	57,038
	San Francisco	282
	San Joaquin	41,585
	San Luis Obispo	5,465
	San Mateo	3,315
	Santa Barbara	15,515
	Santa Clara	5,114
	Santa Cruz	2,627
	Shasta	521
	Siskiyou	6,561
	Solano	8,028
	Sonoma	467
	Stanislaus	22,705
	Sutter	8,743
	Tehama	8
	Tulare	4,085
	Ventura	63,281
	Yolo	17,243
	Yuba	207
	<b>Total</b>	<b>713,079</b>
Chlorsulfuron	Alameda	35
	Alpine	<1
	Amador	9
	Butte	7
	Calaveras	22
	Colusa	15
	Contra Costa	32
	Del Norte	5
	El Dorado	3
	Fresno	52
	Glenn	5
	Humboldt	2
	Inyo	<1
	Kern	9
	Kings	2
	Lake	15
	Lassen	12
	Los Angeles	171
	Madera	7
	Mariposa	6
	Mendocino	2
	Merced	15

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Modoc	3
	Mono	<1
	Monterey	56
	Napa	<1
	Nevada	4
	Orange	135
	Placer	9
	Plumas	7
	Riverside	152
	Sacramento	43
	San Benito	7
	San Bernardino	122
	San Diego	158
	San Joaquin	6,968
	San Luis Obispo	92
	San Mateo	2
	Santa Barbara	32
	Santa Clara	3
	Santa Cruz	4
	Shasta	61
	Sierra	1
	Siskiyou	11
	Solano	20
	Sonoma	204
	Stanislaus	10
	Sutter	2
	Tehama	18
	Tulare	35
	Tuolumne	20
	Ventura	14
	Yolo	63
	Yuba	7
	Total	8,690
Clethodim	Alameda	<1
	Butte	54
	Colusa	91
	Contra Costa	<1
	Fresno	2,497
	Glenn	449
	Imperial	3,580
	Inyo	3
	Kern	863
	Kings	2,564
	Lassen	11
	Los Angeles	155
	Madera	1,277
	Merced	1,702
	Modoc	96
	Monterey	8

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Orange	<1
	Placer	<1
	Riverside	1,162
	Sacramento	236
	San Bernardino	27
	San Diego	10
	San Joaquin	926
	San Luis Obispo	23
	Santa Barbara	5
	Santa Clara	<1
	Santa Cruz	4
	Shasta	98
	Siskiyou	51
	Solano	73
	Stanislaus	383
	Sutter	66
	Tehama	93
	Tulare	2,156
	Ventura	<1
	Yolo	185
	Yuba	20
	<b>Total</b>	<b>18,868</b>
Clomazone	Butte	4,230
	Colusa	7,414
	Glenn	18,131
	Placer	49
	Sutter	3,112
	Yolo	100
	Yuba	730
	<b>Total</b>	<b>33,766</b>
Clopyralid	Alameda	<1
	Butte	<1
	Contra Costa	1
	Los Angeles	7
	Marin	2
	Monterey	<1
	Orange	<1
	Placer	<1
	San Diego	<1
	San Joaquin	<1
	San Mateo	<1
	Santa Barbara	<1
	Santa Clara	<1
	Solano	<1
	Sonoma	<1
	<b>Total</b>	<b>14</b>
Cyanazine	Kern	9



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Merced	27
	Stanislaus	1
	Total	37
Cycloate	Fresno	388
	Imperial	2,669
	Los Angeles	105
	Merced	600
	Monterey	14,768
	Orange	<1
	Riverside	1,367
	Sacramento	12
	San Benito	3,964
	San Bernardino	<1
	San Luis Obispo	459
	Santa Barbara	1,500
	Santa Clara	918
	Santa Cruz	245
	Stanislaus	662
	Ventura	3,183
	Total	30,839
Cyprodinil	Amador	75
	Butte	6,577
	Calaveras	32
	Colusa	2,059
	Contra Costa	114
	El Dorado	58
	Fresno	9,668
	Glenn	5,035
	Humboldt	1
	Kern	21,096
	Kings	1,257
	Lake	436
	Los Angeles	26
	Madera	6,499
	Mendocino	578
	Merced	10,341
	Monterey	4,435
	Napa	1,749
	Nevada	75
	Orange	817
	Placer	47
	Riverside	45
	Sacramento	691
	San Benito	262
	San Bernardino	1
	San Diego	24
	San Joaquin	3,667
	San Luis Obispo	3,438

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Mateo	9
	Santa Barbara	5,385
	Santa Clara	18
	Santa Cruz	220
	Shasta	48
	Solano	408
	Sonoma	2,963
	Stanislaus	9,039
	Sutter	3,570
	Tehama	1,597
	Tulare	14,459
	Ventura	6,019
	Yolo	1,398
	Yuba	1,713
	<b>Total</b>	<b>125,949</b>
Cyromazine	Contra Costa	7
	Del Norte	<1
	Fresno	683
	Kern	<1
	Kings	12
	Los Angeles	9
	Madera	<1
	Merced	40
	Monterey	6,109
	Orange	43
	Riverside	2
	San Benito	290
	San Bernardino	11
	San Diego	241
	San Joaquin	54
	San Luis Obispo	126
	San Mateo	34
	Santa Barbara	355
	Santa Clara	514
	Santa Cruz	140
	Sonoma	2
	Stanislaus	176
	Ventura	1,318
	Yolo	<1
	<b>Total</b>	<b>10,167</b>
Dazomet	Contra Costa	<1
	Fresno	12
	Humboldt	9,237
	Kern	97
	Los Angeles	12,381
	Orange	109
	Riverside	2,110
	San Bernardino	165

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Diego	3,579
	San Francisco	42
	San Joaquin	96
	San Mateo	45
	Santa Barbara	3,807
	Santa Clara	1,811
	Santa Cruz	116
	Tulare	8,510
	Ventura	2,682
	Total	44,798
Diazinon	Alameda	703
	Amador	5
	Butte	9,595
	Calaveras	13
	Colusa	830
	Contra Costa	2,965
	Del Norte	37
	El Dorado	763
	Fresno	42,735
	Glenn	7,608
	Humboldt	29
	Imperial	43,953
	Kern	15,922
	Kings	3,402
	Lake	195
	Lassen	38
	Los Angeles	14,749
	Madera	7,331
	Marin	72
	Mariposa	34
	Mendocino	62
	Merced	10,037
	Modoc	4
	Mono	<1
	Monterey	159,937
	Napa	73
	Nevada	122
	Orange	4,132
	Placer	1,162
	Plumas	85
	Riverside	5,223
	Sacramento	10,165
	San Benito	15,002
	San Bernardino	2,087
	San Diego	17,419
	San Francisco	1
	San Joaquin	22,732
	San Luis Obispo	8,837
	San Mateo	2,727

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Santa Barbara	5,654
	Santa Clara	13,872
	Santa Cruz	8,108
	Shasta	272
	Sierra	29
	Siskiyou	<1
	Solano	2,335
	Sonoma	2,353
	Stanislaus	15,446
	Sutter	25,899
	Tehama	5,331
	Trinity	<1
	Tulare	13,708
	Tuolumne	34
	Ventura	6,908
	Yolo	3,859
	Yuba	10,987
	Total	525,581
Dicamba	Alameda	21
	Amador	<1
	Butte	<1
	Calaveras	<1
	Colusa	<1
	Contra Costa	24
	El Dorado	6
	Fresno	5
	Glenn	<1
	Humboldt	2
	Inyo	<1
	Kern	3
	Kings	<1
	Lassen	<1
	Los Angeles	70
	Madera	4
	Marin	1
	Mendocino	1
	Merced	<1
	Monterey	4
	Napa	2
	Nevada	5
	Orange	66
	Placer	23
	Riverside	18
	Sacramento	75
	San Benito	<1
	San Bernardino	27
	San Diego	7
	San Francisco	4
	San Joaquin	13

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Luis Obispo	6
	San Mateo	9
	Santa Barbara	8
	Santa Clara	23
	Santa Cruz	<1
	Shasta	<1
	Solano	3
	Sonoma	10
	Stanislaus	8
	Sutter	<1
	Tehama	<1
	Tulare	<1
	Tuolumne	<1
	Ventura	10
	Yolo	3
	Yuba	<1
	Total	466
Dicamba, diethanolamine salt	Kern	<1
	Total	<1
Dicamba, dimethylamine salt	Alameda	338
	Amador	5
	Butte	122
	Calaveras	15
	Contra Costa	443
	El Dorado	1
	Fresno	1,873
	Glenn	467
	Humboldt	17
	Imperial	<1
	Inyo	3
	Kern	1,547
	Kings	5,236
	Lake	<1
	Lassen	40
	Los Angeles	451
	Madera	359
	Marin	2
	Mariposa	12
	Merced	1,294
	Modoc	867
	Monterey	754
	Napa	6
	Nevada	<1
	Orange	246
	Placer	21
	Plumas	<1
	Riverside	320
	Sacramento	63

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Benito	496
	San Bernardino	284
	San Diego	248
	San Francisco	8
	San Joaquin	704
	San Luis Obispo	948
	San Mateo	31
	Santa Barbara	90
	Santa Clara	299
	Santa Cruz	2
	Shasta	60
	Siskiyou	1,802
	Solano	758
	Sonoma	31
	Stanislaus	132
	Sutter	44
	Tehama	51
	Tulare	10,609
	Tuolumne	<1
	Ventura	90
	Yolo	199
	Yuba	<1
	<b>Total</b>	<b>31,392</b>
Dichlobenil	Alameda	62
	Contra Costa	<1
	Fresno	9
	Kern	74
	Los Angeles	6,398
	Merced	43
	Napa	227
	Orange	97
	Plumas	12
	Riverside	7
	Sacramento	<1
	San Bernardino	4
	San Diego	5,760
	San Joaquin	20
	San Luis Obispo	1
	San Mateo	10
	Santa Clara	7
	Solano	33
	Sonoma	3
	Stanislaus	56
	Tulare	5
	Ventura	4
	Yolo	112
	<b>Total</b>	<b>12,942</b>
Dicloran	Butte	<1

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Colusa	29
	El Dorado	<1
	Fresno	3,989
	Humboldt	2
	Imperial	546
	Kern	3,112
	Kings	370
	Madera	1,269
	Merced	2,725
	Monterey	32,496
	Napa	89
	Orange	858
	Riverside	3
	San Benito	2,382
	San Diego	243
	San Joaquin	204
	San Luis Obispo	2,579
	Santa Barbara	3,342
	Santa Clara	433
	Santa Cruz	1,482
	Sonoma	318
	Stanislaus	318
	Tulare	5,807
	Ventura	41,586
	Yolo	1,550
	Total	105,734
Dicrotophos	Fresno	41
	San Diego	<1
	Total	41
Diethatyl-ethyl	Monterey	942
	San Luis Obispo	188
	Total	1,130
Difenzoquat methyl sulfate	Colusa	36
	Lassen	14
	Modoc	585
	Riverside	273
	San Joaquin	106
	Siskiyou	1,071
	Solano	438
	Sonoma	247
	Yolo	545
	Total	3,316
Diflufenzopyr, sodium salt	Fresno	2
	Glenn	11
	Kern	64
	Kings	26

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Madera	3
	Mendocino	1
	Merced	10
	Riverside	49
	San Joaquin	12
	Stanislaus	4
	Tulare	179
	Total	360
Dimethipin	Fresno	37
	Kings	25
	Madera	12
	Total	74
Dimethoate	Alameda	55
	Butte	113
	Colusa	1,141
	Contra Costa	950
	Del Norte	120
	Fresno	29,504
	Glenn	471
	Humboldt	3
	Imperial	27,221
	Kern	33,377
	Kings	7,640
	Lassen	356
	Los Angeles	884
	Madera	2,910
	Mendocino	59
	Merced	10,490
	Modoc	1,603
	Mono	184
	Monterey	39,166
	Napa	84
	Orange	909
	Placer	2
	Riverside	16,943
	Sacramento	1,485
	San Benito	2,285
	San Bernardino	908
	San Diego	277
	San Joaquin	21,917
	San Luis Obispo	6,334
	San Mateo	293
	Santa Barbara	13,509
	Santa Clara	1,067
	Santa Cruz	2,076
	Siskiyou	264
	Solano	4,154
	Sonoma	523



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Stanislaus	22,609
	Sutter	2,681
	Tehama	91
	Tulare	38,346
	Ventura	495
	Yolo	5,137
	Yuba	145
	Total	298,782
Dimethomorph	Kern	329
	Merced	45
	Monterey	70
	San Benito	64
	San Diego	20
	San Joaquin	53
	San Luis Obispo	12
	Santa Clara	113
	Santa Cruz	1
	Stanislaus	94
	Tulare	48
	Tuolumne	10
	Ventura	71
	Total	930
		930
Diphenamid	San Diego	5
	Tuolumne	<1
	Ventura	<1
	Total	6
Diquat dibromide	Alameda	889
	Amador	108
	Butte	97
	Calaveras	125
	Contra Costa	1,625
	Del Norte	24
	El Dorado	112
	Fresno	3,064
	Glenn	573
	Humboldt	11
	Imperial	8,008
	Inyo	28
	Kern	7,636
	Kings	417
	Lake	1,618
	Lassen	28
	Los Angeles	4,189
	Madera	218
	Marin	457
	Mariposa	16

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Mendocino	67
	Merced	109
	Modoc	988
	Mono	<1
	Monterey	2,948
	Napa	305
	Nevada	618
	Orange	3,698
	Placer	411
	Plumas	4
	Riverside	5,883
	Sacramento	1,161
	San Benito	61
	San Bernardino	1,826
	San Diego	1,899
	San Francisco	13
	San Joaquin	2,610
	San Luis Obispo	2,272
	San Mateo	3,681
	Santa Barbara	2,727
	Santa Clara	493
	Santa Cruz	383
	Shasta	22
	Siskiyou	1,016
	Solano	173
	Sonoma	543
	Stanislaus	228
	Sutter	86
	Tehama	25
	Tulare	1,769
	Tuolumne	54
	Ventura	656
	Yolo	138
	Yuba	193
	<b>Total</b>	<b>66,299</b>
Disulfoton	Alameda	<1
	Butte	<1
	Contra Costa	<1
	Del Norte	3,115
	El Dorado	<1
	Fresno	2,909
	Glenn	<1
	Imperial	2,315
	Inyo	<1
	Kern	540
	Kings	792
	Los Angeles	3
	Marin	<1
	Merced	555

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Modoc	2,109
	Monterey	10,464
	Orange	144
	Placer	<1
	Riverside	2,298
	Sacramento	849
	San Benito	1,243
	San Bernardino	<1
	San Diego	1
	San Joaquin	11,238
	San Luis Obispo	1,260
	Santa Barbara	156
	Santa Clara	1,984
	Santa Cruz	707
	Shasta	<1
	Siskiyou	729
	Sonoma	<1
	Stanislaus	71
	Sutter	323
	Tulare	8
	Ventura	4,152
	Yolo	18
	<b>Total</b>	<b>47,988</b>
Dithiopyr	Alameda	8
	Butte	86
	Calaveras	1
	Colusa	<1
	Contra Costa	218
	El Dorado	5
	Fresno	210
	Glenn	<1
	Inyo	<1
	Kern	802
	Kings	61
	Lake	<1
	Los Angeles	173
	Madera	43
	Marin	23
	Merced	4
	Monterey	1
	Napa	46
	Nevada	16
	Orange	2,753
	Placer	231
	Riverside	208
	Sacramento	116
	San Benito	<1
	San Bernardino	14
	San Diego	2,851

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Joaquin	213
	San Luis Obispo	13
	San Mateo	35
	Santa Barbara	18
	Santa Clara	70
	Santa Cruz	<1
	Shasta	45
	Solano	75
	Sonoma	36
	Stanislaus	55
	Sutter	3
	Tehama	2
	Tulare	35
	Tuolumne	21
	Ventura	1
	Yolo	9
	Yuba	<1
	<b>Total</b>	<b>8,506</b>
Diuron	Alameda	28,594
	Alpine	122
	Amador	5,661
	Butte	18,488
	Calaveras	7,472
	Colusa	5,456
	Contra Costa	28,133
	Del Norte	1,792
	El Dorado	6,143
	Fresno	118,405
	Glenn	9,137
	Humboldt	180
	Imperial	13,777
	Inyo	34
	Kern	144,180
	Kings	71,824
	Lake	2,991
	Lassen	1,822
	Los Angeles	46,509
	Madera	55,326
	Marin	334
	Mariposa	694
	Mendocino	441
	Merced	78,871
	Modoc	1,063
	Monterey	8,259
	Napa	4,449
	Nevada	2,855
	Orange	11,903
	Placer	8,684
	Plumas	3,061

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Riverside	41,831
	Sacramento	25,245
	San Benito	4,710
	San Bernardino	56,848
	San Diego	33,949
	San Francisco	391
	San Joaquin	87,665
	San Luis Obispo	8,665
	San Mateo	3,040
	Santa Barbara	7,585
	Santa Clara	9,214
	Santa Cruz	1,263
	Shasta	6,356
	Sierra	92
	Siskiyou	3,148
	Solano	18,593
	Sonoma	2,619
	Stanislaus	54,010
	Sutter	9,667
	Tehama	14,198
	Tulare	225,108
	Tuolumne	5,406
	Ventura	9,394
	Yolo	26,638
	Yuba	4,591
	Total	1,346,889
Dodemorph acetate	San Mateo	3
	Ventura	2
	Total	5
Dodine	Lake	2,652
	Mendocino	5,826
	Sacramento	3,790
	Sutter	355
	Ventura	7
	Yolo	132
	Yuba	2,120
	Total	14,881
Dsma	Los Angeles	8
	Napa	4
	Orange	3
	San Diego	<1
	Total	15
Emamectin benzoate	Fresno	282
	Imperial	81
	Kings	<1
	Monterey	164

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Riverside	18
	San Benito	8
	San Mateo	<1
	Santa Barbara	<1
	Santa Clara	<1
	Santa Cruz	9
	Tulare	<1
	Ventura	79
	Total	642
Endothall, dipotassium salt	Alameda	78
	Calaveras	34
	Contra Costa	32
	El Dorado	25
	Fresno	64
	Imperial	158
	Kern	395
	Lake	421
	Los Angeles	75
	Madera	57
	Mendocino	10
	Napa	16
	Nevada	493
	Orange	98
	Placer	74
	Riverside	216
	Sacramento	54
	San Diego	121
	San Joaquin	77
	San Luis Obispo	101
	Santa Barbara	116
	Santa Clara	16
	Shasta	4
	Solano	97
	Sonoma	39
	Stanislaus	3
	Tehama	95
	Tulare	95
	Tuolumne	57
	Ventura	36
	Yolo	10
	Total	3,167
EPTC	Butte	1,205
	Colusa	1,612
	Contra Costa	138
	Fresno	7,737
	Glenn	1,063
	Imperial	40,631
	Kern	26,775

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Kings	15,003
	Los Angeles	3,021
	Madera	122
	Merced	5,825
	Monterey	5,195
	Riverside	6,417
	Sacramento	4,379
	San Joaquin	3,645
	San Luis Obispo	1,394
	Santa Barbara	1,740
	Santa Clara	730
	Solano	2,180
	Stanislaus	3,307
	Sutter	3,197
	Tehama	476
	Tulare	4,541
	Ventura	1,199
	Yolo	225
	<b>Total</b>	<b>141,756</b>
Ethofumesate	Alameda	182
	Contra Costa	<1
	El Dorado	55
	Fresno	1,503
	Glenn	269
	Imperial	619
	Kern	316
	Kings	439
	Los Angeles	11
	Madera	371
	Marin	268
	Merced	1,169
	Monterey	214
	Nevada	1
	Orange	41
	Placer	55
	Riverside	4,804
	Sacramento	50
	San Benito	376
	San Bernardino	182
	San Diego	17
	San Joaquin	166
	San Mateo	213
	Santa Barbara	3
	Santa Clara	1,168
	Shasta	99
	Solano	2
	Sonoma	284
	Stanislaus	221
	Tulare	16

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Ventura	125
	Total	13,239
Ethoprop	Del Norte	1,633
	Kern	1,605
	Mendocino	72
	Merced	1,646
	Monterey	1,414
	Riverside	180
	San Benito	64
	San Joaquin	12,582
	San Luis Obispo	1,107
	Santa Barbara	2,133
	Santa Clara	346
	Stanislaus	5,632
	Ventura	3
	Total	28,419
Fenamiphos	Contra Costa	6
	Fresno	12,095
	Kern	12,713
	Kings	187
	Los Angeles	151
	Madera	6,617
	Mendocino	23
	Merced	548
	Monterey	5,953
	Napa	34
	Riverside	152
	Sacramento	417
	San Benito	692
	San Francisco	150
	San Joaquin	5,637
	San Luis Obispo	527
	San Mateo	63
	Santa Barbara	350
	Stanislaus	1,468
	Tulare	10,628
	Ventura	1,009
	Total	59,421
Fenarimol	Alameda	2
	Amador	34
	Calaveras	7
	Colusa	32
	Contra Costa	36
	Del Norte	6
	El Dorado	21
	Fresno	2,124
	Glenn	6



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Humboldt	30
	Imperial	3
	Kern	317
	Kings	21
	Lake	24
	Los Angeles	15
	Madera	1,008
	Mariposa	<1
	Mendocino	42
	Merced	100
	Monterey	684
	Napa	190
	Nevada	6
	Orange	10
	Placer	24
	Riverside	58
	Sacramento	310
	San Benito	17
	San Bernardino	9
	San Diego	16
	San Joaquin	532
	San Luis Obispo	57
	San Mateo	20
	Santa Barbara	263
	Santa Clara	25
	Santa Cruz	109
	Solano	31
	Sonoma	131
	Stanislaus	122
	Sutter	<1
	Tulare	276
	Ventura	27
	Yolo	93
	Total	6,841
Fenhexamid	Alameda	4
	Amador	4
	Butte	40
	Calaveras	45
	Contra Costa	71
	Del Norte	<1
	El Dorado	1
	Fresno	750
	Glenn	65
	Humboldt	4
	Kern	3,792
	Kings	55
	Lake	367
	Los Angeles	97
	Madera	316

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Mendocino	676
	Merced	1,284
	Monterey	12,821
	Napa	1,841
	Nevada	1
	Orange	2,355
	Riverside	768
	Sacramento	190
	San Benito	81
	San Bernardino	17
	San Diego	978
	San Joaquin	903
	San Luis Obispo	3,322
	San Mateo	179
	Santa Barbara	6,479
	Santa Clara	127
	Santa Cruz	3,657
	Siskiyou	<1
	Solano	23
	Sonoma	4,110
	Stanislaus	316
	Tulare	5,099
	Ventura	13,418
	Yolo	601
	Yuba	1
	<b>Total</b>	<b>64,859</b>
Fenoxycarb	Alameda	2
	Fresno	<1
	Los Angeles	<1
	Madera	<1
	Orange	11
	Riverside	3
	Sacramento	<1
	San Bernardino	<1
	San Diego	13
	San Joaquin	<1
	Santa Barbara	<1
	Shasta	<1
	Solano	<1
	Tulare	<1
	Ventura	<1
	<b>Total</b>	<b>32</b>
Fenthion	Butte	2
	Los Angeles	<1
	Orange	<1
	<b>Total</b>	<b>3</b>
Fipronil	Alameda	474

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Alpine	<1
	Amador	8
	Butte	337
	Calaveras	34
	Colusa	24
	Contra Costa	768
	Del Norte	<1
	El Dorado	122
	Fresno	689
	Glenn	4
	Humboldt	2
	Imperial	97
	Inyo	<1
	Kern	311
	Kings	121
	Lake	3
	Lassen	<1
	Los Angeles	8,788
	Madera	124
	Marin	148
	Mariposa	25
	Mendocino	2
	Merced	76
	Modoc	<1
	Mono	<1
	Monterey	75
	Napa	80
	Nevada	55
	Orange	9,934
	Placer	209
	Plumas	<1
	Riverside	710
	Sacramento	1,216
	San Benito	25
	San Bernardino	1,694
	San Diego	3,387
	San Francisco	83
	San Joaquin	415
	San Luis Obispo	103
	San Mateo	230
	Santa Barbara	159
	Santa Clara	518
	Santa Cruz	9
	Shasta	106
	Sierra	<1
	Siskiyou	15
	Solano	441
	Sonoma	140
	Stanislaus	91
	Sutter	200

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Tehama	18
	Trinity	<1
	Tulare	224
	Tuolumne	40
	Ventura	212
	Yolo	145
	Yuba	64
	Total	32,756
Fluazifop-butyl	Alameda	<1
	Contra Costa	1
	Los Angeles	1
	Napa	<1
	Orange	19
	Riverside	<1
	San Bernardino	2
	San Diego	1
	San Francisco	<1
	San Joaquin	<1
	San Mateo	<1
	Santa Barbara	1
	Santa Clara	<1
	Shasta	1
	Solano	<1
	Sonoma	<1
	Tehama	<1
	Total	31
Fludioxonil	Alameda	16
	Amador	1
	Butte	<1
	Colusa	3
	Contra Costa	11
	Del Norte	<1
	El Dorado	4
	Fresno	731
	Glenn	20
	Humboldt	<1
	Kern	236
	Kings	139
	Los Angeles	76
	Madera	10
	Marin	10
	Mendocino	<1
	Monterey	134
	Napa	4
	Orange	594
	Placer	7
	Riverside	7
	Sacramento	36

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Benito	1
	San Bernardino	3
	San Diego	91
	San Joaquin	5
	San Luis Obispo	93
	San Mateo	33
	Santa Barbara	385
	Santa Clara	4
	Santa Cruz	157
	Shasta	2
	Sonoma	5
	Stanislaus	16
	Sutter	14
	Tehama	8
	Tulare	605
	Ventura	4,088
	Yolo	7
	Total	7,557
Flutolanil	Alameda	271
	Amador	25
	Butte	272
	Calaveras	53
	Contra Costa	445
	El Dorado	61
	Fresno	10
	Glenn	6
	Inyo	4
	Kern	130
	Los Angeles	2,772
	Madera	11
	Marin	103
	Merced	48
	Monterey	139
	Napa	70
	Nevada	15
	Orange	1,316
	Placer	343
	Riverside	1,869
	Sacramento	230
	San Benito	15
	San Bernardino	176
	San Diego	953
	San Francisco	52
	San Joaquin	213
	San Luis Obispo	117
	San Mateo	187
	Santa Barbara	229
	Santa Clara	457
	Santa Cruz	6

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>	
	Shasta	25	
	Solano	313	
	Sonoma	449	
	Stanislaus	44	
	Tehama	2	
	Tulare	9	
	Tuolumne	<1	
	Ventura	245	
	Yolo	153	
	Yuba	7	
		Total	11,846
	Fonofos	Monterey	150
San Mateo		<1	
Santa Barbara		32	
		Total	182
Formetanate hydrochloride	Butte	39	
	Contra Costa	14	
	El Dorado	5	
	Fresno	7,103	
	Imperial	1,360	
	Kern	5,700	
	Kings	1,769	
	Lake	20	
	Los Angeles	220	
	Madera	341	
	Merced	142	
	Placer	5	
	San Bernardino	<1	
	San Joaquin	535	
	San Luis Obispo	462	
	Santa Clara	2	
	Solano	4	
	Stanislaus	400	
	Tulare	10,445	
	Yuba	19	
	Total	28,585	
Fosetyl-al	Alameda	221	
	Amador	<1	
	Butte	14	
	Colusa	1,351	
	Contra Costa	794	
	Del Norte	9	
	El Dorado	44	
	Fresno	16,319	
	Glenn	191	
	Imperial	2,820	
	Kern	2,174	

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Kings	356
	Lake	66
	Lassen	142
	Los Angeles	9,981
	Madera	152
	Marin	198
	Mendocino	12
	Merced	2,108
	Monterey	218,324
	Napa	14
	Nevada	<1
	Orange	2,719
	Placer	240
	Riverside	1,856
	Sacramento	2,440
	San Benito	19,076
	San Bernardino	1,245
	San Diego	4,759
	San Francisco	<1
	San Joaquin	2,383
	San Luis Obispo	1,613
	San Mateo	2,080
	Santa Barbara	10,175
	Santa Clara	4,458
	Santa Cruz	10,774
	Shasta	213
	Siskiyou	4,109
	Solano	1,663
	Sonoma	284
	Stanislaus	5,562
	Sutter	<1
	Tehama	<1
	Tulare	3,052
	Tuolumne	1
	Ventura	6,942
	Yolo	359
	Yuba	48
	<b>Total</b>	<b>341,343</b>
<b>Glufosinate-ammonium</b>	Amador	14
	Colusa	9
	El Dorado	2
	Fresno	1,289
	Glenn	6
	Kern	1,904
	Kings	158
	Los Angeles	3
	Madera	634
	Marin	<1
	Merced	640

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Monterey	1,358
	Napa	185
	Orange	<1
	Placer	1
	Riverside	7
	Sacramento	5
	San Bernardino	1
	San Diego	3
	San Joaquin	612
	San Luis Obispo	1,944
	Santa Barbara	713
	Santa Clara	29
	Santa Cruz	11
	Siskiyou	<1
	Solano	78
	Sonoma	161
	Stanislaus	313
	Tehama	5
	Tulare	724
	Ventura	23
	Yolo	101
	<b>Total</b>	<b>10,931</b>
Glyphosate, isopropylamine salt	Alameda	204,508
	Alpine	4
	Amador	6,630
	Butte	141,732
	Calaveras	11,818
	Colusa	59,440
	Contra Costa	114,878
	Del Norte	1,507
	El Dorado	10,359
	Fresno	628,664
	Glenn	104,212
	Humboldt	3,235
	Imperial	189,026
	Inyo	839
	Kern	474,449
	Kings	209,813
	Lake	16,469
	Lassen	2,209
	Los Angeles	476,688
	Madera	233,072
	Marin	2,418
	Mariposa	8,609
	Mendocino	18,262
	Merced	313,815
	Modoc	3,785
	Mono	720
	Monterey	125,570



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Napa	45,500
	Nevada	4,351
	Orange	74,218
	Placer	15,051
	Plumas	2,166
	Riverside	168,911
	Sacramento	108,067
	San Benito	14,802
	San Bernardino	42,848
	San Diego	84,672
	San Francisco	1,340
	San Joaquin	249,205
	San Luis Obispo	86,185
	San Mateo	10,705
	Santa Barbara	88,347
	Santa Clara	41,315
	Santa Cruz	7,948
	Shasta	12,728
	Sierra	769
	Siskiyou	11,853
	Solano	51,481
	Sonoma	70,036
	Stanislaus	219,300
	Sutter	101,589
	Tehama	47,984
	Trinity	4,710
	Tulare	483,222
	Tuolumne	25,979
	Ventura	137,613
	Yolo	88,028
	Yuba	18,091
	<b>Total</b>	<b>5,681,744</b>
Glyphosate-trimesium	Butte	727
	Calaveras	1
	Colusa	1,259
	Contra Costa	120
	Fresno	11,883
	Glenn	7,546
	Imperial	702
	Kern	14,527
	Kings	1,579
	Madera	3,822
	Mendocino	685
	Merced	1,098
	Monterey	585
	Napa	128
	Placer	8
	Riverside	5
	Sacramento	2,765

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Diego	85
	San Joaquin	1,505
	San Luis Obispo	3
	Solano	780
	Stanislaus	4,428
	Sutter	1,617
	Tulare	560
	Ventura	25
	Yolo	1,363
	Yuba	1,110
	Total	58,913
Halosulfuron	Alameda	96
	Amador	<1
	Butte	8
	Calaveras	<1
	Colusa	2
	Contra Costa	26
	El Dorado	<1
	Fresno	19
	Glenn	13
	Imperial	28
	Kern	154
	Kings	142
	Los Angeles	158
	Madera	14
	Marin	<1
	Merced	168
	Monterey	<1
	Napa	<1
	Nevada	<1
	Orange	12
	Placer	19
	Riverside	240
	Sacramento	148
	San Bernardino	18
	San Diego	40
	San Francisco	<1
	San Joaquin	67
	San Luis Obispo	<1
	San Mateo	<1
	Santa Barbara	<1
	Santa Clara	<1
	Shasta	7
	Solano	3,520
	Sonoma	70
	Stanislaus	172
	Sutter	4,245
	Tehama	3
	Tulare	578

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Tuolumne	<1
	Ventura	6
	Yolo	23
	Yuba	<1
	Total	9,999
Hexazinone	Alameda	91
	Amador	1,208
	Butte	1,754
	Calaveras	2,203
	Colusa	1,616
	Contra Costa	556
	El Dorado	1,772
	Fresno	4,495
	Glenn	2,706
	Humboldt	145
	Inyo	45
	Kern	453
	Kings	1,584
	Lassen	4,979
	Los Angeles	1,033
	Madera	3,687
	Merced	10,686
	Modoc	3,684
	Mono	339
	Monterey	121
	Nevada	2
	Plumas	1,709
	Riverside	112
	Sacramento	1,587
	San Benito	121
	San Bernardino	1,090
	San Joaquin	12,466
	San Luis Obispo	810
	Santa Barbara	115
	Santa Clara	30
	Shasta	9,383
	Siskiyou	12,558
	Solano	5,256
	Stanislaus	5,755
	Sutter	1,108
	Tehama	3,289
	Tulare	4,093
	Tuolumne	157
	Yolo	11,684
	Yuba	5
	Total	114,488
Imazamox, ammonium salt	Alameda	6
	Butte	3

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Colusa	14
	Contra Costa	30
	Fresno	111
	Glenn	74
	Imperial	353
	Kern	326
	Kings	281
	Lassen	10
	Los Angeles	17
	Madera	84
	Merced	398
	Modoc	14
	Riverside	137
	Sacramento	25
	San Bernardino	18
	San Joaquin	118
	San Luis Obispo	20
	Santa Barbara	3
	Santa Clara	4
	Shasta	4
	Sierra	2
	Siskiyou	64
	Solano	59
	Stanislaus	82
	Sutter	24
	Tehama	10
	Tulare	225
	Yolo	151
	Total	2,670
Imazethapyr	Contra Costa	1
	Fresno	571
	Glenn	63
	Imperial	957
	Inyo	1
	Kern	619
	Kings	499
	Lassen	2
	Madera	245
	Merced	361
	Modoc	19
	Riverside	221
	Sacramento	72
	San Benito	18
	San Bernardino	12
	San Joaquin	332
	Santa Barbara	<1
	Santa Clara	3
	Siskiyou	3
	Solano	44

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Stanislaus	192
	Sutter	4
	Tehama	2
	Tulare	474
	Yolo	27
	Total	4,745
Imidacloprid	Alameda	1,288
	Amador	31
	Butte	464
	Calaveras	170
	Colusa	147
	Contra Costa	1,581
	Del Norte	2
	El Dorado	5,810
	Fresno	9,273
	Glenn	366
	Humboldt	10
	Imperial	12,078
	Inyo	15
	Kern	13,930
	Kings	628
	Lake	95
	Lassen	<1
	Los Angeles	27,604
	Madera	995
	Marin	176
	Mariposa	1
	Mendocino	325
	Merced	1,375
	Modoc	11
	Mono	6
	Monterey	14,935
	Napa	786
	Nevada	43
	Orange	6,904
	Placer	531
	Plumas	2
	Riverside	11,297
	Sacramento	2,126
	San Benito	906
	San Bernardino	1,521
	San Diego	2,749
	San Francisco	98
	San Joaquin	2,863
	San Luis Obispo	3,972
	San Mateo	466
	Santa Barbara	5,623
	Santa Clara	3,552
	Santa Cruz	1,150

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Shasta	223
	Siskiyou	34
	Solano	688
	Sonoma	735
	Stanislaus	1,441
	Sutter	455
	Tehama	8
	Tulare	4,028
	Tuolumne	509
	Ventura	4,657
	Yolo	834
	Yuba	66
	Total	149,583
Iprodione	Alameda	408
	Amador	33
	Butte	2,623
	Calaveras	38
	Colusa	3,012
	Contra Costa	357
	Del Norte	138
	El Dorado	80
	Fresno	40,102
	Glenn	1,257
	Humboldt	88
	Imperial	3,268
	Kern	50,826
	Kings	6,828
	Lake	50
	Los Angeles	7,071
	Madera	14,156
	Marin	89
	Mendocino	4
	Merced	14,677
	Modoc	163
	Mono	5
	Monterey	58,389
	Napa	148
	Nevada	15
	Orange	3,106
	Placer	303
	Plumas	18
	Riverside	872
	Sacramento	991
	San Benito	990
	San Bernardino	190
	San Diego	3,022
	San Francisco	30
	San Joaquin	14,075
	San Luis Obispo	2,684

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Mateo	513
	Santa Barbara	6,632
	Santa Clara	1,591
	Santa Cruz	1,409
	Shasta	70
	Siskiyou	291
	Solano	533
	Sonoma	612
	Stanislaus	27,823
	Sutter	1,355
	Tehama	1,064
	Tulare	15,412
	Tuolumne	<1
	Ventura	2,626
	Yolo	570
	Yuba	1,582
	Total	292,190
Isoxaben	Alameda	683
	Amador	7
	Butte	35
	Calaveras	7
	Colusa	58
	Contra Costa	1,188
	El Dorado	93
	Fresno	529
	Glenn	131
	Humboldt	4
	Inyo	4
	Kern	1,275
	Kings	82
	Lake	89
	Los Angeles	4,490
	Madera	131
	Marin	202
	Mariposa	<1
	Merced	124
	Monterey	34
	Napa	94
	Nevada	16
	Orange	1,338
	Placer	466
	Riverside	336
	Sacramento	1,301
	San Benito	8
	San Bernardino	439
	San Diego	1,600
	San Francisco	62
	San Joaquin	452
	San Luis Obispo	76

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Mateo	513
	Santa Barbara	125
	Santa Clara	1,215
	Santa Cruz	82
	Shasta	4
	Siskiyou	9
	Solano	747
	Sonoma	398
	Stanislaus	428
	Sutter	12
	Tulare	483
	Tuolumne	5
	Ventura	121
	Yolo	186
	Total	19,679
Kresoxim-methyl	Alameda	592
	Colusa	357
	Contra Costa	188
	Fresno	761
	Glenn	47
	Imperial	68
	Kern	2,456
	Kings	18
	Lake	29
	Madera	607
	Mendocino	100
	Merced	370
	Monterey	1,329
	Napa	1,096
	Placer	1
	Riverside	236
	Sacramento	1,306
	San Benito	91
	San Diego	2
	San Joaquin	1,996
	San Luis Obispo	1,057
	San Mateo	<1
	Santa Barbara	846
	Santa Clara	5
	Santa Cruz	9
	Solano	158
	Sonoma	1,656
	Stanislaus	345
	Tulare	971
	Ventura	<1
	Yolo	645
	Total	17,343
Linuron	Butte	<1



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Colusa	175
	Contra Costa	2,590
	Fresno	570
	Glenn	36
	Humboldt	7
	Imperial	13,126
	Kern	23,572
	Kings	545
	Los Angeles	3,782
	Madera	347
	Merced	50
	Monterey	3,213
	Riverside	1,102
	San Benito	119
	San Diego	109
	San Joaquin	2,752
	San Luis Obispo	1,544
	San Mateo	25
	Santa Barbara	3,752
	Santa Clara	4
	Santa Cruz	77
	Sutter	78
	Tulare	<1
	Ventura	2,554
	Total	60,128
Malathion	Alameda	575
	Amador	91
	Butte	6,567
	Calaveras	699
	Colusa	10,436
	Contra Costa	259
	El Dorado	511
	Fresno	51,866
	Glenn	10,514
	Humboldt	<1
	Imperial	69,023
	Inyo	6
	Kern	170,804
	Kings	19,182
	Lake	627
	Lassen	486
	Los Angeles	3,168
	Madera	3,341
	Marin	<1
	Mariposa	35
	Mendocino	<1
	Merced	9,296
	Modoc	1,382
	Monterey	58,877

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Napa	225
	Nevada	8
	Orange	10,079
	Placer	772
	Plumas	<1
	Riverside	39,405
	Sacramento	2,099
	San Benito	280
	San Bernardino	7,503
	San Diego	5,666
	San Francisco	5
	San Joaquin	15,415
	San Luis Obispo	18,809
	San Mateo	673
	Santa Barbara	39,491
	Santa Clara	1,572
	Santa Cruz	14,053
	Shasta	4,919
	Siskiyou	3,669
	Solano	859
	Sonoma	63
	Stanislaus	7,003
	Sutter	5,961
	Tehama	5,564
	Tulare	17,338
	Tuolumne	380
	Ventura	12,107
	Yolo	3,938
	Yuba	2,888
	Total	638,490
MCPA, dimethylamine salt	Alameda	801
	Butte	4,229
	Calaveras	210
	Colusa	11,569
	Contra Costa	2,474
	El Dorado	16
	Fresno	27,498
	Glenn	6,061
	Humboldt	<1
	Kern	16,145
	Kings	37,249
	Lassen	17
	Los Angeles	2,130
	Madera	4,077
	Marin	5
	Mariposa	49
	Merced	21,827
	Modoc	580
	Monterey	287

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Napa	94
	Orange	579
	Placer	171
	Riverside	579
	Sacramento	2,796
	San Benito	1,167
	San Bernardino	237
	San Diego	432
	San Francisco	83
	San Joaquin	12,251
	San Luis Obispo	545
	San Mateo	445
	Santa Clara	914
	Sierra	21
	Siskiyou	494
	Solano	4,723
	Sonoma	1,023
	Stanislaus	14,994
	Sutter	8,684
	Tehama	870
	Tulare	31,850
	Ventura	335
	Yolo	13,323
	Yuba	7,648
	Total	239,482
MCP	Alameda	43
	Contra Costa	<1
	El Dorado	<1
	Fresno	13
	Humboldt	6
	Kern	<1
	Lassen	<1
	Los Angeles	17
	Madera	10
	Marin	<1
	Monterey	5
	Napa	<1
	Orange	<1
	Placer	<1
	Riverside	<1
	Sacramento	30
	San Bernardino	45
	San Diego	13
	San Francisco	<1
	San Joaquin	<1
	San Luis Obispo	7
	San Mateo	5
	Santa Barbara	11
	Santa Clara	96

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Shasta	1
	Solano	<1
	Sonoma	8
	Stanislaus	<1
	Sutter	<1
	Tehama	<1
	Total	314
MCPP, diethanolamine salt	Kern	<1
	Total	<1
MCPP, dimethylamine salt	Alameda	193
	Amador	<1
	Butte	69
	Calaveras	12
	Contra Costa	204
	El Dorado	3
	Fresno	468
	Glenn	41
	Humboldt	55
	Imperial	2
	Inyo	9
	Kern	1,700
	Kings	121
	Lake	2
	Los Angeles	733
	Madera	14
	Marin	5
	Mariposa	<1
	Mendocino	2
	Merced	210
	Monterey	535
	Napa	<1
	Nevada	<1
	Orange	1,009
	Placer	25
	Riverside	331
	Sacramento	156
	San Benito	<1
	San Bernardino	241
	San Diego	219
	San Francisco	24
	San Joaquin	122
	San Luis Obispo	62
	San Mateo	45
	Santa Barbara	35
	Santa Clara	182
	Santa Cruz	13
	Shasta	28
	Siskiyou	1

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Solano	3
	Sonoma	47
	Stanislaus	19
	Sutter	22
	Tulare	111
	Tuolumne	3
	Ventura	425
	Yolo	20
	Yuba	2
	<b>Total</b>	<b>7,525</b>
MCPP, potassium salt	Alameda	30
	Butte	<1
	Calaveras	311
	Contra Costa	5
	Fresno	102
	Kern	1
	Kings	<1
	Los Angeles	475
	Madera	11
	Marin	30
	Merced	<1
	Monterey	1
	Napa	5
	Orange	153
	Placer	5
	Riverside	167
	Sacramento	84
	San Bernardino	2
	San Diego	486
	San Francisco	1
	San Joaquin	191
	San Mateo	29
	Santa Barbara	94
	Santa Clara	41
	Shasta	7
	Solano	103
	Sonoma	293
	Stanislaus	21
	Tehama	<1
	Tulare	3
	Ventura	7
	Yolo	5
	<b>Total</b>	<b>2,667</b>
Mecoprop-p	Alameda	7
	Butte	1
	Calaveras	<1
	Colusa	<1
	Contra Costa	22

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	El Dorado	<1
	Fresno	<1
	Glenn	<1
	Kern	10
	Kings	<1
	Los Angeles	82
	Madera	9
	Marin	2
	Mendocino	2
	Merced	2
	Monterey	14
	Napa	2
	Nevada	<1
	Orange	110
	Placer	8
	Riverside	29
	Sacramento	12
	San Benito	<1
	San Bernardino	32
	San Diego	15
	San Francisco	1
	San Joaquin	6
	San Luis Obispo	10
	San Mateo	3
	Santa Barbara	2
	Santa Clara	10
	Shasta	1
	Solano	5
	Sonoma	10
	Stanislaus	10
	Sutter	<1
	Tehama	<1
	Tulare	<1
	Tuolumne	<1
	Ventura	18
	Yolo	5
	Yuba	<1
	Total	447
Mepiquat chloride	Butte	2
	Colusa	58
	Fresno	12,288
	Glenn	54
	Imperial	251
	Kern	4,981
	Kings	3,760
	Madera	574
	Merced	3,372
	Riverside	524
	San Joaquin	7

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Sutter	5
	Tulare	2,188
	Yolo	<1
	Total	28,066
Metalaxyl	Alameda	12
	Butte	4
	Contra Costa	64
	Del Norte	25
	El Dorado	2
	Fresno	70
	Glenn	<1
	Humboldt	<1
	Imperial	38
	Kern	784
	Kings	740
	Los Angeles	151
	Madera	<1
	Marin	3
	Merced	13
	Monterey	207
	Napa	1
	Orange	20
	Plumas	48
	Riverside	226
	Sacramento	<1
	San Benito	<1
	San Bernardino	18
	San Diego	77
	San Francisco	<1
	San Joaquin	22
	San Luis Obispo	4
	San Mateo	17
	Santa Barbara	136
	Santa Clara	35
	Santa Cruz	33
	Shasta	1
	Sonoma	178
	Stanislaus	18
	Sutter	21
	Tulare	9
	Tuolumne	3
	Ventura	263
	Yolo	<1
	Yuba	<1
	Total	3,245
Metaldehyde	Alameda	484
	Butte	7
	Calaveras	3

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Contra Costa	294
	Del Norte	<1
	El Dorado	4
	Fresno	795
	Glenn	<1
	Humboldt	55
	Kern	973
	Kings	5
	Lake	<1
	Los Angeles	2,645
	Madera	253
	Marin	7
	Merced	61
	Monterey	5,159
	Napa	6
	Nevada	<1
	Orange	5,018
	Placer	14
	Plumas	<1
	Riverside	994
	Sacramento	587
	San Benito	124
	San Bernardino	587
	San Diego	8,773
	San Francisco	24
	San Joaquin	154
	San Luis Obispo	604
	San Mateo	1,335
	Santa Barbara	1,307
	Santa Clara	868
	Santa Cruz	1,010
	Shasta	<1
	Solano	626
	Sonoma	71
	Stanislaus	216
	Sutter	2
	Tehama	<1
	Tulare	8,731
	Tuolumne	<1
	Ventura	17,849
	Yolo	4
	Yuba	2
	<b>Total</b>	<b>59,654</b>
<b>Methamidophos</b>	Colusa	96
	Fresno	11,711
	Imperial	1,610
	Kern	3,016
	Kings	939
	Los Angeles	378



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Merced	868
	Modoc	3,437
	Sacramento	431
	San Diego	882
	San Joaquin	1,063
	San Luis Obispo	74
	San Mateo	56
	Santa Barbara	660
	Santa Clara	<1
	Siskiyou	1,314
	Solano	1,023
	Stanislaus	708
	Sutter	1,541
	Ventura	97
	Yolo	7,083
	Total	36,987
Methidathion	Butte	875
	Colusa	353
	Fresno	5,881
	Glenn	905
	Imperial	186
	Kern	14,128
	Kings	1,455
	Lassen	200
	Los Angeles	<1
	Madera	1,784
	Merced	2,744
	Monterey	4,851
	Placer	40
	Riverside	64
	San Joaquin	3,374
	San Luis Obispo	<1
	Santa Barbara	7
	Santa Cruz	13
	Shasta	1,286
	Stanislaus	2,973
	Sutter	1,969
	Tehama	1,077
	Tulare	9,518
	Yolo	131
	Yuba	863
	Total	54,678
Methiocarb	Contra Costa	16
	Del Norte	<1
	El Dorado	<1
	Fresno	<1
	Humboldt	4
	Kern	7

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Los Angeles	319
	Monterey	86
	Orange	448
	Riverside	18
	Sacramento	<1
	San Bernardino	34
	San Diego	393
	San Joaquin	<1
	San Luis Obispo	37
	San Mateo	459
	Santa Barbara	108
	Santa Clara	69
	Santa Cruz	68
	Stanislaus	95
	Ventura	118
	Total	2,280
Methomyl	Alameda	<1
	Butte	317
	Colusa	3,998
	Contra Costa	6,101
	El Dorado	11
	Fresno	110,933
	Glenn	2,031
	Humboldt	<1
	Imperial	43,202
	Kern	16,183
	Kings	14,317
	Los Angeles	396
	Madera	9,621
	Marin	<1
	Mendocino	10
	Merced	39,063
	Modoc	69
	Monterey	52,828
	Napa	<1
	Nevada	<1
	Orange	823
	Placer	2
	Riverside	8,348
	Sacramento	1,123
	San Benito	3,752
	San Bernardino	9
	San Diego	1,432
	San Francisco	<1
	San Joaquin	11,576
	San Luis Obispo	2,288
	San Mateo	<1
	Santa Barbara	4,192
	Santa Clara	1,800

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Santa Cruz	3,862
	Shasta	94
	Solano	3,378
	Sonoma	20
	Stanislaus	8,807
	Sutter	1,071
	Tehama	475
	Tulare	12,056
	Ventura	5,932
	Yolo	1,796
	Total	371,916
Methoxyfenozide	El Dorado	5
	Fresno	69
	Kern	46
	Lake	503
	Mendocino	35
	Monterey	5
	Riverside	5
	Sacramento	159
	Sutter	<1
	Tulare	5
	Yolo	29
	Total	861
Methyl isothiocyanate	Del Norte	176
	Lassen	23
	Modoc	9
	Placer	23
	Plumas	178
	Sierra	89
	Siskiyou	49
	Total	547
Methyl parathion	Alameda	67
	Butte	3,862
	Colusa	57
	Contra Costa	3,899
	Fresno	3,823
	Glenn	571
	Kern	958
	Kings	8,753
	Lake	<1
	Lassen	23
	Los Angeles	257
	Merced	988
	Napa	<1
	Orange	<1
	San Benito	5
	San Diego	12

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Joaquin	15,563
	Solano	758
	Stanislaus	13,557
	Sutter	2,555
	Tulare	16,468
	Ventura	8
	Yolo	287
	Yuba	863
	Total	73,337
Metiram	Monterey	<1
	Total	<1
Metolachlor	Alameda	2
	Contra Costa	840
	Del Norte	145
	Fresno	3
	Humboldt	167
	Kern	129
	Kings	254
	Los Angeles	4
	Merced	177
	Monterey	187
	Orange	28
	Riverside	160
	Sacramento	38
	San Bernardino	93
	San Diego	8
	San Joaquin	253
	San Luis Obispo	74
	Solano	5
	Stanislaus	26
	Tulare	476
Ventura	2	
Total	3,071	
Metribuzin	Alameda	4
	Butte	26
	Colusa	555
	Contra Costa	822
	Fresno	37
	Glenn	15
	Imperial	374
	Kern	297
	Lassen	295
	Los Angeles	2
	Madera	78
	Merced	1,204
	Modoc	3,776
	Monterey	83

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>	
	Orange	9	
	Riverside	439	
	Sacramento	504	
	San Benito	1,056	
	San Bernardino	8	
	San Diego	177	
	San Joaquin	3,691	
	Santa Barbara	463	
	Santa Clara	9	
	Shasta	303	
	Sierra	63	
	Siskiyou	3,966	
	Solano	953	
	Stanislaus	1,247	
	Sutter	1,166	
	Ventura	2	
	Yolo	5,058	
		<b>Total</b>	<b>26,681</b>
	Mevinphos	Monterey	1
Santa Barbara		12	
Siskiyou		4	
Ventura		96	
		<b>Total</b>	<b>114</b>
Molinate	Butte	135,857	
	Colusa	64,318	
	Fresno	2,266	
	Glenn	88,453	
	Madera	382	
	Merced	6,605	
	Placer	23,433	
	Sacramento	1,641	
	San Diego	<1	
	San Joaquin	2,888	
	Stanislaus	1,162	
	Sutter	123,264	
	Yolo	31,441	
	Yuba	58,159	
	<b>Total</b>	<b>539,871</b>	
MSMA	Alameda	105	
	Amador	32	
	Butte	234	
	Calaveras	17	
	Colusa	24	
	Contra Costa	107	
	El Dorado	62	
	Fresno	3,960	
	Glenn	712	

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Humboldt	16
	Imperial	12,644
	Inyo	<1
	Kern	8,549
	Kings	7,069
	Lake	128
	Los Angeles	662
	Madera	115
	Marin	34
	Mariposa	<1
	Mendocino	<1
	Merced	4,444
	Monterey	248
	Napa	132
	Nevada	35
	Orange	1,399
	Placer	456
	Riverside	2,715
	Sacramento	2,097
	San Benito	24
	San Bernardino	446
	San Diego	517
	San Joaquin	237
	San Luis Obispo	98
	San Mateo	143
	Santa Barbara	215
	Santa Clara	404
	Shasta	722
	Solano	21
	Sonoma	146
	Stanislaus	256
	Sutter	699
	Tehama	2
	Tulare	870
	Tuolumne	22
	Ventura	35
	Yolo	59
	Yuba	19
	Total	50,930
Napropamide	Alameda	7
	Amador	135
	Butte	47
	Calaveras	50
	Colusa	1,937
	Contra Costa	9
	Del Norte	730
	El Dorado	52
	Fresno	1,768
	Glenn	214

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Humboldt	14
	Imperial	1,107
	Kern	2,642
	Kings	273
	Lake	16
	Los Angeles	15
	Madera	121
	Marin	76
	Mendocino	68
	Merced	830
	Monterey	1,411
	Napa	911
	Orange	230
	Riverside	204
	Sacramento	138
	San Benito	1,539
	San Bernardino	6
	San Diego	127
	San Joaquin	2,342
	San Luis Obispo	1,132
	San Mateo	20
	Santa Barbara	3,062
	Santa Clara	2,570
	Santa Cruz	968
	Solano	1,981
	Sonoma	826
	Stanislaus	1,879
	Sutter	2,128
	Tehama	60
	Tulare	774
	Ventura	2,484
	Yolo	1,865
	Yuba	3,082
	Total	39,850
Nicosulfuron	Butte	<1
	Contra Costa	1
	Fresno	13
	Glenn	40
	Kern	16
	Kings	4
	Madera	11
	Merced	412
	Sacramento	157
	San Joaquin	256
	Stanislaus	399
	Tehama	6
	Tulare	108
	Yolo	8
	Total	1,432

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
Nitrapyrin	Fresno	117
	Total	117
Norflurazon	Alameda	2,030
	Butte	3,765
	Colusa	157
	Contra Costa	144
	Fresno	13,471
	Glenn	3,234
	Imperial	1,558
	Kern	12,674
	Kings	4,825
	Lake	466
	Los Angeles	710
	Madera	12,311
	Marin	57
	Mendocino	196
	Merced	12,318
	Monterey	1,487
	Napa	216
	Nevada	40
	Placer	77
	Riverside	5,993
	Sacramento	917
	San Benito	50
	San Bernardino	3,990
	San Joaquin	10,220
	San Luis Obispo	264
	San Mateo	62
	Santa Barbara	427
	Santa Clara	13
	Siskiyou	18
	Solano	2,572
	Sonoma	528
	Stanislaus	19,349
	Sutter	1,746
	Tehama	738
Tulare	27,860	
Tuolumne	16	
Ventura	678	
Yolo	1,578	
Yuba	153	
Total	146,906	
Oryzalin	Alameda	5,478
	Amador	557
	Butte	8,959
	Calaveras	899
	Colusa	4,674



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Contra Costa	2,498
	Del Norte	203
	El Dorado	4,397
	Fresno	39,302
	Glenn	7,847
	Humboldt	89
	Inyo	<1
	Kern	61,204
	Kings	16,368
	Lake	1,645
	Lassen	24
	Los Angeles	9,313
	Madera	36,473
	Marin	582
	Mariposa	29
	Mendocino	2,320
	Merced	20,711
	Monterey	17,847
	Napa	9,552
	Nevada	284
	Orange	8,606
	Placer	968
	Plumas	98
	Riverside	7,015
	Sacramento	7,994
	San Benito	1,754
	San Bernardino	1,889
	San Diego	7,518
	San Francisco	82
	San Joaquin	31,304
	San Luis Obispo	19,888
	San Mateo	1,248
	Santa Barbara	3,397
	Santa Clara	3,787
	Santa Cruz	48
	Shasta	1,194
	Sierra	8
	Siskiyou	22
	Solano	2,891
	Sonoma	10,376
	Stanislaus	22,021
	Sutter	4,817
	Tehama	1,747
	Tulare	35,495
	Tuolumne	290
	Ventura	1,461
	Yolo	3,098
	Yuba	2,331
	Total	432,607

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
Oxydemeton-methyl	Amador	<1
	Butte	55
	Calaveras	3
	Colusa	23
	Contra Costa	781
	El Dorado	<1
	Fresno	3,703
	Imperial	240
	Kern	327
	Los Angeles	326
	Madera	4
	Mariposa	2
	Merced	145
	Monterey	59,268
	Orange	174
	Riverside	111
	Sacramento	16
	San Benito	1,616
	San Bernardino	7
	San Diego	43
	San Joaquin	241
	San Luis Obispo	7,398
	San Mateo	448
	Santa Barbara	14,597
	Santa Clara	731
	Santa Cruz	1,930
	Shasta	<1
	Solano	87
	Stanislaus	143
	Sutter	52
	Tuolumne	<1
	Ventura	1,484
Yolo	40	
Yuba	25	
	<b>Total</b>	<b>94,022</b>
Paraquat dichloride	Alameda	1,055
	Amador	221
	Butte	6,552
	Calaveras	91
	Colusa	2,816
	Contra Costa	1,907
	El Dorado	60
	Fresno	187,615
	Glenn	16,129
	Imperial	2,207
	Inyo	52
	Kern	240,819
	Kings	106,734
	Lake	148

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Lassen	4,388
	Los Angeles	948
	Madera	52,507
	Mendocino	339
	Merced	69,987
	Modoc	2,212
	Monterey	29,506
	Napa	855
	Orange	753
	Placer	145
	Plumas	520
	Riverside	10,606
	Sacramento	13,749
	San Benito	1,019
	San Bernardino	1,091
	San Diego	169
	San Joaquin	53,605
	San Luis Obispo	13,888
	Santa Barbara	5,135
	Santa Clara	1,381
	Santa Cruz	784
	Shasta	1,920
	Sierra	104
	Siskiyou	5,347
	Solano	14,370
	Sonoma	1,325
	Stanislaus	35,214
	Sutter	5,588
	Tehama	6,372
	Tulare	97,165
	Ventura	2,785
	Yolo	16,985
	Yuba	1,156
	Total	1,018,326
Parathion	Fresno	150
	Kern	138
	Lake	10
	Los Angeles	7
	Madera	60
	Monterey	13
	Riverside	131
	San Benito	24
	San Diego	<1
	San Joaquin	<1
	Santa Clara	3
	Tehama	23
	Ventura	60
	Total	621

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
Pebulate	Fresno	14,522
	Kern	2,451
	Kings	1,566
	Madera	1,322
	Merced	8,049
	Monterey	513
	Orange	14
	Sacramento	338
	San Benito	59
	San Joaquin	388
	Santa Clara	543
	Solano	307
	Stanislaus	1,571
	Sutter	114
	Yolo	3,998
		<b>Total</b>
Phenmedipham	Fresno	1,225
	Imperial	2,130
	Kern	132
	Kings	3
	Los Angeles	3
	Madera	22
	Merced	69
	Monterey	62
	Orange	<1
	San Benito	17
	San Joaquin	107
	Stanislaus	1,219
	Tulare	32
		<b>Total</b>
Phorate	Del Norte	3,282
	Fresno	9,466
	Glenn	351
	Imperial	3,604
	Kern	7,451
	Kings	7,535
	Madera	584
	Merced	3,730
	Riverside	11,256
	Sacramento	4,493
	San Benito	98
	San Joaquin	6,056
	San Luis Obispo	24
	Santa Barbara	314
	Tulare	6,704
	<b>Total</b>	<b>64,947</b>
Phosmet	Butte	9,137

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Calaveras	8
	Colusa	67
	Contra Costa	2,310
	El Dorado	192
	Fresno	78,477
	Glenn	4,001
	Kern	72,452
	Kings	12,009
	Los Angeles	1,948
	Madera	7,916
	Mendocino	265
	Merced	4,183
	Modoc	17
	Monterey	3
	Napa	88
	Nevada	46
	Orange	74
	Placer	513
	Riverside	129
	Sacramento	11,657
	San Benito	789
	San Bernardino	123
	San Diego	512
	San Joaquin	20,305
	San Luis Obispo	1,393
	San Mateo	8
	Santa Barbara	762
	Santa Clara	85
	Santa Cruz	2,003
	Shasta	1
	Siskiyou	2
	Solano	641
	Sonoma	3,587
	Stanislaus	16,338
	Sutter	3,459
	Tehama	3,448
	Tulare	68,984
	Tuolumne	271
	Yolo	5,291
	Yuba	8,324
	Total	341,816
Phosphamidon	Butte	4
	Sutter	43
	Total	47
Piperalin	Madera	4
	Monterey	204
	Orange	19
	Riverside	<1

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Diego	210
	San Joaquin	6
	San Luis Obispo	423
	San Mateo	33
	Santa Barbara	450
	Santa Clara	65
	Santa Cruz	624
	Ventura	179
	Yolo	<1
	Total	2,218
Piperonyl butoxide	Alameda	426
	Alpine	1
	Amador	6
	Butte	276
	Calaveras	30
	Colusa	237
	Contra Costa	2,411
	Del Norte	11
	El Dorado	31
	Fresno	1,084
	Glenn	214
	Humboldt	11
	Imperial	484
	Inyo	87
	Kern	1,922
	Kings	83
	Lake	174
	Lassen	2
	Los Angeles	4,516
	Madera	535
	Marin	133
	Mariposa	12
	Mendocino	11
	Merced	3,540
	Modoc	<1
	Mono	15
	Monterey	337
	Napa	115
	Nevada	13
	Orange	2,372
	Placer	61
	Plumas	3
	Riverside	754
	Sacramento	262
	San Benito	10
	San Bernardino	1,528
	San Diego	2,169
	San Francisco	142
	San Joaquin	2,094

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Luis Obispo	89
	San Mateo	117
	Santa Barbara	73
	Santa Clara	228
	Santa Cruz	132
	Shasta	383
	Sierra	<1
	Siskiyou	1
	Solano	323
	Sonoma	85
	Stanislaus	576
	Sutter	843
	Tehama	49
	Trinity	<1
	Tulare	340
	Tuolumne	43
	Ventura	5,824
	Yolo	253
	Yuba	376
	Total	35,846
Profenofos	Fresno	4,780
	Imperial	260
	Kern	2,938
	Kings	4,219
	Merced	30
	Riverside	566
	Tulare	79
	Total	12,871
Prohexadione calcium	El Dorado	<1
	Los Angeles	6
	Mendocino	1
	San Benito	5
	San Joaquin	57
	Santa Cruz	51
	Stanislaus	31
	Sutter	1
	Total	153
Prometon	Kern	<1
	Los Angeles	<1
	San Bernardino	<1
	San Diego	<1
	San Joaquin	<1
	Santa Barbara	<1
	Total	2
Prometryn	Fresno	74,634
	Imperial	963

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Kern	25,657
	Kings	25,388
	Los Angeles	16
	Merced	16,853
	Monterey	7,774
	Orange	2
	Riverside	3,819
	Sacramento	<1
	San Benito	556
	San Joaquin	763
	San Luis Obispo	1,004
	Santa Barbara	4,657
	Santa Clara	125
	Santa Cruz	117
	Stanislaus	1,037
	Tulare	9,143
	Ventura	11,981
	Total	184,488
Propamocarb hydrochloride	Fresno	10
	Kern	56
	Monterey	8
	Stanislaus	9
	Total	83
Propanil	Butte	236,917
	Colusa	419,759
	Fresno	7,451
	Glenn	264,076
	Merced	10,109
	Placer	29,772
	Sacramento	34,488
	San Joaquin	16,857
	Stanislaus	8,286
	Sutter	213,892
	Yolo	70,997
	Yuba	70,804
	Total	1,383,409
Propiconazole	Alameda	71
	Amador	4
	Butte	231
	Calaveras	<1
	Colusa	70
	Contra Costa	743
	El Dorado	36
	Fresno	3,519
	Glenn	218
	Humboldt	4
	Imperial	23



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Inyo	8
	Kern	1,504
	Kings	490
	Lake	<1
	Los Angeles	869
	Madera	371
	Marin	118
	Merced	700
	Modoc	14
	Mono	3
	Monterey	411
	Napa	39
	Nevada	24
	Orange	686
	Placer	89
	Plumas	14
	Riverside	232
	Sacramento	541
	San Benito	69
	San Bernardino	52
	San Diego	4,050
	San Francisco	106
	San Joaquin	292
	San Luis Obispo	251
	San Mateo	185
	Santa Barbara	724
	Santa Clara	153
	Santa Cruz	20
	Shasta	7
	Solano	894
	Sonoma	74
	Stanislaus	1,048
	Sutter	981
	Tehama	121
	Tulare	2,003
	Tuolumne	<1
	Ventura	2,371
	Yolo	166
	Yuba	459
	Total	25,057
Propyzamide	Alameda	20
	Butte	50
	Colusa	42
	Fresno	13,402
	Glenn	232
	Imperial	6,616
	Kern	575
	Kings	104
	Lassen	99

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Los Angeles	200
	Madera	151
	Merced	382
	Monterey	46,633
	Orange	48
	Riverside	2,842
	Sacramento	352
	San Benito	7,957
	San Bernardino	139
	San Diego	366
	San Joaquin	82
	San Luis Obispo	5,438
	Santa Barbara	13,171
	Santa Clara	655
	Santa Cruz	713
	Sonoma	29
	Stanislaus	811
	Tulare	159
	Ventura	3,909
	Yolo	154
	Yuba	2
	<b>Total</b>	<b>105,331</b>
<b>Pymetrozine</b>	Butte	3
	Contra Costa	45
	Del Norte	8
	El Dorado	<1
	Fresno	45
	Glenn	31
	Humboldt	32
	Imperial	114
	Kern	17
	Los Angeles	25
	Madera	3
	Marin	<1
	Merced	9
	Modoc	35
	Monterey	530
	Napa	<1
	Orange	188
	Placer	<1
	Riverside	14
	Sacramento	5
	San Benito	20
	San Diego	162
	San Joaquin	102
	San Luis Obispo	85
	San Mateo	20
	Santa Barbara	536
	Santa Clara	18

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Santa Cruz	92
	Siskiyou	46
	Sonoma	17
	Stanislaus	27
	Tulare	79
	Ventura	138
	Yolo	9
	Total	2,455
Pyraclostrobin	Butte	37
	Calaveras	23
	Colusa	604
	Contra Costa	8
	Fresno	2,796
	Glenn	59
	Imperial	306
	Kern	4,413
	Kings	917
	Los Angeles	119
	Madera	1,720
	Merced	2,034
	Monterey	2,042
	Orange	293
	Riverside	307
	Sacramento	46
	San Benito	339
	San Bernardino	8
	San Diego	119
	San Joaquin	1,907
	San Luis Obispo	307
	San Mateo	4
	Santa Barbara	1,362
	Santa Clara	150
	Santa Cruz	586
	Shasta	<1
	Siskiyou	2
	Solano	2
	Sonoma	2
	Stanislaus	880
	Sutter	379
	Tulare	376
	Ventura	1,696
	Yolo	219
	Yuba	43
	Total	24,106
Pyrazon	Fresno	5,384
	Humboldt	18
	Kern	218
	Kings	1,745

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Monterey	33
	Tulare	24
	Total	7,423
Pyridate	Merced	121
	Modoc	131
	Sacramento	52
	Shasta	161
	Siskiyou	273
	Yolo	35
	Total	775
Pyrithiobac-sodium	Butte	<1
	Colusa	3
	Fresno	1,649
	Glenn	3
	Kern	270
	Kings	484
	Madera	38
	Merced	283
	Riverside	6
	Tulare	442
Total	3,178	
Quinclorac	Alameda	85
	Butte	2
	Calaveras	17
	Contra Costa	100
	El Dorado	2
	Fresno	2
	Humboldt	11
	Kern	5
	Los Angeles	121
	Madera	8
	Marin	79
	Monterey	118
	Napa	3
	Nevada	<1
	Orange	106
	Placer	38
	Riverside	122
	Sacramento	33
	San Bernardino	38
	San Diego	127
	San Francisco	53
	San Joaquin	44
	San Luis Obispo	23
	San Mateo	39
Santa Barbara	36	
Santa Clara	305	

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Shasta	<1
	Solano	2
	Sonoma	126
	Stanislaus	4
	Sutter	<1
	Tulare	<1
	Ventura	71
	Yolo	<1
	Total	1,716
Rimsulfuron	Colusa	87
	Contra Costa	18
	Fresno	576
	Glenn	<1
	Kern	48
	Kings	105
	Madera	7
	Merced	27
	Modoc	101
	Orange	<1
	Riverside	74
	Sacramento	13
	San Benito	5
	San Diego	15
	San Joaquin	151
	Santa Barbara	8
	Santa Clara	1
	Siskiyou	54
	Solano	79
	Stanislaus	95
	Sutter	24
	Tulare	2
	Ventura	<1
	Yolo	150
	Total	1,641
(S)-metolachlor	Butte	785
	Colusa	5,474
	Contra Costa	4,066
	Fresno	84,800
	Glenn	2,174
	Humboldt	23
	Imperial	320
	Kern	13,681
	Kings	54,549
	Los Angeles	539
	Madera	1,891
	Merced	26,380
	Monterey	5,143
	Orange	259

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Placer	495
	Riverside	131
	Sacramento	4,149
	San Benito	581
	San Bernardino	8
	San Diego	21
	San Joaquin	33,165
	San Luis Obispo	1,299
	Santa Barbara	799
	Santa Clara	1,114
	Solano	3,935
	Sonoma	5
	Stanislaus	24,258
	Sutter	3,893
	Tehama	31
	Tulare	4,909
	Ventura	630
	Yolo	11,940
	<b>Total</b>	<b>291,447</b>
Sethoxydim	Alameda	30
	Butte	102
	Calaveras	<1
	Colusa	466
	Contra Costa	558
	El Dorado	1
	Fresno	2,824
	Glenn	1,020
	Humboldt	<1
	Imperial	4,723
	Kern	1,309
	Kings	2,327
	Lassen	<1
	Los Angeles	21
	Madera	1,240
	Mariposa	<1
	Mendocino	12
	Merced	1,901
	Modoc	11
	Monterey	45
	Napa	16
	Nevada	<1
	Orange	5
	Placer	13
	Riverside	156
	Sacramento	392
	San Benito	86
	San Bernardino	<1
	San Diego	128
	San Joaquin	2,276

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	San Luis Obispo	9
	San Mateo	3
	Santa Barbara	34
	Santa Clara	43
	Santa Cruz	1
	Shasta	29
	Siskiyou	48
	Solano	633
	Sonoma	231
	Stanislaus	690
	Sutter	220
	Tehama	217
	Tulare	1,810
	Tuolumne	<1
	Ventura	34
	Yolo	1,207
	Yuba	13
	<b>Total</b>	<b>24,886</b>
<b>Siduron</b>	Fresno	1,232
	Glenn	92
	Humboldt	<1
	Kern	377
	Kings	16
	Los Angeles	516
	Madera	202
	Orange	1
	Placer	55
	Riverside	2,760
	Sacramento	12
	San Benito	158
	San Diego	552
	San Joaquin	156
	Shasta	216
	Stanislaus	152
	Tulare	16
	Tuolumne	8
	Yolo	17
	<b>Total</b>	<b>6,535</b>
<b>Simazine</b>	Alameda	1,511
	Amador	884
	Butte	10,549
	Calaveras	921
	Colusa	1,444
	Contra Costa	1,847
	El Dorado	855
	Fresno	111,724
	Glenn	3,839
	Humboldt	95

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Kern	57,591
	Kings	4,692
	Lake	2,381
	Los Angeles	1,256
	Madera	51,167
	Marin	99
	Mariposa	39
	Mendocino	2,416
	Merced	16,497
	Monterey	15,573
	Napa	7,799
	Nevada	100
	Orange	1,286
	Placer	68
	Riverside	13,817
	Sacramento	20,502
	San Benito	721
	San Bernardino	10,182
	San Diego	10,980
	San Francisco	14
	San Joaquin	48,053
	San Luis Obispo	15,877
	San Mateo	51
	Santa Barbara	5,748
	Santa Clara	2,755
	Santa Cruz	504
	Shasta	245
	Sierra	20
	Siskiyou	1
	Solano	2,436
	Sonoma	22,598
	Stanislaus	37,141
	Sutter	2,107
	Tehama	4,805
	Tulare	175,931
	Tuolumne	1,849
	Ventura	6,535
	Yolo	4,506
	Yuba	1,242
	Total	683,251
Sulfometuron methyl	Alameda	3,064
	Alpine	3
	Amador	12
	Butte	108
	Calaveras	1,123
	Colusa	24
	Contra Costa	1,312
	Del Norte	54
	El Dorado	22



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Fresno	3,290
	Glenn	46
	Humboldt	563
	Imperial	12
	Kern	553
	Kings	27
	Lake	13
	Lassen	70
	Los Angeles	1,614
	Madera	43
	Marin	9
	Mariposa	19
	Mendocino	19
	Merced	81
	Modoc	37
	Monterey	37
	Napa	90
	Nevada	21
	Orange	273
	Placer	71
	Plumas	40
	Riverside	707
	Sacramento	163
	San Benito	5
	San Bernardino	1,569
	San Diego	218
	San Francisco	3
	San Joaquin	169
	San Luis Obispo	39
	San Mateo	39
	Santa Barbara	1,019
	Santa Clara	95
	Santa Cruz	5
	Shasta	39
	Sierra	2
	Siskiyou	124
	Solano	76
	Sonoma	27
	Stanislaus	137
	Sutter	34
	Tehama	147
	Tulare	60
	Tuolumne	58
	Ventura	37
	Yolo	76
	Yuba	35
	<b>Total</b>	<b>17,533</b>
Tebuconazole	Alameda	421
	Amador	102

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Butte	238
	Calaveras	18
	Colusa	37
	El Dorado	<1
	Fresno	7,741
	Glenn	18
	Imperial	355
	Kern	5,745
	Kings	1,149
	Lake	87
	Los Angeles	5
	Madera	1,956
	Marin	2
	Mendocino	73
	Merced	510
	Monterey	1,237
	Napa	2,634
	Placer	1
	Riverside	706
	Sacramento	758
	San Benito	48
	San Diego	38
	San Joaquin	2,741
	San Luis Obispo	2,679
	Santa Barbara	1,558
	Santa Clara	26
	Santa Cruz	38
	Siskiyou	<1
	Solano	70
	Sonoma	1,967
	Stanislaus	665
	Sutter	227
	Tulare	6,679
	Ventura	<1
	Yolo	176
	Yuba	144
	Total	40,849
Tebufenozide	Alameda	21
	Butte	157
	Colusa	840
	Contra Costa	152
	Fresno	26,379
	Glenn	147
	Imperial	40
	Kern	14,556
	Kings	10,029
	Lake	528
	Los Angeles	<1
	Madera	5,980

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Mendocino	347
	Merced	6,831
	Monterey	6,610
	Napa	12
	Orange	10
	Riverside	55
	Sacramento	1,633
	San Benito	275
	San Diego	2
	San Joaquin	4,361
	San Luis Obispo	320
	Santa Barbara	453
	Santa Clara	336
	Santa Cruz	342
	Solano	214
	Stanislaus	3,736
	Sutter	324
	Tehama	241
	Tulare	7,033
	Ventura	924
	Yolo	506
	Yuba	380
	<b>Total</b>	<b>93,778</b>
<b>Tebuthiuron</b>	Alameda	222
	Butte	63
	Contra Costa	134
	Fresno	79
	Glenn	19
	Imperial	2
	Kern	710
	Kings	107
	Los Angeles	1,728
	Madera	97
	Merced	31
	Monterey	28
	Orange	665
	Riverside	1,022
	Sacramento	853
	San Bernardino	1,144
	San Diego	3,137
	San Joaquin	59
	San Luis Obispo	74
	Santa Barbara	20
	Santa Cruz	7
	Solano	8
	Stanislaus	2
	Sutter	151
	Tehama	3
	Tulare	19

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Tuolumne	32
	Ventura	66
	Yolo	13
	Total	10,498
Terbutryn	Monterey	<1
	Total	<1
Terrazole	Monterey	217
	Napa	8
	Riverside	<1
	San Diego	2
	San Luis Obispo	72
	San Mateo	258
	Santa Barbara	<1
	Santa Clara	<1
	Santa Cruz	16
	Ventura	<1
	Total	575
Thiamethoxam	Butte	2
	Colusa	118
	Fresno	3,739
	Glenn	35
	Imperial	71
	Kern	1,265
	Kings	3,003
	Lake	44
	Los Angeles	84
	Madera	129
	Mendocino	34
	Merced	526
	Monterey	48
	Orange	24
	Riverside	167
	Sacramento	2
	San Benito	59
	San Diego	<1
	San Joaquin	149
	Santa Clara	47
	Solano	<1
	Stanislaus	46
	Sutter	15
	Tulare	379
	Ventura	88
	Yolo	181
	Yuba	62
	Total	10,315
Thiazopyr	Amador	2

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Colusa	34
	Fresno	139
	Kern	137
	Madera	86
	Merced	92
	Monterey	2
	Napa	6
	San Joaquin	27
	Santa Barbara	2
	Solano	29
	Sonoma	1
	Stanislaus	<1
	Tulare	97
	Yolo	91
	Total	746
Thiobencarb	Butte	105,877
	Colusa	189,355
	Fresno	12,005
	Glenn	49,634
	Merced	8,215
	Placer	4,128
	Sacramento	19,274
	San Diego	<1
	San Joaquin	10,171
	Santa Barbara	1
	Stanislaus	5,367
	Sutter	103,302
	Yolo	59,263
	Yuba	26,097
	Total	592,690
Thiophanate-methyl	Alameda	295
	Amador	<1
	Butte	482
	Calaveras	18
	Colusa	314
	Contra Costa	989
	Del Norte	162
	El Dorado	18
	Fresno	2,646
	Glenn	3,629
	Humboldt	478
	Imperial	691
	Kern	17,408
	Kings	486
	Lake	15
	Los Angeles	3,787
	Madera	16,070
	Marin	88

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Mendocino	13
	Merced	9,205
	Monterey	6,350
	Napa	625
	Nevada	57
	Orange	6,700
	Placer	202
	Riverside	6,700
	Sacramento	705
	San Benito	370
	San Bernardino	515
	San Diego	11,336
	San Francisco	97
	San Joaquin	5,023
	San Luis Obispo	1,713
	San Mateo	2,564
	Santa Barbara	5,597
	Santa Clara	878
	Santa Cruz	1,284
	Shasta	112
	Siskiyou	<1
	Solano	1,603
	Sonoma	234
	Stanislaus	6,163
	Sutter	207
	Tehama	647
	Tulare	5,629
	Tuolumne	14
	Ventura	4,123
	Yolo	202
	Yuba	15
	Total	126,457
Tralkoxydim	Kern	38
	Riverside	9
	Total	47
Triadimefon	Alameda	20
	Butte	16
	Calaveras	<1
	Colusa	<1
	Contra Costa	55
	Del Norte	10
	El Dorado	7
	Fresno	24
	Humboldt	32
	Imperial	<1
	Inyo	<1
	Kern	4
	Kings	<1

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Los Angeles	189
	Madera	<1
	Marin	6
	Mendocino	<1
	Monterey	83
	Napa	35
	Nevada	<1
	Orange	197
	Placer	<1
	Plumas	51
	Riverside	547
	Sacramento	17
	San Benito	2
	San Bernardino	4
	San Diego	70
	San Francisco	3
	San Joaquin	21
	San Luis Obispo	60
	San Mateo	31
	Santa Barbara	44
	Santa Clara	19
	Santa Cruz	109
	Shasta	7
	Solano	5
	Sonoma	8
	Stanislaus	<1
	Sutter	<1
	Tulare	7
	Tuolumne	3
	Ventura	79
	Yolo	1
	Total	1,771
Triclopyr, butoxyethyl ester	Alameda	5,479
	Alpine	8
	Amador	221
	Butte	1,906
	Calaveras	515
	Colusa	79
	Contra Costa	2,345
	Del Norte	2,120
	El Dorado	1,830
	Fresno	1,179
	Glenn	159
	Humboldt	11,162
	Imperial	5
	Inyo	367
	Kern	708
	Kings	29
	Lake	108

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Lassen	135
	Los Angeles	4,847
	Madera	324
	Marin	513
	Mariposa	100
	Mendocino	1,951
	Merced	111
	Modoc	4
	Monterey	1,069
	Napa	224
	Nevada	318
	Orange	2,883
	Placer	804
	Plumas	194
	Riverside	3,749
	Sacramento	1,767
	San Benito	244
	San Bernardino	1,958
	San Diego	1,381
	San Francisco	1,160
	San Joaquin	2,870
	San Luis Obispo	2,443
	San Mateo	2,247
	Santa Barbara	1,901
	Santa Clara	3,909
	Santa Cruz	346
	Shasta	2,385
	Sierra	54
	Siskiyou	804
	Solano	1,303
	Sonoma	884
	Stanislaus	683
	Sutter	2,053
	Tehama	717
	Trinity	143
	Tulare	299
	Tuolumne	1,444
	Ventura	2,416
	Yolo	776
	Yuba	741
	Total	80,375
Triclopyr, triethylamine salt	Alameda	262
	Amador	41
	Butte	7,144
	Calaveras	249
	Colusa	18,501
	Contra Costa	1,885
	Del Norte	14
	El Dorado	271



<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Fresno	251
	Glenn	7,481
	Humboldt	21
	Kern	8
	Kings	23
	Los Angeles	134
	Madera	63
	Marin	71
	Mariposa	64
	Mendocino	27
	Merced	850
	Monterey	365
	Napa	139
	Nevada	66
	Orange	15
	Placer	1,090
	Plumas	61
	Riverside	453
	Sacramento	2,576
	San Benito	1
	San Bernardino	32
	San Diego	624
	San Francisco	30
	San Joaquin	1,103
	San Luis Obispo	430
	San Mateo	264
	Santa Barbara	85
	Santa Clara	156
	Santa Cruz	3
	Shasta	99
	Siskiyou	40
	Solano	1,803
	Sonoma	299
	Stanislaus	506
	Sutter	7,737
	Tehama	17
	Trinity	42
	Tulare	2
	Tuolumne	192
	Ventura	4
	Yolo	5,382
	Yuba	1,452
	<b>Total</b>	<b>62,426</b>
Triflumizole	Alameda	3
	Amador	58
	Calaveras	2
	Contra Costa	162
	El Dorado	45
	Fresno	3,719

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	Imperial	572
	Kern	1,343
	Kings	72
	Lake	176
	Los Angeles	39
	Madera	2,821
	Mendocino	274
	Merced	66
	Monterey	4,645
	Napa	2,262
	Nevada	10
	Orange	92
	Placer	1
	Riverside	270
	Sacramento	791
	San Benito	32
	San Bernardino	3
	San Diego	9
	San Joaquin	465
	San Luis Obispo	112
	San Mateo	<1
	Santa Barbara	1,050
	Santa Clara	14
	Santa Cruz	473
	Solano	112
	Sonoma	4,322
	Stanislaus	64
	Sutter	7
	Tulare	1,071
	Ventura	322
	Yolo	344
	Yuba	16
	<b>Total</b>	<b>25,841</b>
Triflusulfuron-methyl	Colusa	<1
	Fresno	24
	Imperial	402
	Kern	7
	Kings	7
	Merced	9
	Orange	<1
	San Joaquin	2
	Tulare	<1
	<b>Total</b>	<b>450</b>
Trinexapac-ethyl	Alameda	33
	Amador	5
	Butte	13
	Calaveras	<1
	Contra Costa	321

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>
	El Dorado	14
	Fresno	6
	Humboldt	<1
	Imperial	<1
	Inyo	3
	Kern	9
	Los Angeles	717
	Madera	3
	Marin	24
	Merced	11
	Monterey	33
	Napa	7
	Nevada	<1
	Orange	358
	Placer	47
	Riverside	1,637
	Sacramento	57
	San Benito	127
	San Bernardino	126
	San Diego	648
	San Francisco	12
	San Joaquin	9
	San Luis Obispo	13
	San Mateo	43
	Santa Barbara	44
	Santa Clara	39
	Shasta	<1
	Siskiyou	<1
	Solano	1
	Sonoma	19
	Stanislaus	<1
	Sutter	<1
	Tulare	13
	Ventura	38
	Yolo	10
	Yuba	1
	Total	4,443
Uniconizole-p	Contra Costa	<1
	Del Norte	<1
	Los Angeles	<1
	Madera	<1
	Monterey	<1
	Orange	<1
	Riverside	<1
	San Diego	<1
	San Joaquin	<1
	San Luis Obispo	<1
	San Mateo	<1
	Santa Barbara	<1

<b>Active Ingredient</b>	<b>County</b>	<b>Pounds Applied</b>	
	Santa Clara	<1	
	Santa Cruz	<1	
	Ventura	<1	
	Yolo	<1	
	Total	1	
Vernolate	Kern	<1	
	Total	<1	
Vinclozolin	Butte	2	
	Colusa	115	
	Contra Costa	46	
	Fresno	7,050	
	Glenn	24	
	Humboldt	24	
	Imperial	767	
	Kings	4	
	Los Angeles	79	
	Marin	33	
	Monterey	3,762	
	Orange	66	
	Riverside	9	
	San Benito	295	
	San Diego	115	
	San Francisco	13	
	San Joaquin	1,458	
	San Luis Obispo	2,736	
	San Mateo	32	
	Santa Barbara	1,549	
	Santa Clara	23	
	Santa Cruz	145	
	Solano	87	
	Sonoma	1	
	Stanislaus	10	
	Tulare	800	
	Ventura	221	
	Yolo	6	
		Total	19,473

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