

The Top Five Chemicals by Pounds Applied in each County in 2023 and the Top Five Commodities

[Text files](#) of data are available. The ranking of chemicals and commodities (sites) is determined by total pounds of chemicals used. Acres treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres. Cumulative acres treated totals include pesticide use reports (PURs) with unit treated equal to acres (A) or square feet (S), the latter of which was converted to acres. PURs with volume (cubic feet, etc.), weight (tons, lbs, etc.), or miscellaneous units (bins, holes, etc.) are not included in the acres treated totals. Most nonagricultural PURs are not required to report acres treated, so the acres treated totals are predominantly agricultural pesticide uses. Application counts (Apps) include only agricultural pesticide uses. A zero value under Acres Treated or Apps indicates that the pounds applied were nonagricultural uses. Values greater than one are rounded. N-outdr = Outdoor nursery. N-grnhs = Greenhouse nursery. Chemicals in adjuvant products are excluded from this table. Counties may have less than five rankings if there were not enough commodities or chemicals to rank. For more information, see Pesticide Use Annual Report Data Access, References, and Definitions [Guide](#).

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Alameda	Sulfuryl fluoride	1	Structural pest control	65,619	0	0
Alameda	Sulfuryl fluoride	1	Fumigation, other	378	0	0
Alameda	Sodium chlorate	2	Water (industrial)	55,592	0	0
Alameda	Glyphosate, isopropylamine salt	3	Rights of way	12,934	3	11
Alameda	Glyphosate, isopropylamine salt	3	Landscape maintenance	7,778	0	0
Alameda	Glyphosate, isopropylamine salt	3	Almond	4,832	21	3,234
Alameda	Glyphosate, isopropylamine salt	3	Grape, wine	1,868	280	885
Alameda	Glyphosate, isopropylamine salt	3	Olive	220	5	310
Alameda	Sulfur	4	Grape, wine	25,371	521	6,747
Alameda	Sulfur	4	Cannabis (all or unspecified)	30	92	5
Alameda	Sulfur	4	Regulatory pest control	5	0	0
Alameda	Sulfur	4	Rights of way	< 1	0	0
Alameda	Sulfur	4	Landscape maintenance	< 1	0	0
Alameda	Permethrin	5	Landscape maintenance	17,584	0	0
Alameda	Permethrin	5	Structural pest control	948	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Alameda	Permethrin	5	Regulatory pest control	< 1	0	0
Alpine	Mineral oil	1	Structural pest control	138	0	0
Alpine	Glyphosate, isopropylamine salt	2	Rights of way	100	0	0
Alpine	Glyphosate, isopropylamine salt	2	Landscape maintenance	< 1	0	0
Alpine	Glyphosate, isopropylamine salt	2	Uncultivated non-ag	< 1	0	10
Alpine	Imidacloprid	3	Structural pest control	16	0	0
Alpine	Beta-cyfluthrin	4	Structural pest control	8	0	0
Alpine	Piperonyl butoxide	5	Structural pest control	7	0	0
Amador	Sulfur	1	Grape, wine	61,533	769	9,157
Amador	Sulfur	1	Structural pest control	2	0	0
Amador	Mineral oil	2	Grape, wine	9,258	305	3,444
Amador	Mineral oil	2	Rights of way	50	0	0
Amador	Mineral oil	2	Walnut	25	3	25
Amador	Mineral oil	2	Wheat (forage - fodder)	21	6	347
Amador	Mineral oil	2	Forage hay/silage	5	3	120
Amador	Glyphosate, dimethylamine salt	3	Forest, timberland	5,109	68	1,423
Amador	Glyphosate, dimethylamine salt	3	Uncultivated non-ag	36	1	70
Amador	Glyphosate, dimethylamine salt	3	Rights of way	10	0	0
Amador	Glyphosate, isopropylamine salt	4	Grape, wine	2,054	208	1,083
Amador	Glyphosate, isopropylamine salt	4	Rights of way	870	0	0
Amador	Glyphosate, isopropylamine salt	4	Landscape maintenance	766	1	2
Amador	Glyphosate, isopropylamine salt	4	Forest, timberland	334	4	184
Amador	Glyphosate, isopropylamine salt	4	Walnut	47	3	25
Amador	Kaolin	5	Grape, wine	2,969	13	125
Butte	Propanil	1	Rice	581,359	1,655	139,054
Butte	Copper sulfate (pentahydrate)	2	Rice	441,076	419	33,075
Butte	Copper sulfate (pentahydrate)	2	Walnut	1,313	75	2,964

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Butte	Copper sulfate (pentahydrate)	2	Rice, wild	1,180	3	79
Butte	Copper sulfate (pentahydrate)	2	Almond	272	14	1,028
Butte	Copper sulfate (pentahydrate)	2	Rights of way	13	0	0
Butte	Mineral oil	3	Rice	203,648	1,451	121,583
Butte	Mineral oil	3	Prune	25,717	59	2,166
Butte	Mineral oil	3	Peach	14,404	83	870
Butte	Mineral oil	3	Walnut	12,233	280	8,508
Butte	Mineral oil	3	Almond	7,092	133	4,821
Butte	1,3-dichloropropene	4	Uncultivated ag	63,687	5	193
Butte	1,3-dichloropropene	4	Walnut	53,813	23	163
Butte	1,3-dichloropropene	4	Almond	46,007	2	141
Butte	Copper hydroxide	5	Walnut	102,864	715	29,748
Butte	Copper hydroxide	5	Olive	6,367	36	2,013
Butte	Copper hydroxide	5	Peach	4,261	34	424
Butte	Copper hydroxide	5	Almond	1,444	26	623
Butte	Copper hydroxide	5	Prune	934	5	110
Calaveras	Sulfur	1	Grape, wine	10,087	225	2,347
Calaveras	Glyphosate, dimethylamine salt	2	Forest, timberland	9,064	128	2,267
Calaveras	Glyphosate, dimethylamine salt	2	Rights of way	88	0	0
Calaveras	Glyphosate, isopropylamine salt	3	Landscape maintenance	1,129	0	0
Calaveras	Glyphosate, isopropylamine salt	3	Rights of way	701	3	18
Calaveras	Glyphosate, isopropylamine salt	3	Grape, wine	389	49	174
Calaveras	Glyphosate, isopropylamine salt	3	Walnut	78	2	115
Calaveras	Glyphosate, isopropylamine salt	3	Almond	45	1	22
Calaveras	Boric acid	4	Animal premise	2,176	0	5
Calaveras	Boric acid	4	Structural pest control	22	0	0
Calaveras	Boric acid	4	Landscape maintenance	< 1	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Calaveras	Mineral oil	5	Landscape maintenance	1,079	0	0
Calaveras	Mineral oil	5	Walnut	457	0	65
Calaveras	Mineral oil	5	Cherry	245	1	35
Calaveras	Mineral oil	5	Grape, wine	116	68	647
Calaveras	Mineral oil	5	Pistachio	15	2	15
Colusa	Propanil	1	Rice	582,465	1,587	119,975
Colusa	Glyphosate, potassium salt	2	Almond	100,036	862	41,632
Colusa	Glyphosate, potassium salt	2	Uncultivated ag	47,592	238	17,069
Colusa	Glyphosate, potassium salt	2	Walnut	21,166	166	7,509
Colusa	Glyphosate, potassium salt	2	Rights of way	11,444	44	6,578
Colusa	Glyphosate, potassium salt	2	Pistachio	5,520	54	2,289
Colusa	Kaolin	3	Tomato, processing	132,430	80	4,615
Colusa	Kaolin	3	Watermelon	5,558	4	117
Colusa	Kaolin	3	Grape, wine	4,739	1	200
Colusa	Kaolin	3	Cucumber	3,289	7	138
Colusa	Kaolin	3	Walnut	2,673	8	60
Colusa	Mineral oil	4	Rice	56,830	421	32,493
Colusa	Mineral oil	4	Walnut	37,743	146	10,732
Colusa	Mineral oil	4	Almond	24,927	109	7,281
Colusa	Mineral oil	4	Rights of way	3,102	36	338
Colusa	Mineral oil	4	Prune	1,990	2	142
Colusa	Copper sulfate (pentahydrate)	5	Rice	114,565	107	8,889
Colusa	Copper sulfate (pentahydrate)	5	Water area	7,970	0	7
Colusa	Copper sulfate (pentahydrate)	5	Almond	1,063	98	3,373
Colusa	Copper sulfate (pentahydrate)	5	Uncultivated ag	551	1	41
Colusa	Copper sulfate (pentahydrate)	5	Uncultivated non-ag	346	1	50
Contra costa	Sulfur	1	Tomato, processing	125,011	147	5,763

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Contra costa	Sulfur	1	Grape, wine	73,589	369	5,200
Contra costa	Sulfur	1	Almond	8,000	3	1,000
Contra costa	Sulfur	1	Peach	1,115	25	184
Contra costa	Sulfur	1	Nectarine	681	18	114
Contra costa	Glyphosate, isopropylamine salt	2	Landscape maintenance	9,217	2	2
Contra costa	Glyphosate, isopropylamine salt	2	Rights of way	9,194	2	2
Contra costa	Glyphosate, isopropylamine salt	2	Water area	6,686	0	647
Contra costa	Glyphosate, isopropylamine salt	2	Almond	4,952	29	2,619
Contra costa	Glyphosate, isopropylamine salt	2	Alfalfa	2,655	16	1,612
Contra costa	Mineral oil	3	Public health	16,496	0	0
Contra costa	Mineral oil	3	Cherry	3,595	24	285
Contra costa	Mineral oil	3	Corn, human consumption	2,108	44	1,055
Contra costa	Mineral oil	3	Landscape maintenance	1,499	0	0
Contra costa	Mineral oil	3	N-grnhs flower	1,056	0	21
Contra costa	Copper ethylenediamine complex	4	Water area	24,360	0	805
Contra costa	Copper ethylenediamine complex	4	Rights of way	7	0	0
Contra costa	Sulfuryl fluoride	5	Structural pest control	13,859	0	0
Contra costa	Sulfuryl fluoride	5	Commodity fumigation	4,958	0	0
Del norte	Metam-sodium	1	N-outdr flower	57,899	40	181
Del norte	Metam-sodium	1	Soil fumigation/preplant	12,824	10	40
Del norte	1,3-dichloropropene	2	Soil fumigation/preplant	53,083	24	203
Del norte	Copper hydroxide	3	N-outdr flower	6,959	446	3,918
Del norte	Copper hydroxide	3	Rights of way	3	0	0
Del norte	Chlorothalonil	4	N-outdr flower	1,625	244	1,910
Del norte	Chlorothalonil	4	N-outdr plants in containers	1	1	< 1
Del norte	Triclopyr, butoxyethyl ester	5	Forest, timberland	1,109	41	593

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Del norte	Triclopyr, butoxyethyl ester	5	Rights of way	9	0	0
El dorado	Glyphosate, dimethylamine salt	1	Forest, timberland	45,762	575	13,728
El dorado	Glyphosate, dimethylamine salt	1	Rights of way	686	1	< 1
El dorado	Glyphosate, dimethylamine salt	1	Research commodity	3	0	0
El dorado	Mineral oil	2	Grape, wine	20,277	445	4,411
El dorado	Mineral oil	2	Apple	12,596	127	811
El dorado	Mineral oil	2	Pear	2,780	17	133
El dorado	Mineral oil	2	Peach	964	37	59
El dorado	Mineral oil	2	Plum	322	6	20
El dorado	Sulfur	3	Grape, wine	24,523	639	6,776
El dorado	Sulfur	3	Apple	48	1	16
El dorado	Sulfur	3	Peach	44	8	6
El dorado	Sulfur	3	Nectarine	40	6	5
El dorado	Sulfur	3	N-grnhs flower	27	1	4
El dorado	Glyphosate, isopropylamine salt	4	Forest, timberland	9,619	77	3,531
El dorado	Glyphosate, isopropylamine salt	4	Rights of way	6,003	5	12
El dorado	Glyphosate, isopropylamine salt	4	Landscape maintenance	3,362	4	14
El dorado	Glyphosate, isopropylamine salt	4	Grape, wine	1,193	145	1,019
El dorado	Glyphosate, isopropylamine salt	4	Apple	321	25	160
El dorado	Hexazinone	5	Forest, timberland	8,249	143	6,697
El dorado	Hexazinone	5	Research commodity	< 1	0	0
El dorado	Hexazinone	5	Landscape maintenance	< 1	0	0
Fresno	Sulfur	1	Grape	2,806,315	12,226	396,095
Fresno	Sulfur	1	Tomato, processing	2,432,465	893	110,882
Fresno	Sulfur	1	Grape, wine	1,403,019	2,421	201,587
Fresno	Sulfur	1	Pistachio	198,339	423	59,030
Fresno	Sulfur	1	Pomegranate	166,390	120	6,176

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Fresno	Mineral oil	2	Almond	2,115,188	4,914	268,037
Fresno	Mineral oil	2	Pistachio	645,237	1,385	122,868
Fresno	Mineral oil	2	Peach	559,323	3,130	74,854
Fresno	Mineral oil	2	Orange	527,795	2,173	45,553
Fresno	Mineral oil	2	Tangerine	379,890	1,439	29,857
Fresno	Potassium n-methyldithiocarbamate	3	Tomato, processing	1,873,842	217	9,277
Fresno	Potassium n-methyldithiocarbamate	3	Carrot	246,135	8	972
Fresno	Potassium n-methyldithiocarbamate	3	Onion, dry	192,743	7	782
Fresno	Potassium n-methyldithiocarbamate	3	Lettuce, head	130,890	19	780
Fresno	Potassium n-methyldithiocarbamate	3	Uncultivated ag	126,573	9	671
Fresno	Calcium hydroxide	4	Orange	517,778	1,129	24,039
Fresno	Calcium hydroxide	4	Tangerine	197,419	602	15,256
Fresno	Calcium hydroxide	4	Lemon	71,441	253	5,418
Fresno	Calcium hydroxide	4	Grape, wine	22,229	14	1,567
Fresno	Calcium hydroxide	4	Grape	16,772	47	1,582
Fresno	Glyphosate, potassium salt	5	Almond	243,532	3,085	113,296
Fresno	Glyphosate, potassium salt	5	Pistachio	175,722	1,485	85,411
Fresno	Glyphosate, potassium salt	5	Cotton	63,849	586	40,666
Fresno	Glyphosate, potassium salt	5	Tomato, processing	41,985	187	19,564
Fresno	Glyphosate, potassium salt	5	Uncultivated ag	34,884	144	14,200
Glenn	Propanil	1	Rice	427,236	1,459	90,402
Glenn	Propanil	1	Uncultivated ag	1,020	3	170
Glenn	Propanil	1	Oat (forage - fodder)	120	2	144
Glenn	Propanil	1	Forage hay/silage	106	2	27
Glenn	Copper sulfate (pentahydrate)	2	Rice	154,137	192	11,884
Glenn	Copper sulfate (pentahydrate)	2	Water area	32,844	0	0
Glenn	Copper sulfate (pentahydrate)	2	Walnut	427	44	992

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Glenn	Copper sulfate (pentahydrate)	2	Almond	127	11	286
Glenn	Copper sulfate (pentahydrate)	2	Tomato, processing	19	12	157
Glenn	Glyphosate, isopropylamine salt	3	Almond	59,320	694	26,954
Glenn	Glyphosate, isopropylamine salt	3	Walnut	31,870	622	17,658
Glenn	Glyphosate, isopropylamine salt	3	Rights of way	21,491	0	0
Glenn	Glyphosate, isopropylamine salt	3	Olive	3,773	108	2,190
Glenn	Glyphosate, isopropylamine salt	3	Uncultivated ag	3,225	114	1,859
Glenn	Copper hydroxide	4	Olive	55,976	240	14,724
Glenn	Copper hydroxide	4	Walnut	55,750	442	13,566
Glenn	Copper hydroxide	4	Almond	977	6	462
Glenn	Copper hydroxide	4	Cucumber	83	2	155
Glenn	Copper hydroxide	4	Rights of way	17	0	0
Glenn	Glyphosate, potassium salt	5	Almond	53,607	404	22,390
Glenn	Glyphosate, potassium salt	5	Walnut	13,381	199	5,677
Glenn	Glyphosate, potassium salt	5	Uncultivated ag	9,062	62	3,721
Glenn	Glyphosate, potassium salt	5	Rights of way	3,756	0	0
Glenn	Glyphosate, potassium salt	5	Olive	2,659	50	873
Humboldt	Potassium laurate	1	Cannabis (all or unspecified)	5,370	72	16
Humboldt	Potassium laurate	1	N-grnhs plants in containers	< 1	1	< 1
Humboldt	Imazapyr, isopropylamine salt	2	Forest, timberland	3,547	339	7,062
Humboldt	Imazapyr, isopropylamine salt	2	Uncultivated ag	< 1	6	3
Humboldt	Imazapyr, isopropylamine salt	2	N-grnhs plants in containers	< 1	1	1
Humboldt	Triclopyr, butoxyethyl ester	3	Forest, timberland	3,098	123	2,447
Humboldt	Triclopyr, butoxyethyl ester	3	N-grnhs flower	1	0	6
Humboldt	Triclopyr, butoxyethyl ester	3	Turf/sod	< 1	0	1

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Humboldt	Triclopyr, butoxyethyl ester	3	Rights of way	< 1	0	0
Humboldt	Glyphosate, dimethylamine salt	4	Forest, timberland	1,657	66	1,551
Humboldt	Glyphosate, dimethylamine salt	4	Rights of way	15	0	0
Humboldt	Disodium octaborate tetrahydrate	5	Structural pest control	1,371	0	0
Humboldt	Disodium octaborate tetrahydrate	5	Rights of way	< 1	0	0
Imperial	Sulfur	1	Bermudagrass	479,441	213	17,526
Imperial	Sulfur	1	Sugarbeet	276,201	198	13,715
Imperial	Sulfur	1	Alfalfa	103,123	50	4,547
Imperial	Sulfur	1	Carrot	84,646	148	5,246
Imperial	Sulfur	1	Grape	25,182	30	3,693
Imperial	Mineral oil	2	Lemon	199,009	406	14,645
Imperial	Mineral oil	2	Alfalfa	124,895	2,145	129,280
Imperial	Mineral oil	2	Corn, human consumption	52,335	553	38,175
Imperial	Mineral oil	2	Rights of way	43,125	0	0
Imperial	Mineral oil	2	Sugarbeet	36,952	423	29,063
Imperial	Pendimethalin	3	Alfalfa	325,906	2,393	158,929
Imperial	Pendimethalin	3	Onion, dry	13,554	288	17,911
Imperial	Pendimethalin	3	Corn, human consumption	8,478	117	6,330
Imperial	Pendimethalin	3	Carrot	5,245	108	5,945
Imperial	Pendimethalin	3	Corn (forage - fodder)	1,279	17	892
Imperial	1,3-dichloropropene	4	Carrot	272,044	46	2,863
Imperial	1,3-dichloropropene	4	Potato	26,375	3	232
Imperial	Glyphosate, isopropylamine salt	5	Rights of way	175,316	0	0
Imperial	Glyphosate, isopropylamine salt	5	Sugarbeet	21,976	259	16,827
Imperial	Glyphosate, isopropylamine salt	5	Uncultivated ag	16,863	183	8,705
Imperial	Glyphosate, isopropylamine salt	5	Corn (forage - fodder)	5,635	48	3,450
Imperial	Glyphosate, isopropylamine salt	5	Lemon	4,116	97	3,324

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Inyo	Glyphosate, isopropylamine salt	1	Rights of way	1,030	0	0
Inyo	Glyphosate, isopropylamine salt	1	Alfalfa	530	4	265
Inyo	Triclopyr, butoxyethyl ester	2	Rights of way	522	0	0
Inyo	Bifenthrin	3	Structural pest control	440	0	0
Inyo	Bifenthrin	3	N-grnhs flower	< 1	0	10
Inyo	Bifenthrin	3	Landscape maintenance	< 1	0	0
Inyo	Pendimethalin	4	Alfalfa	407	3	215
Inyo	2,4-d, dimethylamine salt	5	Forage hay/silage	137	1	120
Inyo	2,4-d, dimethylamine salt	5	Rights of way	87	0	0
Inyo	2,4-d, dimethylamine salt	5	Alfalfa	78	2	70
Kern	Mineral oil	1	Almond	2,293,483	3,546	302,524
Kern	Mineral oil	1	Orange	1,392,829	2,567	102,157
Kern	Mineral oil	1	Tangerine	917,239	1,297	61,828
Kern	Mineral oil	1	Pistachio	353,328	817	57,040
Kern	Mineral oil	1	Lemon	199,866	440	14,956
Kern	Sulfur	2	Grape	2,655,903	10,216	476,285
Kern	Sulfur	2	Pistachio	744,644	760	92,591
Kern	Sulfur	2	Grape, wine	608,504	859	95,220
Kern	Sulfur	2	Tomato, processing	425,405	284	28,376
Kern	Sulfur	2	Almond	344,215	601	42,628
Kern	Metam-sodium	3	Carrot	825,202	60	4,270
Kern	Metam-sodium	3	Potato	546,048	47	2,529
Kern	Metam-sodium	3	Pepper, fruiting	10,405	4	72
Kern	Metam-sodium	3	Sweet potato	6,604	1	25
Kern	Metam-sodium	3	Rights of way	982	0	0
Kern	Potassium n-methyldithiocarbamate	4	Carrot	528,975	40	2,472
Kern	Potassium n-methyldithiocarbamate	4	Potato	187,371	13	947

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Kern	Potassium n-methyldithiocarbamate	4	Tomato, processing	115,172	21	1,261
Kern	Potassium n-methyldithiocarbamate	4	Pepper, fruiting	75,499	6	358
Kern	Potassium n-methyldithiocarbamate	4	Lettuce, leaf	74,787	8	539
Kern	Calcium hydroxide	5	Orange	600,624	669	25,648
Kern	Calcium hydroxide	5	Grape	127,617	229	19,526
Kern	Calcium hydroxide	5	Tangerine	127,491	225	10,570
Kern	Calcium hydroxide	5	Lemon	90,128	150	4,969
Kern	Calcium hydroxide	5	Grapefruit	21,881	53	1,094
Kings	Sulfur	1	Tomato, processing	791,687	277	35,681
Kings	Sulfur	1	Grape	196,011	401	22,048
Kings	Sulfur	1	Pistachio	128,543	250	19,299
Kings	Sulfur	1	Grape, wine	49,335	187	8,260
Kings	Sulfur	1	Carrot	23,153	46	3,009
Kings	Mineral oil	2	Almond	331,822	805	37,540
Kings	Mineral oil	2	Pistachio	128,956	422	23,612
Kings	Mineral oil	2	Peach	102,521	394	5,503
Kings	Mineral oil	2	Plum	75,814	208	3,111
Kings	Mineral oil	2	Nectarine	59,439	216	2,849
Kings	Potassium n-methyldithiocarbamate	3	Soil fumigation/preplant	562,697	59	5,230
Kings	Potassium n-methyldithiocarbamate	3	Melon	26,971	2	314
Kings	Glyphosate, potassium salt	4	Pistachio	82,515	608	34,725
Kings	Glyphosate, potassium salt	4	Cotton	73,757	325	51,752
Kings	Glyphosate, potassium salt	4	Almond	54,246	508	24,479
Kings	Glyphosate, potassium salt	4	Rights of way	40,867	67	20,985
Kings	Glyphosate, potassium salt	4	Corn (forage - fodder)	36,887	434	25,470
Kings	Paraquat dichloride	5	Soil fumigation/preplant	152,891	621	132,070
Kings	Paraquat dichloride	5	Cotton	20,172	143	28,541

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Kings	Paraquat dichloride	5	Almond	4,676	68	3,387
Kings	Paraquat dichloride	5	Pistachio	3,476	39	2,590
Kings	Paraquat dichloride	5	Uncultivated ag	2,174	6	1,680
Lake	Sulfur	1	Grape, wine	285,878	994	36,291
Lake	Sulfur	1	Pear	10,492	36	830
Lake	Sulfur	1	Cannabis (all or unspecified)	143	10	14,017
Lake	Sulfur	1	Grape	121	3	102
Lake	Mineral oil	2	Pear	108,353	261	5,428
Lake	Mineral oil	2	Grape, wine	47,625	353	10,063
Lake	Mineral oil	2	Landscape maintenance	541	0	0
Lake	Mineral oil	2	Cannabis (all or unspecified)	512	34	78
Lake	Mineral oil	2	Walnut	1	2	12
Lake	Glyphosate, isopropylamine salt	3	Grape, wine	5,079	166	3,022
Lake	Glyphosate, isopropylamine salt	3	Landscape maintenance	3,263	3	9
Lake	Glyphosate, isopropylamine salt	3	Pear	932	51	566
Lake	Glyphosate, isopropylamine salt	3	Rights of way	646	7	102
Lake	Glyphosate, isopropylamine salt	3	Structural pest control	273	0	0
Lake	Lime-sulfur	4	Pear	4,546	23	298
Lake	Lime-sulfur	4	Grape, wine	4,017	11	156
Lake	Lime-sulfur	4	Uncultivated ag	103	1	3
Lake	Ziram	5	Pear	7,375	67	1,712
Lassen	Methyl bromide	1	Strawberry	53,147	6	245
Lassen	Methyl bromide	1	Soil fumigation/preplant	21,988	6	106
Lassen	Chloropicrin	2	Strawberry	39,813	6	245
Lassen	Chloropicrin	2	Soil fumigation/preplant	16,472	6	106

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Lassen	Sulfur	3	Strawberry	14,080	84	3,849
Lassen	Glyphosate, dimethylamine salt	4	Forest, timberland	9,328	79	2,793
Lassen	Glyphosate, isopropylamine salt	5	Forest, timberland	2,712	13	984
Lassen	Glyphosate, isopropylamine salt	5	Alfalfa	2,650	39	2,091
Lassen	Glyphosate, isopropylamine salt	5	Rights of way	1,254	5	36
Lassen	Glyphosate, isopropylamine salt	5	Landscape maintenance	1,073	0	0
Lassen	Glyphosate, isopropylamine salt	5	Forage hay/silage	239	1	95
Los angeles	Sulfuryl fluoride	1	Structural pest control	759,456	0	0
Los angeles	Sulfuryl fluoride	1	Fumigation, other	19,361	0	0
Los angeles	Sulfuryl fluoride	1	Commodity fumigation	3,613	0	0
Los angeles	Potassium n-methyldithiocarbamate	2	Carrot	471,566	21	1,647
Los angeles	Boric acid	3	Structural pest control	119,427	0	0
Los angeles	Boric acid	3	Landscape maintenance	117	0	0
Los angeles	Boric acid	3	Regulatory pest control	2	0	0
Los angeles	Glyphosate, isopropylamine salt	4	Rights of way	60,533	1	1
Los angeles	Glyphosate, isopropylamine salt	4	Landscape maintenance	26,618	9	19
Los angeles	Glyphosate, isopropylamine salt	4	N-outdr plants in containers	4,657	930	1,381
Los angeles	Glyphosate, isopropylamine salt	4	Alfalfa	1,183	6	593
Los angeles	Glyphosate, isopropylamine salt	4	Uncultivated ag	205	99	187
Los angeles	Methyl bromide	5	Commodity fumigation	33,692	0	0
Los angeles	Methyl bromide	5	Fumigation, other	29,409	0	0
Los angeles	Methyl bromide	5	Regulatory pest control	16,590	0	0
Madera	Sulfur	1	Grape, wine	1,429,704	2,426	163,008
Madera	Sulfur	1	Grape	1,087,333	2,487	131,608
Madera	Sulfur	1	Pistachio	59,608	100	12,003
Madera	Sulfur	1	Almond	54,806	88	7,731

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Madera	Sulfur	1	Tomato, processing	52,887	34	2,409
Madera	Mineral oil	2	Almond	653,192	2,420	140,649
Madera	Mineral oil	2	Pistachio	93,279	490	28,495
Madera	Mineral oil	2	Orange	58,884	395	11,697
Madera	Mineral oil	2	Public health	50,412	0	0
Madera	Mineral oil	2	Grape, wine	41,311	220	12,125
Madera	Glyphosate, potassium salt	3	Almond	164,098	2,319	81,912
Madera	Glyphosate, potassium salt	3	Pistachio	70,665	764	34,221
Madera	Glyphosate, potassium salt	3	Grape, wine	29,087	354	12,025
Madera	Glyphosate, potassium salt	3	Grape	8,939	173	4,999
Madera	Glyphosate, potassium salt	3	Rights of way	8,471	17	564
Madera	Glyphosate, isopropylamine salt	4	Almond	142,503	1,881	90,458
Madera	Glyphosate, isopropylamine salt	4	Pistachio	62,595	820	49,312
Madera	Glyphosate, isopropylamine salt	4	Rights of way	24,393	10	512
Madera	Glyphosate, isopropylamine salt	4	Grape	13,440	318	7,668
Madera	Glyphosate, isopropylamine salt	4	Grape, wine	6,907	98	4,218
Madera	Glufosinate-ammonium	5	Almond	92,518	2,496	108,213
Madera	Glufosinate-ammonium	5	Pistachio	46,645	1,023	58,087
Madera	Glufosinate-ammonium	5	Grape, wine	22,749	566	22,929
Madera	Glufosinate-ammonium	5	Grape	10,513	411	10,013
Madera	Glufosinate-ammonium	5	Rights of way	5,713	19	908
Marin	Sulfuryl fluoride	1	Structural pest control	14,456	0	0
Marin	Potassium phosphite	2	Landscape maintenance	11,322	0	0
Marin	Potassium phosphite	2	N-grnhs flower	57	0	0
Marin	Potassium phosphite	2	Structural pest control	34	0	0
Marin	Potassium phosphite	2	N-outdr flower	26	0	0
Marin	Disodium octaborate tetrahydrate	3	Structural pest control	8,165	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Marin	Disodium octaborate tetrahydrate	3	Landscape maintenance	< 1	0	0
Marin	Disodium octaborate tetrahydrate	3	Rights of way	< 1	0	0
Marin	Copper ethanolamine complexes, mixed	4	Water area	8,096	0	0
Marin	Copper ethanolamine complexes, mixed	4	Water (industrial)	3	0	4
Marin	Copper ethanolamine complexes, mixed	4	Rights of way	< 1	0	0
Marin	Mineral oil	5	Landscape maintenance	4,430	0	0
Marin	Mineral oil	5	Grape, wine	758	38	294
Marin	Mineral oil	5	N-grnhs plants in containers	17	4	< 1
Marin	Mineral oil	5	Public health	5	0	0
Marin	Mineral oil	5	Structural pest control	4	0	0
Mariposa	Glyphosate, isopropylamine salt	1	Landscape maintenance	1,107	0	0
Mariposa	Glyphosate, isopropylamine salt	1	Rights of way	220	0	0
Mariposa	Glyphosate, isopropylamine salt	1	Regulatory pest control	114	0	0
Mariposa	Glyphosate, isopropylamine salt	1	Structural pest control	38	0	0
Mariposa	Glyphosate, isopropylamine salt	1	Grape, wine	19	3	12
Mariposa	Sodium tetraborate decahydrate	2	Rights of way	1,270	0	0
Mariposa	Sulfuryl fluoride	3	Structural pest control	448	0	0
Mariposa	Triclopyr, triethylamine salt	4	Landscape maintenance	187	0	0
Mariposa	Triclopyr, triethylamine salt	4	Rights of way	133	0	0
Mariposa	Triclopyr, triethylamine salt	4	Forest, timberland	25	20	78
Mariposa	Triclopyr, triethylamine salt	4	County ag comm	3	0	0
Mariposa	Triclopyr, triethylamine salt	4	Uncultivated ag	< 1	1	< 1
Mariposa	Copper ethanolamine complexes, mixed	5	Water area	327	0	129
Mendocino	Copper ethanolamine complexes, mixed	1	Lumber, treated	822,030	0	0
Mendocino	Copper ethanolamine complexes, mixed	1	Rights of way	< 1	0	0
Mendocino	Sulfur	2	Grape, wine	403,289	1,845	53,883

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Mendocino	Sulfur	2	Pear	4,102	8	388
Mendocino	Sulfur	2	Apple	115	4	20
Mendocino	Mineral oil	3	Grape, wine	164,822	641	18,168
Mendocino	Mineral oil	3	Pear	71,029	75	3,484
Mendocino	Mineral oil	3	Turf/sod	99	0	19
Mendocino	Mineral oil	3	Apple	49	3	12
Mendocino	Mineral oil	3	Forest, timberland	48	3	53
Mendocino	Octhilinone	4	Lumber, treated	125,543	0	0
Mendocino	5-chloro-2-methyl-4-isothiazolin-3-one	5	Lumber, treated	65,560	0	0
Merced	Sulfur	1	Tomato, processing	900,434	473	31,587
Merced	Sulfur	1	Grape, wine	542,240	596	64,028
Merced	Sulfur	1	Tomato	99,336	60	3,738
Merced	Sulfur	1	Peach	33,466	284	5,672
Merced	Sulfur	1	Almond	22,909	102	4,107
Merced	Mineral oil	2	Almond	662,844	1,749	110,915
Merced	Mineral oil	2	Public health	38,106	0	0
Merced	Mineral oil	2	Pistachio	21,824	135	7,640
Merced	Mineral oil	2	Cherry	20,255	44	1,584
Merced	Mineral oil	2	Peach	17,255	75	1,346
Merced	1,3-dichloropropene	3	Sweet potato	581,561	245	5,466
Merced	1,3-dichloropropene	3	Almond	83,968	16	264
Merced	1,3-dichloropropene	3	Carrot	15,634	1	132
Merced	1,3-dichloropropene	3	Peach	12,535	5	40
Merced	1,3-dichloropropene	3	Walnut	7,520	2	23
Merced	Potassium n-methyldithiocarbamate	4	Sweet potato	250,189	47	1,074
Merced	Potassium n-methyldithiocarbamate	4	Onion, dry	52,113	3	234
Merced	Potassium n-methyldithiocarbamate	4	Onion, green	30,308	2	136

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Merced	Potassium n-methyldithiocarbamate	4	Grass, seed	21,336	2	96
Merced	Potassium n-methyldithiocarbamate	4	Tomato, processing	14,024	3	52
Merced	Glyphosate, potassium salt	5	Almond	165,500	2,035	96,740
Merced	Glyphosate, potassium salt	5	Cotton	44,854	661	29,167
Merced	Glyphosate, potassium salt	5	Grape, wine	40,771	196	10,575
Merced	Glyphosate, potassium salt	5	Corn (forage - fodder)	36,223	562	23,217
Merced	Glyphosate, potassium salt	5	Pistachio	28,535	358	16,775
Modoc	Potassium n-methyldithiocarbamate	1	Potato	38,334	4	235
Modoc	Metam-sodium	2	Potato	10,473	1	70
Modoc	1,3-dichloropropene	3	Uncultivated ag	10,337	1	75
Modoc	Copper sulfate (pentahydrate)	4	Rice, wild	8,802	29	928
Modoc	Metribuzin	5	Alfalfa	7,015	170	12,271
Modoc	Metribuzin	5	Potato	1,540	51	3,174
Modoc	Metribuzin	5	Forage hay/silage	90	4	175
Mono	Diuron	1	Alfalfa	723	10	553
Mono	Diuron	1	Forage hay/silage	100	1	102
Mono	Diuron	1	Rights of way	2	0	0
Mono	Glyphosate, isopropylamine salt	2	Rights of way	512	0	0
Mono	Fatty acids, methyl esters	3	Forage hay/silage	403	6	219
Mono	2,4-d, dimethylamine salt	4	Alfalfa	210	2	187
Mono	2,4-d, dimethylamine salt	4	Forage hay/silage	88	3	102
Mono	Hexazinone	5	Alfalfa	294	10	553
Monterey	Chloropicrin	1	Strawberry	2,231,289	638	9,190
Monterey	Chloropicrin	1	Raspberry	29,149	5	108
Monterey	Chloropicrin	1	Structural pest control	4	0	0
Monterey	Mineral oil	2	Grape, wine	1,059,239	3,191	163,866
Monterey	Mineral oil	2	Lemon	125,598	53	4,068

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Monterey	Mineral oil	2	Lettuce, leaf	8,476	2,195	19,164
Monterey	Mineral oil	2	Avocado	7,070	13	197
Monterey	Mineral oil	2	Cannabis (all or unspecified)	6,281	860	398
Monterey	Sulfur	3	Grape, wine	613,179	4,787	150,120
Monterey	Sulfur	3	Strawberry	133,598	1,013	35,389
Monterey	Sulfur	3	Brussels sprout	28,292	600	6,697
Monterey	Sulfur	3	Tomato	17,834	179	2,466
Monterey	Sulfur	3	Carrot	17,515	249	3,089
Monterey	1,3-dichloropropene	4	Strawberry	759,811	477	8,198
Monterey	1,3-dichloropropene	4	Brussels sprout	43,642	28	603
Monterey	1,3-dichloropropene	4	Grape, wine	24,928	4	84
Monterey	1,3-dichloropropene	4	Raspberry	7,494	4	107
Monterey	1,3-dichloropropene	4	Carrot	3,653	2	40
Monterey	Potassium n-methyldithiocarbamate	5	Strawberry	303,960	76	1,165
Monterey	Potassium n-methyldithiocarbamate	5	Spinach	9,766	3	37
Monterey	Potassium n-methyldithiocarbamate	5	Tomato	5,906	1	32
Monterey	Potassium n-methyldithiocarbamate	5	Brussels sprout	3,262	2	38
Monterey	Potassium n-methyldithiocarbamate	5	Grape, wine	2,297	2	14
Napa	Sulfur	1	Grape, wine	868,333	8,539	152,410
Napa	Sulfur	1	Olive	8	4	4
Napa	Sulfur	1	Grape	7	4	3
Napa	Sulfur	1	Landscape maintenance	< 1	0	0
Napa	Mineral oil	2	Grape, wine	215,063	2,545	37,884
Napa	Mineral oil	2	Landscape maintenance	2,901	0	0
Napa	Mineral oil	2	Olive	40	4	2
Napa	Mineral oil	2	Public health	27	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Napa	Mineral oil	2	Peach	12	4	1
Napa	Potassium bicarbonate	3	Grape, wine	17,896	448	5,680
Napa	Potassium bicarbonate	3	N-outdr plants in containers	3	3	< 1
Napa	Potassium bicarbonate	3	Olive	1	1	< 1
Napa	Glyphosate, potassium salt	4	Grape, wine	14,203	991	7,045
Napa	Glyphosate, potassium salt	4	Pastureland	980	3	333
Napa	Glyphosate, potassium salt	4	Landscape maintenance	402	0	0
Napa	Glyphosate, potassium salt	4	Rights of way	79	0	0
Napa	Glyphosate, potassium salt	4	Uncultivated non-ag	37	0	39
Napa	Sulfur dioxide	5	Fumigation, other	13,070	6	0
Napa	Sulfur dioxide	5	Commodity fumigation	1,001	0	0
Napa	Sulfur dioxide	5	Grape, wine	4	1	0
Napa	Sulfur dioxide	5	None	2	0	0
Nevada	Sulfur	1	Grape, wine	16,066	97	1,379
Nevada	Sulfur	1	Landscape maintenance	9,035	0	0
Nevada	Sulfur	1	Cannabis (all or unspecified)	33	15	1
Nevada	Glyphosate, isopropylamine salt	2	Rights of way	2,284	0	0
Nevada	Glyphosate, isopropylamine salt	2	Landscape maintenance	2,275	0	0
Nevada	Glyphosate, isopropylamine salt	2	Grape, wine	335	7	170
Nevada	Glyphosate, isopropylamine salt	2	Water area	7	0	11
Nevada	Glyphosate, isopropylamine salt	2	Uncultivated non-ag	6	0	52
Nevada	Copper ethanolamine complexes, mixed	3	Rights of way	3,411	0	0
Nevada	Copper ethanolamine complexes, mixed	3	Landscape maintenance	125	0	0
Nevada	Copper ethanolamine complexes, mixed	3	Water area	85	3	35
Nevada	Sodium tetraborate decahydrate	4	Rights of way	2,685	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Nevada	Sodium tetraborate decahydrate	4	Structural pest control	< 1	0	0
Nevada	Copper triethanolamine complex	5	Rights of way	2,054	0	0
Nevada	Copper triethanolamine complex	5	Water area	< 1	2	< 1
Orange	Sulfuryl fluoride	1	Structural pest control	316,775	0	0
Orange	Sulfuryl fluoride	1	Fumigation, other	380	0	0
Orange	Mineral oil	2	Public health	33,715	0	0
Orange	Mineral oil	2	Avocado	13,988	30	630
Orange	Mineral oil	2	Lemon	7,317	11	275
Orange	Mineral oil	2	Landscape maintenance	4,546	3	< 1
Orange	Mineral oil	2	Rights of way	1,076	0	0
Orange	Glyphosate, isopropylamine salt	3	Landscape maintenance	22,049	1	1
Orange	Glyphosate, isopropylamine salt	3	Rights of way	17,525	15	30
Orange	Glyphosate, isopropylamine salt	3	N-outdr plants in containers	2,066	407	658
Orange	Glyphosate, isopropylamine salt	3	Uncultivated ag	862	64	110
Orange	Glyphosate, isopropylamine salt	3	Lemon	325	9	242
Orange	Fosetyl-al	4	Golf course turf	42,738	0	32
Orange	Fosetyl-al	4	Landscape maintenance	230	0	0
Orange	Fosetyl-al	4	N-outdr plants in containers	113	25	35
Orange	Chloropicrin	5	Strawberry	32,621	13	159
Orange	Chloropicrin	5	Tomato	447	1	2
Orange	Chloropicrin	5	Structural pest control	7	0	0
Placer	Propanil	1	Rice	42,290	165	9,458
Placer	Mineral oil	2	Walnut	17,632	46	3,029
Placer	Mineral oil	2	Rice	13,332	122	6,842
Placer	Mineral oil	2	Landscape maintenance	3,558	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Placer	Mineral oil	2	Almond	2,012	19	3,900
Placer	Mineral oil	2	Peach	304	10	25
Placer	Sulfur	3	Almond	25,541	15	3,583
Placer	Sulfur	3	Grape, wine	2,042	106	655
Placer	Sulfur	3	Nectarine	278	7	29
Placer	Sulfur	3	Peach	230	4	24
Placer	Sulfur	3	Regulatory pest control	100	0	0
Placer	Permethrin	4	Structural pest control	22,570	0	0
Placer	Permethrin	4	Regulatory pest control	94	0	0
Placer	Permethrin	4	Landscape maintenance	75	0	0
Placer	Glyphosate, isopropylamine salt	5	Rights of way	9,232	1	2
Placer	Glyphosate, isopropylamine salt	5	Forest, timberland	4,666	2	927
Placer	Glyphosate, isopropylamine salt	5	Landscape maintenance	3,891	1	4
Placer	Glyphosate, isopropylamine salt	5	Walnut	585	9	437
Placer	Glyphosate, isopropylamine salt	5	Uncultivated non-ag	467	2	344
Plumas	Glyphosate, dimethylamine salt	1	Forest, timberland	43,337	215	16,299
Plumas	Hexazinone	2	Forest, timberland	13,833	107	12,363
Plumas	Glyphosate, isopropylamine salt	3	Forest, timberland	9,120	18	4,365
Plumas	Glyphosate, isopropylamine salt	3	Rights of way	469	1	10
Plumas	Glyphosate, isopropylamine salt	3	Landscape maintenance	68	0	0
Plumas	Glyphosate, isopropylamine salt	3	County ag comm	13	0	0
Plumas	Glyphosate, isopropylamine salt	3	Forage hay/silage	2	2	2
Plumas	Imazapyr, isopropylamine salt	4	Forest, timberland	7,486	174	16,771
Plumas	Imazapyr, isopropylamine salt	4	Rights of way	< 1	0	0
Plumas	Sodium bromide	5	Water (industrial)	3,498	0	0
Riverside	Metam-sodium	1	Pepper, fruiting	280,938	51	1,239
Riverside	Metam-sodium	1	Lemon	46,566	6	220

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Riverside	Metam-sodium	1	Squash	24,549	7	101
Riverside	Metam-sodium	1	Grapefruit	10,160	2	40
Riverside	Metam-sodium	1	Lime	5,080	1	20
Riverside	Sulfur	2	Grape	128,080	883	27,818
Riverside	Sulfur	2	Alfalfa	48,495	233	10,277
Riverside	Sulfur	2	Carrot	35,591	257	7,706
Riverside	Sulfur	2	Lemon	26,970	82	3,455
Riverside	Sulfur	2	Tomato	22,868	37	932
Riverside	Mineral oil	3	Lemon	146,043	295	13,916
Riverside	Mineral oil	3	Grapefruit	58,844	140	6,078
Riverside	Mineral oil	3	Orange	18,927	73	1,863
Riverside	Mineral oil	3	Rights of way	18,808	3	6
Riverside	Mineral oil	3	Grape	7,874	319	8,370
Riverside	1,3-dichloropropene	4	Peach	173,639	4	545
Riverside	1,3-dichloropropene	4	Grape	49,391	3	161
Riverside	1,3-dichloropropene	4	Tangelo	4,209	1	17
Riverside	1,3-dichloropropene	4	Citrus	1,104	2	5
Riverside	Kaolin	5	Lemon	165,239	74	2,607
Riverside	Kaolin	5	Tangerine	23,132	11	330
Riverside	Kaolin	5	Tomato	15,865	13	417
Riverside	Kaolin	5	Mango	11,305	6	238
Riverside	Kaolin	5	Grapefruit	4,275	5	60
Sacramento	Sulfur	1	Grape, wine	3,150,008	3,612	244,522
Sacramento	Sulfur	1	Tomato, processing	99,178	67	5,060
Sacramento	Sulfur	1	Pear	14,744	90	1,599
Sacramento	Sulfur	1	Tomato	8,563	9	324
Sacramento	Sulfur	1	Cherry	1,600	12	334

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Sacramento	Mineral oil	2	Pear	484,468	1,123	39,397
Sacramento	Mineral oil	2	Cannabis (all or unspecified)	118,357	1,680	157
Sacramento	Mineral oil	2	Grape, wine	40,478	355	17,712
Sacramento	Mineral oil	2	Rice	22,690	128	9,940
Sacramento	Mineral oil	2	Almond	4,820	61	2,721
Sacramento	Glyphosate, isopropylamine salt	3	Grape, wine	24,052	505	11,360
Sacramento	Glyphosate, isopropylamine salt	3	Rights of way	20,814	7	296
Sacramento	Glyphosate, isopropylamine salt	3	Landscape maintenance	12,657	0	0
Sacramento	Glyphosate, isopropylamine salt	3	Almond	5,319	64	2,526
Sacramento	Glyphosate, isopropylamine salt	3	Uncultivated ag	4,017	77	3,304
Sacramento	Glyphosate, potassium salt	4	Grape, wine	18,240	232	7,549
Sacramento	Glyphosate, potassium salt	4	Landscape maintenance	9,443	0	0
Sacramento	Glyphosate, potassium salt	4	Alfalfa	7,243	119	4,366
Sacramento	Glyphosate, potassium salt	4	Rights of way	6,550	0	0
Sacramento	Glyphosate, potassium salt	4	Corn (forage - fodder)	6,549	140	4,267
Sacramento	Lime-sulfur	5	Pear	51,041	47	2,182
Sacramento	Lime-sulfur	5	Grape, wine	5,140	46	990
Sacramento	Lime-sulfur	5	Almond	289	2	39
San benito	Potassium n-methyldithiocarbamate	1	Pepper, fruiting	96,248	50	420
San benito	Diatomaceous earth	2	Lettuce, leaf	50,595	665	4,107
San benito	Diatomaceous earth	2	Broccoli	19,921	139	1,322
San benito	Diatomaceous earth	2	Cauliflower	6,505	82	418
San benito	Diatomaceous earth	2	Cabbage	4,827	59	317
San benito	Diatomaceous earth	2	Spinach	3,566	18	141
San benito	Mineral oil	3	Grape, wine	62,828	895	13,241
San benito	Mineral oil	3	Apple	3,480	16	245

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
San benito	Mineral oil	3	Uncultivated ag	581	59	755
San benito	Mineral oil	3	Apricot	387	5	30
San benito	Mineral oil	3	Lettuce, leaf	335	210	1,883
San benito	Sulfur	4	Grape, wine	36,608	298	9,037
San benito	Sulfur	4	Squash	6,188	58	451
San benito	Sulfur	4	Tomato, processing	5,221	46	1,159
San benito	Sulfur	4	Pepper, fruiting	2,641	66	477
San benito	Sulfur	4	Lettuce, leaf	512	14	130
San benito	Kaolin	5	Pepper, fruiting	8,906	9	143
San benito	Kaolin	5	Tomato	6,626	4	187
San benito	Kaolin	5	Onion, dry	4,137	11	62
San benito	Kaolin	5	Grape, wine	840	1	35
San benito	Kaolin	5	Walnut	594	1	12
San bernardino	Glyphosate, isopropylamine salt	1	Rights of way	32,344	22	122
San bernardino	Glyphosate, isopropylamine salt	1	Landscape maintenance	27,338	46	684
San bernardino	Glyphosate, isopropylamine salt	1	Alfalfa	2,537	23	1,332
San bernardino	Glyphosate, isopropylamine salt	1	N-outdr plants in containers	2,403	162	615
San bernardino	Glyphosate, isopropylamine salt	1	Corn (forage - fodder)	1,788	39	1,292
San bernardino	Sulfuryl fluoride	2	Structural pest control	53,951	0	0
San bernardino	Sulfuryl fluoride	2	Fumigation, other	164	0	0
San bernardino	Mineral oil	3	Orange	10,010	118	1,060

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
San bernardino	Mineral oil	3	Cannabis (all or unspecified)	5,373	104	10
San bernardino	Mineral oil	3	Golf course turf	3,356	0	176
San bernardino	Mineral oil	3	Lemon	3,189	13	445
San bernardino	Mineral oil	3	Corn (forage - fodder)	1,320	36	1,127
San bernardino	Boric acid	4	Structural pest control	24,221	0	0
San bernardino	Boric acid	4	Landscape maintenance	16	0	0
San bernardino	Glyphosate, potassium salt	5	Landscape maintenance	9,293	0	0
San bernardino	Glyphosate, potassium salt	5	Rights of way	5,231	0	0
San bernardino	Glyphosate, potassium salt	5	Orange	1,564	147	2,535
San bernardino	Glyphosate, potassium salt	5	Avocado	443	59	554
San bernardino	Glyphosate, potassium salt	5	Lemon	258	22	130
San diego	Sulfuryl fluoride	1	Structural pest control	379,221	0	0
San diego	Mineral oil	2	Avocado	95,251	216	4,491
San diego	Mineral oil	2	Lemon	37,090	301	2,837
San diego	Mineral oil	2	Orange	32,269	167	3,418
San diego	Mineral oil	2	Grapefruit	14,988	57	1,116
San diego	Mineral oil	2	N-outdr plants in containers	11,183	385	1,299
San diego	Sodium chlorate	3	Water (industrial)	120,576	0	0
San diego	Glyphosate, isopropylamine salt	4	Rights of way	29,601	13	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
San diego	Glyphosate, isopropylamine salt	4	Landscape maintenance	21,331	7	39
San diego	Glyphosate, isopropylamine salt	4	N-outdr plants in containers	17,312	2,666	5,741
San diego	Glyphosate, isopropylamine salt	4	Avocado	2,739	609	6,220
San diego	Glyphosate, isopropylamine salt	4	N-outdr flower	1,862	288	666
San diego	Metam-sodium	5	Tomato	61,891	20	538
San diego	Metam-sodium	5	N-outdr flower	4,529	15	18
San diego	Metam-sodium	5	N-grnhs flower	3,624	12	15
San diego	Metam-sodium	5	Rights of way	339	0	0
San diego	Metam-sodium	5	Strawberry	16	1	9
San francisco	Disodium octaborate tetrahydrate	1	Structural pest control	3,506	0	0
San francisco	Disodium octaborate tetrahydrate	1	Landscape maintenance	< 1	0	0
San francisco	Chlorothalonil	2	Golf course turf	3,153	0	507
San francisco	Chlorothalonil	2	Landscape maintenance	< 1	0	0
San francisco	Glutaraldehyde	3	Water (industrial)	2,582	0	0
San francisco	1-bromo-3-chloro-5,5-dimethyl hydantoin	4	Water (industrial)	2,497	0	0
San francisco	Potassium phosphite	5	Landscape maintenance	1,973	0	0
San francisco	Potassium phosphite	5	Golf course turf	91	0	14
San joaquin	Sulfur	1	Grape, wine	5,322,627	10,194	434,810
San joaquin	Sulfur	1	Tomato, processing	345,000	309	16,708
San joaquin	Sulfur	1	Cherry	37,920	396	7,425
San joaquin	Sulfur	1	Grape	35,144	74	4,023
San joaquin	Sulfur	1	Almond	32,854	129	4,732
San joaquin	Mineral oil	2	Almond	384,047	1,349	66,462
San joaquin	Mineral oil	2	Cherry	125,994	885	15,579
San joaquin	Mineral oil	2	Grape, wine	36,911	939	25,055
San joaquin	Mineral oil	2	Public health	30,554	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
San joaquin	Mineral oil	2	Apple	14,455	161	2,135
San joaquin	1,3-dichloropropene	3	Grape, wine	156,003	12	476
San joaquin	1,3-dichloropropene	3	Soil fumigation/preplant	132,967	21	405
San joaquin	1,3-dichloropropene	3	Almond	83,186	20	256
San joaquin	1,3-dichloropropene	3	Walnut	58,789	10	178
San joaquin	1,3-dichloropropene	3	Cherry	44,572	10	135
San joaquin	Glyphosate, isopropylamine salt	4	Almond	150,481	1,975	75,088
San joaquin	Glyphosate, isopropylamine salt	4	Walnut	44,488	921	25,699
San joaquin	Glyphosate, isopropylamine salt	4	Grape, wine	42,933	1,269	21,812
San joaquin	Glyphosate, isopropylamine salt	4	Rights of way	32,735	167	5,360
San joaquin	Glyphosate, isopropylamine salt	4	Landscape maintenance	28,465	0	0
San joaquin	Glyphosate, potassium salt	5	Almond	73,257	1,007	34,194
San joaquin	Glyphosate, potassium salt	5	Grape, wine	30,694	576	15,907
San joaquin	Glyphosate, potassium salt	5	Walnut	29,574	526	15,622
San joaquin	Glyphosate, potassium salt	5	Alfalfa	24,685	305	14,134
San joaquin	Glyphosate, potassium salt	5	Corn (forage - fodder)	15,875	186	10,990
San luis obispo	Sulfur	1	Grape, wine	424,553	3,033	121,319
San luis obispo	Sulfur	1	Strawberry	79,494	303	10,139
San luis obispo	Sulfur	1	Carrot	62,551	142	9,206
San luis obispo	Sulfur	1	Peas	12,464	41	727
San luis obispo	Sulfur	1	Grape	10,309	45	1,853
San luis obispo	Chloropicrin	2	Strawberry	468,471	95	2,431

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
San luis obispo	Chloropicrin	2	Blackberry	9,801	1	33
San luis obispo	Chloropicrin	2	Raspberry	3,564	1	12
San luis obispo	Chloropicrin	2	Squash, summer	2,350	2	25
San luis obispo	Chloropicrin	2	Structural pest control	27	0	0
San luis obispo	Mineral oil	3	Grape, wine	196,663	1,139	43,418
San luis obispo	Mineral oil	3	Avocado	84,345	183	5,830
San luis obispo	Mineral oil	3	Lemon	35,000	87	3,011
San luis obispo	Mineral oil	3	Grape	9,803	18	706
San luis obispo	Mineral oil	3	Blackberry	5,811	57	845
San luis obispo	1,3-dichloropropene	4	Strawberry	119,863	38	1,117
San luis obispo	1,3-dichloropropene	4	Chinese cabbage (napa, wong bok, celery cabbage)	40,346	30	337
San luis obispo	1,3-dichloropropene	4	Carrot	18,312	3	155
San luis obispo	1,3-dichloropropene	4	Potato	709	1	6
San luis obispo	Potassium n-methyldithiocarbamate	5	Strawberry	92,372	19	361
San luis obispo	Potassium n-methyldithiocarbamate	5	Carrot	59,646	3	227
San mateo	Sulfuryl fluoride	1	Structural pest control	43,660	0	0
San mateo	Potassium n-methyldithiocarbamate	2	Brussels sprout	36,067	31	383

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
San mateo	Potassium phosphite	3	Landscape maintenance	19,146	0	0
San mateo	Potassium phosphite	3	Brussels sprout	718	38	408
San mateo	Potassium phosphite	3	Cannabis (all or unspecified)	5	3	< 1
San mateo	Mineral oil	4	Public health	15,088	0	0
San mateo	Mineral oil	4	Landscape maintenance	1,135	6	12
San mateo	Mineral oil	4	Grape, wine	702	49	173
San mateo	Mineral oil	4	Rights of way	36	0	0
San mateo	Mineral oil	4	N-grnhs plants in containers	18	7	4
San mateo	Sodium percarbonate	5	Ditch bank	8,492	0	18
Santa barbara	Chloropicrin	1	Strawberry	1,847,565	314	9,463
Santa barbara	Chloropicrin	1	Squash	29,695	27	316
Santa barbara	Chloropicrin	1	Squash, summer	16,685	17	178
Santa barbara	Chloropicrin	1	Raspberry	10,712	3	39
Santa barbara	Chloropicrin	1	N-outdr flower	9,143	3	36
Santa barbara	Sulfur	2	Grape, wine	626,717	1,920	108,482
Santa barbara	Sulfur	2	Strawberry	200,445	1,485	46,946
Santa barbara	Sulfur	2	Carrot	43,055	108	7,518
Santa barbara	Sulfur	2	Peas	23,419	82	902
Santa barbara	Sulfur	2	Broccoli	7,224	262	2,210
Santa barbara	Potassium n-methyldithiocarbamate	3	Strawberry	463,282	61	1,741
Santa barbara	Potassium n-methyldithiocarbamate	3	Carrot	181,024	8	886
Santa barbara	1,3-dichloropropene	4	Strawberry	357,813	119	3,288
Santa barbara	1,3-dichloropropene	4	Grape, wine	32,735	3	99
Santa barbara	1,3-dichloropropene	4	N-outdr flower	3,009	2	21
Santa barbara	Mineral oil	5	Avocado	90,742	274	4,664

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Santa barbara	Mineral oil	5	Grape, wine	77,570	692	22,162
Santa barbara	Mineral oil	5	Lemon	55,185	189	2,379
Santa barbara	Mineral oil	5	Landscape maintenance	46,694	0	0
Santa barbara	Mineral oil	5	Blackberry	28,781	236	2,823
Santa clara	Potassium n-methyldithiocarbamate	1	Pepper, fruiting	129,499	38	622
Santa clara	Potassium n-methyldithiocarbamate	1	Tomato	37,769	5	220
Santa clara	Sulfuryl fluoride	2	Structural pest control	137,904	0	0
Santa clara	Chloropicrin	3	Pepper, fruiting	35,569	22	246
Santa clara	Chloropicrin	3	Structural pest control	54	0	0
Santa clara	Sulfur	4	Grape, wine	13,600	220	2,734
Santa clara	Sulfur	4	Tomato	10,568	28	814
Santa clara	Sulfur	4	Tomato, processing	3,881	21	428
Santa clara	Sulfur	4	Pepper, fruiting	3,022	50	1,048
Santa clara	Sulfur	4	Cherry	530	1	221
Santa clara	Boric acid	5	Structural pest control	29,842	0	0
Santa clara	Boric acid	5	Landscape maintenance	474	0	0
Santa cruz	Chloropicrin	1	Strawberry	441,493	124	1,755
Santa cruz	Chloropicrin	1	Raspberry	151,026	36	513
Santa cruz	Chloropicrin	1	Blackberry	6,718	7	29
Santa cruz	Chloropicrin	1	Structural pest control	3	0	0
Santa cruz	1,3-dichloropropene	2	Strawberry	144,702	89	1,609
Santa cruz	1,3-dichloropropene	2	Brussels sprout	66,396	27	603
Santa cruz	1,3-dichloropropene	2	Raspberry	41,109	24	485
Santa cruz	1,3-dichloropropene	2	Blackberry	3,153	4	26
Santa cruz	Soybean oil	3	Blackberry	58,207	332	4,010
Santa cruz	Soybean oil	3	Raspberry	2,252	21	148
Santa cruz	Soybean oil	3	Research commodity	1,333	81	103

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Santa cruz	Soybean oil	3	N-outdr plants in containers	270	10	29
Santa cruz	Soybean oil	3	Apple	86	2	5
Santa cruz	Sulfuryl fluoride	4	Structural pest control	45,493	0	0
Santa cruz	Potassium n-methyldithiocarbamate	5	Strawberry	41,566	10	168
Santa cruz	Potassium n-methyldithiocarbamate	5	Brussels sprout	1,419	2	16
Shasta	Glyphosate, dimethylamine salt	1	Forest, timberland	27,239	559	14,135
Shasta	Glyphosate, dimethylamine salt	1	Rights of way	8,947	0	0
Shasta	Glyphosate, dimethylamine salt	1	Uncultivated ag	12	2	9
Shasta	Methyl bromide	2	Soil fumigation/preplant	34,005	12	163
Shasta	Methyl bromide	2	Fumigation, other	102	0	0
Shasta	Copper sulfate (pentahydrate)	3	Rice, wild	31,499	32	2,340
Shasta	Chloropicrin	4	Soil fumigation/preplant	25,353	11	163
Shasta	Glyphosate, isopropylamine salt	5	Rights of way	6,025	3	28
Shasta	Glyphosate, isopropylamine salt	5	Landscape maintenance	4,153	0	0
Shasta	Glyphosate, isopropylamine salt	5	Forest, timberland	3,214	94	2,037
Shasta	Glyphosate, isopropylamine salt	5	Alfalfa	1,099	11	713
Shasta	Glyphosate, isopropylamine salt	5	Rice, wild	1,044	5	243
Sierra	Glyphosate, isopropylamine salt	1	Rights of way	1,801	0	0
Sierra	Glyphosate, isopropylamine salt	1	Alfalfa	237	1	140
Sierra	Glyphosate, isopropylamine salt	1	Wheat (forage - fodder)	61	1	60
Sierra	Glyphosate, isopropylamine salt	1	Uncultivated non-ag	2	0	2
Sierra	Glyphosate, isopropylamine salt	1	Forest, timberland	2	0	45
Sierra	Permethrin	2	Structural pest control	37	0	0
Sierra	Metam-sodium	3	Rights of way	33	0	0
Sierra	Diuron	4	Alfalfa	27	1	45
Sierra	Aminopyralid, triisopropanolamine salt	5	County ag comm	13	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Sierra	Aminopyralid, triisopropanolamine salt	5	Rights of way	4	0	0
Sierra	Aminopyralid, triisopropanolamine salt	5	Forest, timberland	< 1	0	150
Siskiyou	Methyl bromide	1	Soil fumigation/preplant	767,227	156	3,411
Siskiyou	Chloropicrin	2	Soil fumigation/preplant	448,010	155	3,397
Siskiyou	Sulfur	3	Strawberry	22,410	183	7,603
Siskiyou	Sulfur	3	Raspberry	963	16	266
Siskiyou	Glyphosate, isopropylamine salt	4	Forest, timberland	8,080	98	3,397
Siskiyou	Glyphosate, isopropylamine salt	4	Rights of way	2,706	0	0
Siskiyou	Glyphosate, isopropylamine salt	4	Alfalfa	1,846	33	1,568
Siskiyou	Glyphosate, isopropylamine salt	4	Landscape maintenance	182	17	19
Siskiyou	Glyphosate, isopropylamine salt	4	Onion, dry	60	1	60
Siskiyou	Captan	5	Strawberry	12,448	128	5,676
Siskiyou	Captan	5	Raspberry	84	2	0
Solano	Sulfur	1	Grape, wine	279,625	1,051	27,977
Solano	Sulfur	1	Tomato, processing	247,457	158	11,825
Solano	Sulfur	1	Almond	47,311	60	3,509
Solano	Sulfur	1	Tomato	11,584	6	591
Solano	Sulfur	1	Prune	6,419	8	416
Solano	Mineral oil	2	Almond	88,665	91	19,380
Solano	Mineral oil	2	Prune	17,580	20	2,469
Solano	Mineral oil	2	Pear	16,471	35	1,579
Solano	Mineral oil	2	Grape, wine	5,747	78	1,389
Solano	Mineral oil	2	Rights of way	1,979	2	1,120
Solano	Glyphosate, potassium salt	3	Alfalfa	31,751	400	18,061
Solano	Glyphosate, potassium salt	3	Almond	19,189	197	8,907
Solano	Glyphosate, potassium salt	3	Uncultivated ag	15,588	206	9,321
Solano	Glyphosate, potassium salt	3	Walnut	2,987	60	1,829

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Solano	Glyphosate, potassium salt	3	Landscape maintenance	2,984	0	0
Solano	Glyphosate, isopropylamine salt	4	Almond	24,947	192	10,947
Solano	Glyphosate, isopropylamine salt	4	Rights of way	18,724	4	1,120
Solano	Glyphosate, isopropylamine salt	4	Uncultivated ag	8,090	96	5,281
Solano	Glyphosate, isopropylamine salt	4	Landscape maintenance	7,422	1	< 1
Solano	Glyphosate, isopropylamine salt	4	Walnut	7,115	126	5,328
Solano	Metam-sodium	5	Tomato, processing	27,984	3	183
Solano	Metam-sodium	5	N-outdr transplants	16,933	2	80
Solano	Metam-sodium	5	Rights of way	773	0	0
Sonoma	Sulfur	1	Grape, wine	1,526,122	11,268	242,310
Sonoma	Sulfur	1	Apple	8,538	151	1,188
Sonoma	Sulfur	1	Olive	73	8	< 1
Sonoma	Sulfur	1	Cannabis (all or unspecified)	33	522	22
Sonoma	Sulfur	1	Landscape maintenance	2	0	0
Sonoma	Mineral oil	2	Grape, wine	347,374	3,665	68,870
Sonoma	Mineral oil	2	Apple	20,296	104	803
Sonoma	Mineral oil	2	Landscape maintenance	3,592	0	0
Sonoma	Mineral oil	2	Public health	561	0	0
Sonoma	Mineral oil	2	N-outdr plants in containers	190	10	21
Sonoma	Lavandulyl senecioate	3	Grape, wine	72,163	895	22,962
Sonoma	Prodiamine	4	Landscape maintenance	30,790	0	0
Sonoma	Prodiamine	4	Rights of way	< 1	0	0
Sonoma	Sulfuryl fluoride	5	Structural pest control	29,412	0	0
Stanislaus	Mineral oil	1	Almond	1,056,592	2,535	158,202
Stanislaus	Mineral oil	1	Peach	26,393	143	1,502

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Stanislaus	Mineral oil	1	Apricot	14,093	110	2,686
Stanislaus	Mineral oil	1	Olive	8,460	13	1,671
Stanislaus	Mineral oil	1	Walnut	8,385	118	4,534
Stanislaus	Sulfur	2	Grape, wine	302,039	434	28,280
Stanislaus	Sulfur	2	Tomato, processing	126,128	74	5,308
Stanislaus	Sulfur	2	Almond	85,056	368	17,416
Stanislaus	Sulfur	2	Peach	15,620	167	2,445
Stanislaus	Sulfur	2	Watermelon	11,279	15	841
Stanislaus	1,3-dichloropropene	3	Almond	217,414	36	675
Stanislaus	1,3-dichloropropene	3	Sweet potato	122,002	37	1,055
Stanislaus	1,3-dichloropropene	3	Walnut	57,964	18	250
Stanislaus	1,3-dichloropropene	3	Soil fumigation/preplant	43,378	4	345
Stanislaus	1,3-dichloropropene	3	Tomato, processing	33,562	3	282
Stanislaus	Glyphosate, isopropylamine salt	4	Almond	250,281	3,337	137,212
Stanislaus	Glyphosate, isopropylamine salt	4	Rights of way	39,812	63	652
Stanislaus	Glyphosate, isopropylamine salt	4	Walnut	24,106	472	11,745
Stanislaus	Glyphosate, isopropylamine salt	4	Corn (forage - fodder)	21,831	401	15,277
Stanislaus	Glyphosate, isopropylamine salt	4	Landscape maintenance	7,228	0	0
Stanislaus	Glyphosate, potassium salt	5	Almond	176,290	2,641	93,329
Stanislaus	Glyphosate, potassium salt	5	Walnut	21,553	428	10,991
Stanislaus	Glyphosate, potassium salt	5	Corn (forage - fodder)	20,603	364	14,539
Stanislaus	Glyphosate, potassium salt	5	Alfalfa	5,476	99	3,346
Stanislaus	Glyphosate, potassium salt	5	Grape, wine	4,457	97	2,190
Sutter	Propanil	1	Rice	490,726	1,171	108,685
Sutter	Mineral oil	2	Rice	150,512	759	75,416
Sutter	Mineral oil	2	Prune	81,216	236	8,821
Sutter	Mineral oil	2	Peach	78,620	317	4,611

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Sutter	Mineral oil	2	Almond	8,652	96	4,077
Sutter	Mineral oil	2	Walnut	7,774	348	9,811
Sutter	Copper sulfate (pentahydrate)	3	Rice	187,857	184	14,890
Sutter	Copper sulfate (pentahydrate)	3	Alfalfa	579	2	43
Sutter	Copper sulfate (pentahydrate)	3	Uncultivated ag	513	1	37
Sutter	Copper sulfate (pentahydrate)	3	Rights of way	248	0	0
Sutter	Copper sulfate (pentahydrate)	3	Walnut	247	18	484
Sutter	1,3-dichloropropene	4	Soil fumigation/preplant	104,403	23	322
Sutter	1,3-dichloropropene	4	Peach	18,766	8	57
Sutter	1,3-dichloropropene	4	Uncultivated ag	16,326	7	50
Sutter	1,3-dichloropropene	4	Walnut	15,402	4	47
Sutter	1,3-dichloropropene	4	Almond	6,761	1	20
Sutter	Sulfur	5	Tomato, processing	73,086	43	4,143
Sutter	Sulfur	5	Peach	25,835	126	1,787
Sutter	Sulfur	5	Prune	15,828	25	1,067
Sutter	Sulfur	5	Cantaloupe	14,304	6	934
Sutter	Sulfur	5	Tomato	11,182	7	593
Tehama	1,3-dichloropropene	1	Soil fumigation/preplant	165,109	9	501
Tehama	1,3-dichloropropene	1	Walnut	4,599	114	19
Tehama	1,3-dichloropropene	1	Uncultivated ag	4,115	1	13
Tehama	1,3-dichloropropene	1	Prune	1,662	1	5
Tehama	Copper hydroxide	2	Walnut	93,078	773	20,713
Tehama	Copper hydroxide	2	Olive	28,005	105	7,303
Tehama	Copper hydroxide	2	Almond	2,287	26	2,222
Tehama	Copper hydroxide	2	Prune	838	14	340
Tehama	Copper hydroxide	2	Rights of way	253	0	0
Tehama	Glyphosate, isopropylamine salt	3	Walnut	26,496	869	15,803

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Tehama	Glyphosate, isopropylamine salt	3	Almond	18,904	221	8,124
Tehama	Glyphosate, isopropylamine salt	3	Forest, timberland	7,051	19	2,736
Tehama	Glyphosate, isopropylamine salt	3	Rights of way	6,948	14	142
Tehama	Glyphosate, isopropylamine salt	3	Uncultivated ag	3,819	229	2,505
Tehama	Glyphosate, potassium salt	4	Walnut	22,910	385	11,109
Tehama	Glyphosate, potassium salt	4	Almond	17,380	237	7,844
Tehama	Glyphosate, potassium salt	4	Olive	3,964	57	1,261
Tehama	Glyphosate, potassium salt	4	Prune	3,578	85	1,735
Tehama	Glyphosate, potassium salt	4	Uncultivated ag	600	14	240
Tehama	Sulfuryl fluoride	5	Commodity fumigation	28,859	0	0
Tehama	Sulfuryl fluoride	5	Walnut	10,860	0	0
Tehama	Sulfuryl fluoride	5	Fumigation, other	3,742	0	0
Tehama	Sulfuryl fluoride	5	Almond	3,110	0	0
Tehama	Sulfuryl fluoride	5	Structural pest control	303	0	0
Trinity	Glyphosate, dimethylamine salt	1	Forest, timberland	6,260	101	4,222
Trinity	Glyphosate, isopropylamine salt	2	Forest, timberland	2,762	21	1,203
Trinity	Glyphosate, isopropylamine salt	2	Landscape maintenance	6	0	0
Trinity	Glyphosate, isopropylamine salt	2	Rights of way	6	0	0
Trinity	Imazapyr, isopropylamine salt	3	Forest, timberland	1,788	58	3,157
Trinity	Clopyralid, monoethanolamine salt	4	Forest, timberland	872	27	1,054
Trinity	Oxyfluorfen	5	Forest, timberland	380	6	262
Tulare	Mineral oil	1	Orange	2,442,069	11,660	216,669
Tulare	Mineral oil	1	Almond	874,779	1,707	94,357
Tulare	Mineral oil	1	Tangerine	765,510	3,476	78,822
Tulare	Mineral oil	1	Lemon	425,050	2,082	32,380
Tulare	Mineral oil	1	Peach	329,588	2,622	33,544
Tulare	Calcium hydroxide	2	Orange	1,833,660	4,055	75,017

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Tulare	Calcium hydroxide	2	Tangerine	338,362	972	21,422
Tulare	Calcium hydroxide	2	Lemon	310,365	772	12,049
Tulare	Calcium hydroxide	2	Grape	53,753	137	5,096
Tulare	Calcium hydroxide	2	Tangelo	41,876	129	1,645
Tulare	Sulfur	3	Grape	1,518,303	5,868	261,631
Tulare	Sulfur	3	Grape, wine	137,746	425	22,580
Tulare	Sulfur	3	Pistachio	116,365	341	24,388
Tulare	Sulfur	3	Peach	30,692	703	9,736
Tulare	Sulfur	3	Almond	27,273	66	3,686
Tulare	Kaolin	4	Tangerine	373,022	440	8,553
Tulare	Kaolin	4	Orange	120,513	145	2,430
Tulare	Kaolin	4	Cherry	45,089	24	886
Tulare	Kaolin	4	Walnut	33,768	12	914
Tulare	Kaolin	4	Grapefruit	17,168	39	413
Tulare	Glyphosate, isopropylamine salt	5	Corn (forage - fodder)	100,387	1,327	75,008
Tulare	Glyphosate, isopropylamine salt	5	Almond	82,359	1,175	50,541
Tulare	Glyphosate, isopropylamine salt	5	Rights of way	77,339	22	86
Tulare	Glyphosate, isopropylamine salt	5	Pistachio	64,108	917	39,213
Tulare	Glyphosate, isopropylamine salt	5	Orange	25,265	1,105	19,958
Tuolumne	Glyphosate, isopropylamine salt	1	Forest, timberland	8,868	90	2,084
Tuolumne	Glyphosate, isopropylamine salt	1	Rights of way	1,452	3	150
Tuolumne	Glyphosate, isopropylamine salt	1	Landscape maintenance	1,045	0	0
Tuolumne	Glyphosate, isopropylamine salt	1	Grape, wine	26	3	8
Tuolumne	Glyphosate, isopropylamine salt	1	Regulatory pest control	19	0	0
Tuolumne	Glyphosate, dimethylamine salt	2	Forest, timberland	7,148	91	1,862
Tuolumne	Glyphosate, dimethylamine salt	2	Rights of way	1,055	0	0
Tuolumne	Sodium tetraborate decahydrate	3	Rights of way	2,265	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Tuolumne	Sodium tetraborate decahydrate	3	Forest, timberland	137	2	137
Tuolumne	Sodium tetraborate decahydrate	3	Structural pest control	< 1	0	0
Tuolumne	Glyphosate, potassium salt	4	Rights of way	952	0	0
Tuolumne	Glyphosate, potassium salt	4	Landscape maintenance	120	0	0
Tuolumne	Glyphosate, potassium salt	4	Olive	< 1	1	< 1
Tuolumne	Copper ethanolamine complexes, mixed	5	Water area	876	0	325
Tuolumne	Copper ethanolamine complexes, mixed	5	Rights of way	9	0	0
Tuolumne	Copper ethanolamine complexes, mixed	5	Landscape maintenance	8	0	0
Ventura	Chloropicrin	1	Strawberry	1,792,472	287	10,133
Ventura	Chloropicrin	1	Pepper, fruiting	34,678	5	184
Ventura	Chloropicrin	1	N-outdr flower	8,615	17	35
Ventura	Chloropicrin	1	Tomato	7,699	2	38
Ventura	Chloropicrin	1	Structural pest control	< 1	0	0
Ventura	Mineral oil	2	Lemon	805,080	1,359	25,941
Ventura	Mineral oil	2	Avocado	180,969	711	12,328
Ventura	Mineral oil	2	Blackberry	50,272	656	7,191
Ventura	Mineral oil	2	Raspberry	22,817	801	7,805
Ventura	Mineral oil	2	Orange	16,355	83	1,000
Ventura	Potassium n-methyldithiocarbamate	3	Strawberry	773,417	68	2,937
Ventura	Potassium n-methyldithiocarbamate	3	Pepper, fruiting	153,353	25	569
Ventura	Potassium n-methyldithiocarbamate	3	N-outdr flower	3,001	7	11
Ventura	Potassium n-methyldithiocarbamate	3	Tomato	1,534	2	26
Ventura	1,3-dichloropropene	4	Strawberry	316,623	56	2,209
Ventura	1,3-dichloropropene	4	Tomato	4,719	1	21
Ventura	1,3-dichloropropene	4	N-outdr flower	2,608	9	19
Ventura	Metam-sodium	5	Strawberry	188,073	18	789
Ventura	Metam-sodium	5	Rights of way	94	0	0

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Yolo	Sulfur	1	Grape, wine	1,434,786	2,737	116,985
Yolo	Sulfur	1	Tomato, processing	230,709	178	12,188
Yolo	Sulfur	1	Tomato	41,924	31	2,070
Yolo	Sulfur	1	Almond	26,768	34	2,118
Yolo	Sulfur	1	Prune	5,702	6	396
Yolo	Potassium n-methyldithiocarbamate	2	Uncultivated ag	176,314	13	1,137
Yolo	Potassium n-methyldithiocarbamate	2	Tomato, processing	13,305	1	75
Yolo	Mineral oil	3	Grape, wine	38,146	391	10,631
Yolo	Mineral oil	3	Pear	31,977	153	2,090
Yolo	Mineral oil	3	Almond	31,254	168	10,328
Yolo	Mineral oil	3	Rice	28,638	136	12,244
Yolo	Mineral oil	3	Apple	14,444	72	934
Yolo	Glyphosate, isopropylamine salt	4	Uncultivated ag	42,857	373	28,822
Yolo	Glyphosate, isopropylamine salt	4	Almond	24,299	334	14,725
Yolo	Glyphosate, isopropylamine salt	4	Pistachio	14,045	103	5,540
Yolo	Glyphosate, isopropylamine salt	4	Grape, wine	12,373	323	7,098
Yolo	Glyphosate, isopropylamine salt	4	Rights of way	11,666	12	232
Yolo	Propanil	5	Rice	121,652	245	25,074
Yuba	Propanil	1	Rice	160,466	547	36,096
Yuba	Propanil	1	Research commodity	29	0	0
Yuba	Mineral oil	2	Prune	51,938	96	4,699
Yuba	Mineral oil	2	Peach	29,328	168	1,953
Yuba	Mineral oil	2	Rice	29,264	252	16,966
Yuba	Mineral oil	2	Kiwi fruit fuzzy	14,054	296	2,735
Yuba	Mineral oil	2	Walnut	4,790	100	4,367
Yuba	Copper sulfate (pentahydrate)	3	Rice	63,728	91	4,743
Yuba	Copper sulfate (pentahydrate)	3	Walnut	112	5	198

County	Chemical	Rank	Commodity or Site	Pounds Applied	Apps	Acres Treated
Yuba	Copper sulfate (pentahydrate)	3	Plum	5	3	6
Yuba	Copper sulfate (pentahydrate)	3	Citrus	4	2	4
Yuba	Copper sulfate (pentahydrate)	3	Landscape maintenance	2	0	0
Yuba	Copper hydroxide	4	Walnut	38,573	227	11,027
Yuba	Copper hydroxide	4	Peach	6,297	69	935
Yuba	Copper hydroxide	4	Prune	4,446	15	1,402
Yuba	Copper hydroxide	4	Olive	1,038	4	247
Yuba	Copper hydroxide	4	Almond	113	1	150
Yuba	Glyphosate, potassium salt	5	Walnut	17,450	195	8,536
Yuba	Glyphosate, potassium salt	5	Kiwi fruit fuzzy	7,442	252	2,131
Yuba	Glyphosate, potassium salt	5	Almond	4,182	34	2,109
Yuba	Glyphosate, potassium salt	5	Prune	4,121	45	2,084
Yuba	Glyphosate, potassium salt	5	Rights of way	3,843	22	1,181