

The Top Five Chemicals by Pounds Applied in each County in 2022 and the Top Five Commodities

[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The ranking of chemicals and commodities (sites) is determined by total pounds of chemicals used. Note that there may be less than five commodities or sites associated with a chemical in some cases. 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. Chemical names that end with an " * " are adjuvants. Application counts (Apps) include only agricultural pesticide uses. A zero value in Acre Treated or Apps indicates that the pounds applied were nonagricultural uses. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Alameda	Sulfuryl fluoride	Structural pest control	70,040	<0.01	<0.01
Alameda	Sulfuryl fluoride	Fumigation, other	131	<0.01	<0.01
Alameda	Sulfuryl fluoride	Commodity fumigation	2	<0.01	<0.01
Alameda	Sodium chlorate	Water (industrial)	20,555	<0.01	<0.01
Alameda	Sulfur	Grape, wine	18,333	449	5,219
Alameda	Sulfur	Cannabis (all or unspecified)	74	186	6
Alameda	Sulfur	Regulatory pest control	6	<0.01	<0.01
Alameda	Sulfur	Landscape maintenance	1	<0.01	<0.01
Alameda	Sulfur	Vertebrate control	1	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Alameda	Glyphosate, isopropylamine salt	Rights of way	7,561	<0.01	<0.01
Alameda	Glyphosate, isopropylamine salt	Landscape maintenance	6,124	<0.01	<0.01
Alameda	Glyphosate, isopropylamine salt	Almond	1,039	7	632
Alameda	Glyphosate, isopropylamine salt	Grape, wine	906	225	933
Alameda	Glyphosate, isopropylamine salt	Uncultivated non-ag	181	<0.01	360
Alameda	Mineral oil	Grape, wine	10,246	444	2,355
Alameda	Mineral oil	Public health	3,739	<0.01	<0.01
Alameda	Mineral oil	Landscape maintenance	594	<0.01	<0.01
Alameda	Mineral oil	Cannabis (all or unspecified)	478	547	19
Alameda	Mineral oil	N-outdr plants in containers	353	13	10
Alpine	Mineral oil	Structural pest control	96	<0.01	<0.01
Alpine	Glyphosate, dimethylamine salt	Forest, timberland	33	4	48
Alpine	Oxyfluorfen	Forest, timberland	29	3	18
Alpine	Copper ethanolamine complexes, mixed	Water area	29	2	20
Alpine	Methylated soybean oil*	Forest, timberland	22	4	50
Amador	Sulfur	Grape, wine	73,178	782	10,779
Amador	Mineral oil	Grape, wine	8,065	416	4,739
Amador	Mineral oil	Wheat (forage - fodder)	49	9	515
Amador	Mineral oil	Landscape maintenance	32	<0.01	<0.01
Amador	Mineral oil	Walnut	21	1	14
Amador	Mineral oil	Rights of way	1	<0.01	<0.01
Amador	Glyphosate, isopropylamine salt	Rights of way	1,690	1	3
Amador	Glyphosate, isopropylamine salt	Grape, wine	1,466	157	800
Amador	Glyphosate, isopropylamine salt	Walnut	905	21	300
Amador	Glyphosate, isopropylamine salt	Landscape maintenance	718	<0.01	<0.01
Amador	Glyphosate, isopropylamine salt	Rangeland	35	25	133

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Amador	Glyphosate, potassium salt	Grape, wine	1,894	108	1,022
Amador	Glyphosate, potassium salt	Alfalfa	775	9	411
Amador	Glyphosate, potassium salt	Uncultivated non-ag	116	2	13
Amador	Glyphosate, potassium salt	Landscape maintenance	84	<0.01	<0.01
Amador	Glyphosate, potassium salt	Rights of way	56	<0.01	<0.01
Amador	Methylated soybean oil*	Forest, timberland	1,267	43	605
Amador	Methylated soybean oil*	Rights of way	972	<0.01	<0.01
Amador	Methylated soybean oil*	Landscape maintenance	251	<0.01	<0.01
Amador	Methylated soybean oil*	Grape, wine	79	14	157
Amador	Methylated soybean oil*	Uncultivated non-ag	8	2	102
Butte	Propanil	Rice	507,508	1,453	119,716
Butte	Mineral oil	Rice	134,272	1,108	94,122
Butte	Mineral oil	Peach	65,123	94	1,607
Butte	Mineral oil	Prune	50,373	81	4,434
Butte	Mineral oil	Almond	11,652	158	4,039
Butte	Mineral oil	Walnut	7,661	222	6,918
Butte	Copper sulfate (pentahydrate)	Rice	246,566	257	18,407
Butte	Copper sulfate (pentahydrate)	Rice, wild	1,740	5	113
Butte	Copper sulfate (pentahydrate)	Water (industrial)	862	<0.01	<0.01
Butte	Copper sulfate (pentahydrate)	Walnut	762	28	1,710
Butte	Copper sulfate (pentahydrate)	Ditch bank	647	<0.01	<0.01
Butte	Copper hydroxide	Walnut	199,948	1,407	56,557
Butte	Copper hydroxide	Peach	9,150	44	975
Butte	Copper hydroxide	Prune	5,453	17	1,107
Butte	Copper hydroxide	Olive	3,947	30	1,418
Butte	Copper hydroxide	Almond	1,314	19	434
Butte	1,3-dichloropropene	Uncultivated ag	116,708	6	354
Butte	1,3-dichloropropene	Walnut	46,195	26	153

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Butte	1,3-dichloropropene	Bean, dried	20,119	1	61
Butte	1,3-dichloropropene	Peach	3,628	1	11
Calaveras	Methylated soybean oil*	Forest, timberland	13,943	199	4,548
Calaveras	Methylated soybean oil*	Rangeland	2,683	5	1,965
Calaveras	Methylated soybean oil*	Rights of way	1,025	3	32
Calaveras	Methylated soybean oil*	Landscape maintenance	794	<0.01	<0.01
Calaveras	Methylated soybean oil*	Pistachio	15	1	13
Calaveras	Glyphosate, dimethylamine salt	Forest, timberland	13,449	187	3,738
Calaveras	Glyphosate, dimethylamine salt	Rights of way	463	<0.01	<0.01
Calaveras	Sulfur	Grape, wine	9,845	156	1,648
Calaveras	Sulfur	N-grnhs flower	29	<0.01	13
Calaveras	Sulfur	Structural pest control	0	<0.01	<0.01
Calaveras	Glyphosate, isopropylamine salt	Rights of way	4,340	5	36
Calaveras	Glyphosate, isopropylamine salt	Landscape maintenance	1,989	<0.01	<0.01
Calaveras	Glyphosate, isopropylamine salt	Forest, timberland	735	7	410
Calaveras	Glyphosate, isopropylamine salt	Grape, wine	110	14	92
Calaveras	Glyphosate, isopropylamine salt	Walnut	106	3	156
Calaveras	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	Rights of way	3,877	<0.01	<0.01
Calaveras	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	Landscape maintenance	17	<0.01	<0.01
Calaveras	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	Grape, wine	16	37	199
Calaveras	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	Walnut	6	1	24
Calaveras	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	Rangeland	2	2	284
Colusa	Mineral oil	Almond	113,173	142	12,210
Colusa	Mineral oil	Walnut	14,101	131	8,649

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Colusa	Mineral oil	Rice	14,086	126	8,951
Colusa	Mineral oil	Rights of way	2,754	17	287
Colusa	Mineral oil	Prune	732	1	52
Colusa	Glyphosate, potassium salt	Almond	72,785	659	31,340
Colusa	Glyphosate, potassium salt	Uncultivated ag	21,766	107	6,986
Colusa	Glyphosate, potassium salt	Walnut	18,973	196	7,455
Colusa	Glyphosate, potassium salt	Tomato, processing	5,772	22	1,808
Colusa	Glyphosate, potassium salt	Rights of way	4,706	30	1,982
Colusa	Propanil	Rice	113,172	372	27,564
Colusa	Sulfur	Tomato, processing	50,569	107	6,610
Colusa	Sulfur	Grape, wine	31,674	70	5,330
Colusa	Sulfur	Almond	3,819	8	251
Colusa	Glyphosate, isopropylamine salt	Rights of way	21,605	23	422
Colusa	Glyphosate, isopropylamine salt	Walnut	15,583	155	7,376
Colusa	Glyphosate, isopropylamine salt	Almond	14,862	153	7,477
Colusa	Glyphosate, isopropylamine salt	Uncultivated ag	10,205	59	5,087
Colusa	Glyphosate, isopropylamine salt	Tomato, processing	1,138	7	605
Contra Costa	Sulfur	Grape, wine	62,775	470	4,851
Contra Costa	Sulfur	Tomato, processing	61,735	110	4,453
Contra Costa	Sulfur	Almond	10,238	6	2,133
Contra Costa	Sulfur	Peach	1,393	29	231
Contra Costa	Sulfur	Nectarine	619	22	103
Contra Costa	Mineral oil	Public health	19,295	<0.01	<0.01
Contra Costa	Mineral oil	Cherry	10,321	80	1,170
Contra Costa	Mineral oil	Landscape maintenance	2,452	<0.01	<0.01
Contra Costa	Mineral oil	Almond	1,516	29	3,555
Contra Costa	Mineral oil	Corn, human consumption	1,376	39	570

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Contra Costa	Glyphosate, isopropylamine salt	Landscape maintenance	6,833	<0.01	<0.01
Contra Costa	Glyphosate, isopropylamine salt	Rights of way	6,024	<0.01	<0.01
Contra Costa	Glyphosate, isopropylamine salt	Water area	2,742	<0.01	291
Contra Costa	Glyphosate, isopropylamine salt	Uncultivated ag	2,618	82	1,034
Contra Costa	Glyphosate, isopropylamine salt	Corn (forage - fodder)	2,520	16	1,827
Contra Costa	Sulfuryl fluoride	Structural pest control	10,994	<0.01	<0.01
Contra Costa	Sulfuryl fluoride	Walnut	3,076	<0.01	<0.01
Contra Costa	Sulfuryl fluoride	Nuts	2,020	5	<0.01
Contra Costa	Sulfuryl fluoride	Commodity fumigation	1,638	<0.01	<0.01
Contra Costa	Glyphosate, potassium salt	Uncultivated ag	4,197	121	2,690
Contra Costa	Glyphosate, potassium salt	Landscape maintenance	1,980	<0.01	<0.01
Contra Costa	Glyphosate, potassium salt	Tomato, processing	1,467	27	1,011
Contra Costa	Glyphosate, potassium salt	Alfalfa	1,231	4	649
Contra Costa	Glyphosate, potassium salt	Almond	924	13	702
Del Norte	1,3-dichloropropene	Soil fumigation/preplant	61,985	22	225
Del Norte	Metam-sodium	N-outdr flower	28,052	14	88
Del Norte	Metam-sodium	Soil fumigation/preplant	15,388	11	48
Del Norte	Copper hydroxide	N-outdr flower	9,071	695	5,409
Del Norte	Methylated soybean oil*	Forest, timberland	5,778	92	1,941
Del Norte	Methylated soybean oil*	Rights of way	35	<0.01	<0.01
Del Norte	Chlorothalonil	N-outdr flower	3,071	354	2,888
El Dorado	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Forest, timberland	40,409	380	7,258
El Dorado	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Rights of way	270	<0.01	<0.01
El Dorado	Mineral oil	Grape, wine	18,735	427	3,913
El Dorado	Mineral oil	Apple	12,296	133	719

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
El Dorado	Mineral oil	Pear	2,416	16	74
El Dorado	Mineral oil	Landscape maintenance	558	<0.01	<0.01
El Dorado	Mineral oil	Blueberry	547	5	26
El Dorado	Glyphosate, isopropylamine salt	Forest, timberland	23,236	289	4,872
El Dorado	Glyphosate, isopropylamine salt	Rights of way	5,634	2	2
El Dorado	Glyphosate, isopropylamine salt	Landscape maintenance	4,351	<0.01	<0.01
El Dorado	Glyphosate, isopropylamine salt	Grape, wine	742	78	853
El Dorado	Glyphosate, isopropylamine salt	Pear	100	1	25
El Dorado	Glyphosate, dimethylamine salt	Forest, timberland	26,158	269	5,549
El Dorado	Glyphosate, dimethylamine salt	Rights of way	358	<0.01	<0.01
El Dorado	Glyphosate, dimethylamine salt	Landscape maintenance	3	<0.01	<0.01
El Dorado	Methylated soybean oil*	Forest, timberland	19,336	681	12,377
El Dorado	Methylated soybean oil*	Rights of way	2,564	<0.01	<0.01
El Dorado	Methylated soybean oil*	Landscape maintenance	1,260	<0.01	<0.01
El Dorado	Methylated soybean oil*	Grape, wine	16	17	161
El Dorado	Methylated soybean oil*	Uncultivated non-ag	3	<0.01	11
Fresno	Sulfur	Grape	2,766,041	12,506	399,480
Fresno	Sulfur	Tomato, processing	2,164,290	722	83,926
Fresno	Sulfur	Grape, wine	1,309,050	2,317	188,527
Fresno	Sulfur	Pistachio	148,566	358	41,881
Fresno	Sulfur	Pomegranate	135,839	135	7,419
Fresno	Mineral oil	Almond	3,722,330	5,924	318,229
Fresno	Mineral oil	Orange	530,134	2,026	40,102
Fresno	Mineral oil	Peach	497,431	2,766	61,033
Fresno	Mineral oil	Pistachio	421,422	1,013	84,630
Fresno	Mineral oil	Tangerine	317,040	1,413	27,691
Fresno	Potassium n-methyldithiocarbamate	Tomato, processing	1,387,179	187	7,111

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Fresno	Potassium n-methyldithiocarbamate	Onion, dry	205,087	9	837
Fresno	Potassium n-methyldithiocarbamate	Lettuce, head	152,558	28	747
Fresno	Potassium n-methyldithiocarbamate	Melon	130,576	42	869
Fresno	Potassium n-methyldithiocarbamate	Cantaloupe	85,685	19	258
Fresno	1,3-dichloropropene	Almond	438,446	66	1,340
Fresno	1,3-dichloropropene	Grape, wine	221,952	17	707
Fresno	1,3-dichloropropene	Peach	87,621	33	268
Fresno	1,3-dichloropropene	Nectarine	78,401	26	239
Fresno	1,3-dichloropropene	Grape	66,729	9	203
Fresno	Glyphosate, isopropylamine salt	Almond	206,676	2,587	106,951
Fresno	Glyphosate, isopropylamine salt	Pistachio	135,462	1,167	63,717
Fresno	Glyphosate, isopropylamine salt	Rights of way	93,743	12	33
Fresno	Glyphosate, isopropylamine salt	Cotton	60,289	318	27,151
Fresno	Glyphosate, isopropylamine salt	Tomato, processing	28,906	100	10,529
Glenn	Copper hydroxide	Walnut	108,186	842	30,360
Glenn	Copper hydroxide	Olive	40,154	174	9,708
Glenn	Copper hydroxide	Prune	2,280	4	510
Glenn	Copper hydroxide	Almond	871	4	242
Glenn	Copper hydroxide	Orange	25	4	11
Glenn	Propanil	Rice	135,244	436	32,100
Glenn	1,3-dichloropropene	Walnut	73,774	49	224
Glenn	1,3-dichloropropene	Uncultivated ag	20,547	1	63
Glenn	Glyphosate, potassium salt	Almond	46,536	339	23,177
Glenn	Glyphosate, potassium salt	Walnut	20,538	242	8,910
Glenn	Glyphosate, potassium salt	Uncultivated ag	8,855	67	3,775

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Glenn	Glyphosate, potassium salt	Rights of way	3,053	<0.01	<0.01
Glenn	Glyphosate, potassium salt	Pecan	1,992	22	770
Glenn	Glyphosate, isopropylamine salt	Almond	36,982	505	19,125
Glenn	Glyphosate, isopropylamine salt	Walnut	21,363	549	12,382
Glenn	Glyphosate, isopropylamine salt	Rights of way	17,937	<0.01	<0.01
Glenn	Glyphosate, isopropylamine salt	Olive	3,789	102	1,831
Glenn	Glyphosate, isopropylamine salt	Uncultivated ag	1,181	69	767
Humboldt	Imazapyr, isopropylamine salt	Forest, timberland	11,043	466	9,190
Humboldt	Imazapyr, isopropylamine salt	Landscape maintenance	2	<0.01	<0.01
Humboldt	Imazapyr, isopropylamine salt	Rights of way	0	<0.01	<0.01
Humboldt	Imazapyr, isopropylamine salt	Uncultivated ag	0	1	0
Humboldt	Methylated soybean oil*	Forest, timberland	7,549	368	7,117
Humboldt	Methylated soybean oil*	Rights of way	93	<0.01	<0.01
Humboldt	Methylated soybean oil*	Landscape maintenance	8	<0.01	<0.01
Humboldt	Methylated soybean oil*	Uncultivated ag	1	1	2
Humboldt	Triclopyr, butoxyethyl ester	Forest, timberland	5,396	151	2,623
Humboldt	Triclopyr, butoxyethyl ester	Landscape maintenance	7	<0.01	<0.01
Humboldt	Triclopyr, butoxyethyl ester	Rights of way	1	<0.01	<0.01
Humboldt	Bifenthrin	Structural pest control	1,684	<0.01	<0.01
Humboldt	Aluminum phosphide	Commodity fumigation	1,512	<0.01	<0.01
Humboldt	Aluminum phosphide	N-grnhs flower	1	<0.01	1
Imperial	Sulfur	Bermudagrass	617,196	317	24,225
Imperial	Sulfur	Sugarbeet	388,907	279	19,374
Imperial	Sulfur	Carrot	203,053	382	12,925
Imperial	Sulfur	Alfalfa	49,482	23	1,787
Imperial	Sulfur	Grape	22,463	67	4,676
Imperial	Mineral oil	Alfalfa	119,156	1,723	106,638
Imperial	Mineral oil	Lemon	105,830	432	14,298

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Imperial	Mineral oil	Corn, human consumption	40,232	455	31,235
Imperial	Mineral oil	Grapefruit	35,558	95	3,682
Imperial	Mineral oil	Sugarbeet	22,987	281	20,832
Imperial	1,3-dichloropropene	Carrot	376,923	67	4,131
Imperial	Pendimethalin	Alfalfa	287,986	2,108	138,049
Imperial	Pendimethalin	Onion, dry	11,724	266	17,037
Imperial	Pendimethalin	Corn, human consumption	8,662	121	6,090
Imperial	Pendimethalin	Carrot	6,590	127	7,262
Imperial	Pendimethalin	Wheat	1,725	47	1,429
Imperial	Glyphosate, isopropylamine salt	Rights of way	191,438	<0.01	<0.01
Imperial	Glyphosate, isopropylamine salt	Uncultivated ag	21,890	203	11,212
Imperial	Glyphosate, isopropylamine salt	Sugarbeet	17,461	203	14,297
Imperial	Glyphosate, isopropylamine salt	Corn (forage - fodder)	3,499	48	2,560
Imperial	Glyphosate, isopropylamine salt	Lemon	2,646	35	849
Inyo	Methylated soybean oil*	Rights of way	6,409	<0.01	<0.01
Inyo	Triclopyr, butoxyethyl ester	Rights of way	2,228	<0.01	<0.01
Inyo	Alpha-undecyl-omega-hydroxypoly(oxyethylene)*	Rights of way	1,485	<0.01	<0.01
Inyo	Alpha-undecyl-omega-hydroxypoly(oxyethylene)*	Landscape maintenance	3	<0.01	<0.01
Inyo	Tall oil fatty acids*	Rights of way	1,373	<0.01	<0.01
Inyo	Glyphosate, isopropylamine salt	Rights of way	1,078	<0.01	<0.01
Inyo	Glyphosate, isopropylamine salt	Alfalfa	114	2	57
Inyo	Glyphosate, isopropylamine salt	N-grnhs flower	48	<0.01	30
Inyo	Glyphosate, isopropylamine salt	Landscape maintenance	14	<0.01	<0.01
Kern	Mineral oil	Almond	4,406,779	4,170	281,626
Kern	Mineral oil	Orange	1,561,896	2,741	100,952

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kern	Mineral oil	Tangerine	954,945	1,472	66,975
Kern	Mineral oil	Lemon	204,055	377	13,095
Kern	Mineral oil	Pistachio	155,254	629	31,939
Kern	Sulfur	Grape	2,437,692	10,320	478,052
Kern	Sulfur	Grape, wine	672,235	1,020	106,752
Kern	Sulfur	Pistachio	636,158	660	76,118
Kern	Sulfur	Carrot	228,511	611	39,151
Kern	Sulfur	Tomato, processing	111,982	109	9,143
Kern	Metam-sodium	Carrot	1,164,610	94	6,139
Kern	Metam-sodium	Potato	559,972	36	2,717
Kern	Metam-sodium	Sweet potato	30,311	2	183
Kern	Metam-sodium	Pepper, fruiting	22,462	3	141
Kern	Metam-sodium	Onion, dry	19,850	3	130
Kern	Potassium n-methyldithiocarbamate	Carrot	1,020,430	49	3,533
Kern	Potassium n-methyldithiocarbamate	Tomato, processing	118,791	31	1,733
Kern	Potassium n-methyldithiocarbamate	Potato	99,126	6	478
Kern	Potassium n-methyldithiocarbamate	Onion, dry	58,829	7	395
Kern	Potassium n-methyldithiocarbamate	Pepper, fruiting	48,727	6	327
Kern	1,3-dichloropropene	Grape	321,665	28	1,253
Kern	1,3-dichloropropene	Almond	253,902	40	777
Kern	1,3-dichloropropene	Tangerine	170,502	11	521
Kern	1,3-dichloropropene	Carrot	122,407	17	1,041
Kern	1,3-dichloropropene	N-outdr plants in containers	119,689	13	364

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kings	Sulfur	Tomato, processing	1,398,582	397	55,189
Kings	Sulfur	Grape	169,846	378	20,402
Kings	Sulfur	Pistachio	100,424	161	14,742
Kings	Sulfur	Grape, wine	42,012	155	8,087
Kings	Sulfur	Carrot	17,252	20	2,157
Kings	Mineral oil	Almond	525,776	963	47,294
Kings	Mineral oil	Peach	112,140	430	5,592
Kings	Mineral oil	Pistachio	71,247	546	25,421
Kings	Mineral oil	Plum	64,149	209	2,431
Kings	Mineral oil	Nectarine	53,987	220	2,800
Kings	Vegetable oil*	Cotton	206,880	486	117,076
Kings	Vegetable oil*	Safflower	149,732	341	88,794
Kings	Vegetable oil*	Rights of way	6,589	11	4,330
Kings	Vegetable oil*	Soil fumigation/preplant	2,900	19	3,901
Kings	Vegetable oil*	Tomato, processing	1,097	13	837
Kings	Potassium n-methyldithiocarbamate	Soil fumigation/preplant	331,158	40	2,884
Kings	Glyphosate, potassium salt	Cotton	81,908	325	61,249
Kings	Glyphosate, potassium salt	Pistachio	50,983	565	26,389
Kings	Glyphosate, potassium salt	Almond	41,950	451	19,825
Kings	Glyphosate, potassium salt	Rights of way	25,963	30	11,264
Kings	Glyphosate, potassium salt	Corn (forage - fodder)	21,692	292	14,203
Lake	Sulfur	Grape, wine	287,181	1,054	37,477
Lake	Sulfur	Pear	17,920	66	1,470
Lake	Sulfur	Cannabis (all or unspecified)	24	9	11
Lake	Mineral oil	Pear	105,418	231	4,731
Lake	Mineral oil	Grape, wine	48,258	257	10,702

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Lake	Mineral oil	Commercial, institutional or industrial areas	141	1	10
Lake	Mineral oil	Cannabis (all or unspecified)	96	9	12
Lake	Mineral oil	Landscape maintenance	19	<0.01	<0.01
Lake	Lime-sulfur	Pear	22,203	35	791
Lake	Lime-sulfur	Grape, wine	3,375	9	118
Lake	Lime-sulfur	Peach	5	1	1
Lake	Endothall, dipotassium salt	Water area	10,191	<0.01	278
Lake	Endothall, dipotassium salt	Water (industrial)	35	<0.01	11
Lake	Glyphosate, isopropylamine salt	Landscape maintenance	3,395	<0.01	<0.01
Lake	Glyphosate, isopropylamine salt	Grape, wine	2,718	143	1,961
Lake	Glyphosate, isopropylamine salt	Rights of way	1,037	5	65
Lake	Glyphosate, isopropylamine salt	Pear	890	45	636
Lake	Glyphosate, isopropylamine salt	Walnut	175	16	141
Lassen	Methyl bromide	Strawberry	51,300	5	239
Lassen	Methyl bromide	Soil fumigation/preplant	9,427	3	43
Lassen	Chloropicrin	Strawberry	38,559	5	239
Lassen	Chloropicrin	Soil fumigation/preplant	5,924	3	43
Lassen	Sulfur	Strawberry	12,356	82	3,373
Lassen	Glyphosate, isopropylamine salt	Alfalfa	8,366	63	6,222
Lassen	Glyphosate, isopropylamine salt	Forage hay/silage	854	9	554
Lassen	Glyphosate, isopropylamine salt	Corn (forage - fodder)	711	4	230
Lassen	Glyphosate, isopropylamine salt	Rights of way	700	5	93
Lassen	Glyphosate, isopropylamine salt	Sudangrass	428	2	285
Lassen	Glyphosate, dimethylamine salt	Forest, timberland	6,319	76	4,068
Los Angeles	Sulfuryl fluoride	Structural pest control	669,226	<0.01	<0.01
Los Angeles	Sulfuryl fluoride	Fumigation, other	19,700	<0.01	<0.01
Los Angeles	Sulfuryl fluoride	Commodity fumigation	1,056	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Los Angeles	Sulfuryl fluoride	Regulatory pest control	945	<0.01	<0.01
Los Angeles	Potassium n-methyldithiocarbamate	Carrot	537,400	19	1,590
Los Angeles	Boric acid	Structural pest control	258,453	<0.01	<0.01
Los Angeles	Boric acid	Regulatory pest control	2,148	<0.01	<0.01
Los Angeles	Boric acid	Landscape maintenance	31	<0.01	<0.01
Los Angeles	Boric acid	Vertebrate control	0	<0.01	<0.01
Los Angeles	Methyl bromide	Fumigation, other	39,084	<0.01	<0.01
Los Angeles	Methyl bromide	Commodity fumigation	32,496	<0.01	<0.01
Los Angeles	Methyl bromide	Regulatory pest control	19,636	<0.01	<0.01
Los Angeles	Glyphosate, isopropylamine salt	Rights of way	45,195	2	3
Los Angeles	Glyphosate, isopropylamine salt	Landscape maintenance	26,880	5	72
Los Angeles	Glyphosate, isopropylamine salt	N-outdr plants in containers	5,261	900	1,529
Los Angeles	Glyphosate, isopropylamine salt	Turf/sod	172	8	97
Los Angeles	Glyphosate, isopropylamine salt	Uncultivated ag	156	81	143
Madera	Sulfur	Grape, wine	1,488,953	2,501	181,832
Madera	Sulfur	Grape	1,072,759	2,404	129,412
Madera	Sulfur	Tomato, processing	61,657	45	3,386
Madera	Sulfur	Tomato	57,350	32	2,051
Madera	Sulfur	Pistachio	56,616	123	14,729
Madera	Mineral oil	Almond	1,960,308	3,395	204,818
Madera	Mineral oil	Orange	109,917	337	11,152
Madera	Mineral oil	Pistachio	108,860	443	26,140
Madera	Mineral oil	Tangerine	37,156	68	3,623
Madera	Mineral oil	Public health	27,956	<0.01	<0.01
Madera	1,3-dichloropropene	Grape, wine	181,171	14	550
Madera	1,3-dichloropropene	Almond	80,910	10	246
Madera	1,3-dichloropropene	Grape	77,112	6	235

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Madera	1,3-dichloropropene	Uncultivated ag	18,799	2	57
Madera	Glyphosate, isopropylamine salt	Almond	166,862	2,190	110,302
Madera	Glyphosate, isopropylamine salt	Pistachio	70,613	837	46,279
Madera	Glyphosate, isopropylamine salt	Rights of way	41,359	6	219
Madera	Glyphosate, isopropylamine salt	Grape, wine	14,529	192	9,772
Madera	Glyphosate, isopropylamine salt	Grape	13,999	282	8,885
Madera	Glyphosate, potassium salt	Almond	143,786	2,138	77,148
Madera	Glyphosate, potassium salt	Pistachio	48,341	587	22,505
Madera	Glyphosate, potassium salt	Grape, wine	22,445	302	11,162
Madera	Glyphosate, potassium salt	Corn (forage - fodder)	12,424	141	8,861
Madera	Glyphosate, potassium salt	Grape	10,067	177	5,245
Marin	Potassium phosphite	Landscape maintenance	19,539	<0.01	<0.01
Marin	Potassium phosphite	Structural pest control	19	<0.01	<0.01
Marin	Mineral oil	Grape, wine	14,654	21	147
Marin	Mineral oil	Landscape maintenance	1,393	<0.01	<0.01
Marin	Mineral oil	Public health	188	<0.01	<0.01
Marin	Mineral oil	Grape	10	<0.01	<0.01
Marin	Mineral oil	Rights of way	6	<0.01	<0.01
Marin	Sulfuryl fluoride	Structural pest control	15,899	<0.01	<0.01
Marin	Copper ethanolamine complexes, mixed	Water area	7,354	<0.01	1
Marin	Copper ethanolamine complexes, mixed	Water (industrial)	3	<0.01	1
Marin	Kaolin	Olive	3,685	39	175
Mariposa	Glyphosate, isopropylamine salt	Landscape maintenance	1,235	<0.01	<0.01
Mariposa	Glyphosate, isopropylamine salt	Rights of way	727	1	5
Mariposa	Glyphosate, isopropylamine salt	Regulatory pest control	50	<0.01	<0.01
Mariposa	Glyphosate, isopropylamine salt	Forest, timberland	25	15	20
Mariposa	Glyphosate, isopropylamine salt	Grape, wine	19	4	14

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Mariposa	Methylated soybean oil*	Landscape maintenance	721	<0.01	<0.01
Mariposa	Methylated soybean oil*	Rights of way	113	<0.01	<0.01
Mariposa	Methylated soybean oil*	Commercial, institutional or industrial areas	0	<0.01	1
Mariposa	Triclopyr, triethylamine salt	Landscape maintenance	273	<0.01	<0.01
Mariposa	Triclopyr, triethylamine salt	Rights of way	157	<0.01	<0.01
Mariposa	Triclopyr, triethylamine salt	Forest, timberland	90	31	108
Mariposa	Triclopyr, triethylamine salt	Rangeland	60	7	174
Mariposa	Triclopyr, triethylamine salt	Regulatory pest control	8	<0.01	<0.01
Mariposa	Boric acid	Structural pest control	343	<0.01	<0.01
Mariposa	Boric acid	Apple	3	1	4
Mariposa	Boric acid	Landscape maintenance	1	<0.01	<0.01
Mariposa	Sulfuryl fluoride	Structural pest control	115	<0.01	<0.01
Mendocino	Copper ethanolamine complexes, mixed	Lumber, treated	1,079,573	<0.01	<0.01
Mendocino	Sulfur	Grape, wine	446,593	2,051	60,798
Mendocino	Sulfur	Pear	5,931	12	704
Mendocino	Sulfur	Apple	24	1	3
Mendocino	Sulfur	Olive	6	4	2
Mendocino	Sulfur	Cannabis (all or unspecified)	2	80	1
Mendocino	Mineral oil	Grape, wine	78,298	523	14,313
Mendocino	Mineral oil	Pear	69,683	86	3,661
Mendocino	Mineral oil	Turf/sod	117	<0.01	15
Mendocino	Mineral oil	Cannabis (all or unspecified)	21	34	1
Mendocino	Octhilinone	Lumber, treated	126,904	<0.01	<0.01
Mendocino	5-chloro-2-methyl-4-isothiazolin-3-one	Lumber, treated	45,153	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Merced	Sulfur	Tomato, processing	994,681	531	34,789
Merced	Sulfur	Grape, wine	396,952	460	48,194
Merced	Sulfur	Tomato	112,160	69	4,324
Merced	Sulfur	Almond	52,058	124	6,639
Merced	Sulfur	Peach	27,166	218	4,368
Merced	Mineral oil	Almond	1,024,379	2,338	141,279
Merced	Mineral oil	Peach	38,537	111	2,227
Merced	Mineral oil	Pistachio	30,864	113	6,023
Merced	Mineral oil	Public health	30,655	<0.01	<0.01
Merced	Mineral oil	Cherry	19,246	56	1,844
Merced	1,3-dichloropropene	Sweet potato	744,810	328	6,967
Merced	1,3-dichloropropene	Almond	221,241	38	737
Merced	1,3-dichloropropene	Grape, wine	44,333	5	160
Merced	1,3-dichloropropene	Tomato	21,167	4	217
Merced	1,3-dichloropropene	Peach	15,682	5	49
Merced	Potassium n-methyldithiocarbamate	Sweet potato	323,965	66	1,378
Merced	Potassium n-methyldithiocarbamate	Onion, dry	59,456	3	266
Merced	Potassium n-methyldithiocarbamate	Watermelon	36,403	7	106
Merced	Potassium n-methyldithiocarbamate	Onion, green	33,433	2	150
Merced	Potassium n-methyldithiocarbamate	Grass, seed	29,795	4	134
Merced	Glyphosate, potassium salt	Almond	174,260	2,217	97,730
Merced	Glyphosate, potassium salt	Cotton	48,689	748	33,095
Merced	Glyphosate, potassium salt	Corn (forage - fodder)	38,396	615	25,196
Merced	Glyphosate, potassium salt	Pistachio	23,630	432	13,146

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Merced	Glyphosate, potassium salt	Grape, wine	23,518	131	6,280
Modoc	Metam-sodium	Potato	34,014	4	229
Modoc	Methylated soybean oil*	Alfalfa	3,155	249	19,602
Modoc	Methylated soybean oil*	Potato	1,893	110	6,469
Modoc	Methylated soybean oil*	Onion, dry	763	47	3,782
Modoc	Methylated soybean oil*	Wheat	428	41	2,863
Modoc	Methylated soybean oil*	Mint	388	22	1,619
Modoc	2,4-d, dimethylamine salt	Forage hay/silage	2,608	35	2,454
Modoc	2,4-d, dimethylamine salt	Wheat	2,219	33	2,308
Modoc	2,4-d, dimethylamine salt	Orchardgrass	934	9	823
Modoc	2,4-d, dimethylamine salt	Rights of way	660	<0.01	<0.01
Modoc	2,4-d, dimethylamine salt	Barley	466	8	500
Modoc	Metribuzin	Alfalfa	6,499	151	11,146
Modoc	Metribuzin	Potato	692	26	1,445
Modoc	Metribuzin	Forage hay/silage	115	3	141
Modoc	Paraquat dichloride	Alfalfa	6,290	110	8,042
Mono	Diuron	Alfalfa	1,169	19	957
Mono	Diuron	Rights of way	6	<0.01	<0.01
Mono	Glyphosate, isopropylamine salt	Rights of way	532	<0.01	<0.01
Mono	Glyphosate, isopropylamine salt	Landscape maintenance	0	<0.01	<0.01
Mono	Hexazinone	Alfalfa	426	16	772
Mono	4-(2,4-db), dimethylamine salt	Alfalfa	335	5	388
Mono	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Alfalfa	115	24	1,345
Mono	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Forage hay/silage	21	2	147
Mono	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rights of way	14	<0.01	<0.01
Monterey	Chloropicrin	Strawberry	2,133,112	533	9,083

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Monterey	Chloropicrin	Raspberry	56,541	11	213
Monterey	Chloropicrin	N-outdr flower	310	1	1
Monterey	Chloropicrin	Structural pest control	3	<0.01	<0.01
Monterey	Mineral oil	Grape, wine	724,751	3,958	152,479
Monterey	Mineral oil	Lemon	110,713	80	4,729
Monterey	Mineral oil	Cannabis (all or unspecified)	14,682	1,814	4,587
Monterey	Mineral oil	Lettuce, leaf	10,956	2,766	21,695
Monterey	Mineral oil	Broccoli	6,573	611	6,082
Monterey	1,3-dichloropropene	Strawberry	738,795	396	7,844
Monterey	1,3-dichloropropene	Brussels sprout	56,733	37	755
Monterey	1,3-dichloropropene	Grape, wine	33,187	6	105
Monterey	1,3-dichloropropene	Carrot	31,383	16	306
Monterey	1,3-dichloropropene	Raspberry	13,101	7	196
Monterey	Sulfur	Grape, wine	417,122	3,938	124,938
Monterey	Sulfur	Strawberry	165,764	1,328	38,828
Monterey	Sulfur	Brussels sprout	32,904	663	7,603
Monterey	Sulfur	Peas	29,225	577	5,620
Monterey	Sulfur	Carrot	26,863	356	4,280
Monterey	Potassium n-methyldithiocarbamate	Strawberry	306,816	79	1,214
Monterey	Potassium n-methyldithiocarbamate	Lettuce, leaf	59,687	25	224
Monterey	Potassium n-methyldithiocarbamate	Brussels sprout	12,945	13	151
Monterey	Potassium n-methyldithiocarbamate	Tomato	11,627	4	63
Monterey	Potassium n-methyldithiocarbamate	Spinach	5,748	2	22

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Napa	Sulfur	Grape, wine	734,977	7,375	130,567
Napa	Sulfur	Peach	4	2	0
Napa	Sulfur	Grape	2	1	1
Napa	Mineral oil	Grape, wine	178,513	2,610	39,622
Napa	Mineral oil	Landscape maintenance	1,405	<0.01	<0.01
Napa	Mineral oil	Structural pest control	236	<0.01	<0.01
Napa	Mineral oil	Public health	136	<0.01	<0.01
Napa	Mineral oil	Olive	73	7	1
Napa	1,3-dichloropropene	Soil fumigation/preplant	24,278	6	74
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Grape, wine	21,118	6,740	111,092
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Stone fruit	1	2	2
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Grape	1	2	2
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Olive	0	1	2
Napa	Glyphosate, potassium salt	Grape, wine	18,835	1,046	9,008
Napa	Glyphosate, potassium salt	Landscape maintenance	716	<0.01	<0.01
Napa	Glyphosate, potassium salt	Uncultivated ag	71	1	34
Napa	Glyphosate, potassium salt	Rights of way	44	<0.01	<0.01
Napa	Glyphosate, potassium salt	Forest, timberland	28	2	25
Nevada	Sulfur	Grape, wine	26,470	100	3,327
Nevada	Sulfur	Landscape maintenance	8	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Nevada	Sulfur	Cannabis (all or unspecified)	7	8	1
Nevada	Borax	Rights of way	10,869	<0.01	<0.01
Nevada	Borax	Structural pest control	0	<0.01	<0.01
Nevada	Copper ethanolamine complexes, mixed	Rights of way	3,961	<0.01	<0.01
Nevada	Copper ethanolamine complexes, mixed	Landscape maintenance	743	<0.01	<0.01
Nevada	Copper ethanolamine complexes, mixed	Water area	67	4	24
Nevada	Glyphosate, isopropylamine salt	Rights of way	2,124	<0.01	<0.01
Nevada	Glyphosate, isopropylamine salt	Landscape maintenance	1,392	<0.01	<0.01
Nevada	Glyphosate, isopropylamine salt	Grape, wine	6	7	13
Nevada	Glyphosate, isopropylamine salt	Water area	6	3	9
Nevada	Glyphosate, isopropylamine salt	Uncultivated non-ag	5	<0.01	49
Nevada	Copper triethanolamine complex	Rights of way	2,022	<0.01	<0.01
Nevada	Copper triethanolamine complex	Water area	0	5	1
Orange	Sulfuryl fluoride	Structural pest control	322,207	<0.01	<0.01
Orange	Sulfuryl fluoride	Fumigation, other	2,375	<0.01	<0.01
Orange	Mineral oil	Public health	36,032	<0.01	<0.01
Orange	Mineral oil	Avocado	9,722	19	479
Orange	Mineral oil	Rights of way	7,482	<0.01	<0.01
Orange	Mineral oil	Landscape maintenance	6,884	<0.01	<0.01
Orange	Mineral oil	Lemon	5,885	15	355
Orange	Glyphosate, isopropylamine salt	Landscape maintenance	18,702	6	24
Orange	Glyphosate, isopropylamine salt	Rights of way	18,191	37	52
Orange	Glyphosate, isopropylamine salt	N-outdr plants in containers	1,243	317	328
Orange	Glyphosate, isopropylamine salt	Avocado	682	68	168

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Orange	Glyphosate, isopropylamine salt	Lemon	673	32	409
Orange	Chloropicrin	Strawberry	34,433	12	168
Orange	Chloropicrin	Tomato	758	2	4
Orange	1,3-dichloropropene	Strawberry	22,225	9	167
Orange	1,3-dichloropropene	Pepper, fruiting	10,861	2	83
Orange	1,3-dichloropropene	Tomato	496	2	4
Placer	Copper sulfate (pentahydrate)	Rice	69,053	57	4,550
Placer	Copper sulfate (pentahydrate)	Water area	799	<0.01	99
Placer	Copper sulfate (pentahydrate)	N-outdr plants in containers	62	4	6
Placer	Copper sulfate (pentahydrate)	N-grnhs plants in containers	3	7	7
Placer	Propanil	Rice	48,038	171	10,292
Placer	Glyphosate, isopropylamine salt	Forest, timberland	18,712	66	3,084
Placer	Glyphosate, isopropylamine salt	Rights of way	9,001	4	2
Placer	Glyphosate, isopropylamine salt	Landscape maintenance	8,047	<0.01	<0.01
Placer	Glyphosate, isopropylamine salt	Walnut	1,870	18	1,014
Placer	Glyphosate, isopropylamine salt	Almond	316	4	287
Placer	Fatty acids, methyl esters	Forest, timberland	26,471	137	4,023
Placer	Fatty acids, methyl esters	Rice	6,510	83	4,563
Placer	Mineral oil	Almond	10,863	36	4,068
Placer	Mineral oil	Rice	9,324	82	4,983
Placer	Mineral oil	Walnut	4,717	69	3,997
Placer	Mineral oil	Landscape maintenance	2,739	<0.01	<0.01
Placer	Mineral oil	Apple	1,803	10	74
Plumas	Methylated soybean oil*	Forest, timberland	21,794	132	8,220
Plumas	Methylated soybean oil*	County ag comm	61	<0.01	<0.01
Plumas	Methylated soybean oil*	Rights of way	4	<0.01	<0.01
Plumas	Glyphosate, dimethylamine salt	Forest, timberland	19,463	121	7,788

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Plumas	Hexazinone	Forest, timberland	18,681	80	9,502
Plumas	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Forest, timberland	17,483	34	3,371
Plumas	Sodium bromide	Water (industrial)	4,897	<0.01	<0.01
Riverside	Metam-sodium	Pepper, fruiting	394,090	76	1,819
Riverside	Metam-sodium	Lemon	40,851	8	145
Riverside	Metam-sodium	Grape	18,186	4	72
Riverside	Metam-sodium	Squash	12,568	5	63
Riverside	Metam-sodium	Strawberry	2,646	2	13
Riverside	Sulfuryl fluoride	Structural pest control	328,832	<0.01	<0.01
Riverside	Sulfuryl fluoride	Commodity fumigation	8,952	<0.01	<0.01
Riverside	Sulfuryl fluoride	Date	603	9	15
Riverside	Sulfuryl fluoride	Fumigation, other	189	<0.01	<0.01
Riverside	Mineral oil	Lemon	153,301	284	12,060
Riverside	Mineral oil	Grapefruit	45,730	135	5,206
Riverside	Mineral oil	Orange	14,479	67	1,502
Riverside	Mineral oil	Alfalfa	12,500	612	21,151
Riverside	Mineral oil	Grape	9,856	639	16,271
Riverside	Sulfur	Grape	112,597	1,060	32,395
Riverside	Sulfur	Carrot	51,297	309	9,351
Riverside	Sulfur	Alfalfa	17,718	85	3,434
Riverside	Sulfur	Tomato	14,308	20	602
Riverside	Sulfur	Lemon	12,712	81	1,915
Riverside	Kaolin	Lemon	113,822	57	2,094
Riverside	Kaolin	Tangerine	34,200	14	526
Riverside	Kaolin	Tomato	8,911	7	234
Riverside	Kaolin	Mango	8,455	4	178
Riverside	Kaolin	Tangelo	4,869	2	75

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sacramento	Sulfur	Grape, wine	2,771,100	3,587	222,900
Sacramento	Sulfur	Tomato	26,631	26	1,359
Sacramento	Sulfur	Pear	13,347	61	1,467
Sacramento	Sulfur	Tomato, processing	13,176	14	892
Sacramento	Sulfur	Cherry	2,347	18	489
Sacramento	Mineral oil	Pear	551,793	901	36,098
Sacramento	Mineral oil	Grape, wine	42,704	563	18,356
Sacramento	Mineral oil	Rice	8,036	60	3,940
Sacramento	Mineral oil	Cherry	7,838	113	1,266
Sacramento	Mineral oil	Almond	6,823	31	1,540
Sacramento	1,3-dichloropropene	Grape, wine	167,047	11	506
Sacramento	1,3-dichloropropene	Cherry	56,461	3	171
Sacramento	Glyphosate, isopropylamine salt	Grape, wine	39,637	662	15,097
Sacramento	Glyphosate, isopropylamine salt	Landscape maintenance	23,877	11	420
Sacramento	Glyphosate, isopropylamine salt	Rights of way	17,838	5	90
Sacramento	Glyphosate, isopropylamine salt	Uncultivated ag	5,399	97	4,138
Sacramento	Glyphosate, isopropylamine salt	Almond	4,580	72	2,257
Sacramento	Glyphosate, potassium salt	Grape, wine	15,163	351	6,853
Sacramento	Glyphosate, potassium salt	Rights of way	7,552	2	70
Sacramento	Glyphosate, potassium salt	Landscape maintenance	7,222	<0.01	<0.01
Sacramento	Glyphosate, potassium salt	Corn (forage - fodder)	6,988	160	4,611
Sacramento	Glyphosate, potassium salt	Alfalfa	5,321	85	3,167
San Benito	Potassium n-methyldithiocarbamate	Pepper, fruiting	126,424	49	554
San Benito	Potassium n-methyldithiocarbamate	Grape, wine	25,147	5	191
San Benito	Diatomaceous earth	Lettuce, leaf	62,757	871	4,956
San Benito	Diatomaceous earth	Broccoli	30,112	269	1,985
San Benito	Diatomaceous earth	Cauliflower	17,027	179	1,109

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Benito	Diatomaceous earth	Cabbage	7,576	83	421
San Benito	Diatomaceous earth	Spinach	5,685	149	939
San Benito	Mineral oil	Grape, wine	62,664	769	12,538
San Benito	Mineral oil	Apple	5,978	20	291
San Benito	Mineral oil	Uncultivated ag	538	64	627
San Benito	Mineral oil	Lettuce, leaf	507	235	1,701
San Benito	Mineral oil	Apricot	403	7	31
San Benito	Sulfur	Grape, wine	36,159	177	5,439
San Benito	Sulfur	Tomato, processing	12,736	112	2,124
San Benito	Sulfur	Squash	3,436	45	298
San Benito	Sulfur	Tomato	2,909	48	498
San Benito	Sulfur	Carrot	1,432	19	225
San Benito	Kaolin	Onion, dry	10,209	23	119
San Benito	Kaolin	Walnut	5,878	3	83
San Benito	Kaolin	Pepper, fruiting	5,475	6	73
San Benito	Kaolin	Squash, summer	534	12	11
San Benito	Kaolin	Grape, wine	334	1	10
San Bernardino	Glyphosate, isopropylamine salt	Rights of way	39,173	13	76
San Bernardino	Glyphosate, isopropylamine salt	Landscape maintenance	21,716	47	575
San Bernardino	Glyphosate, isopropylamine salt	N-outdr plants in containers	2,141	142	537
San Bernardino	Glyphosate, isopropylamine salt	Corn (forage - fodder)	1,330	28	976
San Bernardino	Glyphosate, isopropylamine salt	Pistachio	992	5	496
San Bernardino	Sulfuryl fluoride	Structural pest control	63,945	<0.01	<0.01
San Bernardino	Sulfuryl fluoride	Fumigation, other	289	<0.01	<0.01
San Bernardino	Disodium octaborate tetrahydrate	Landscape maintenance	27,005	<0.01	<0.01
San Bernardino	Disodium octaborate tetrahydrate	Structural pest control	6,238	<0.01	<0.01
San Bernardino	Disodium octaborate tetrahydrate	Rights of way	4,202	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Bernardino	Boric acid	Structural pest control	32,040	<0.01	<0.01
San Bernardino	Boric acid	Landscape maintenance	18	<0.01	<0.01
San Bernardino	Mineral oil	Lemon	13,878	46	1,501
San Bernardino	Mineral oil	Orange	11,782	132	1,209
San Bernardino	Mineral oil	Golf course turf	2,563	<0.01	176
San Bernardino	Mineral oil	Corn (forage - fodder)	695	20	593
San Bernardino	Mineral oil	Rights of way	694	<0.01	<0.01
San Diego	Sulfuryl fluoride	Structural pest control	431,285	<0.01	<0.01
San Diego	Mineral oil	Avocado	128,329	366	6,520
San Diego	Mineral oil	Lemon	58,279	365	3,382
San Diego	Mineral oil	Orange	36,994	230	3,523
San Diego	Mineral oil	Grapefruit	18,981	101	1,245
San Diego	Mineral oil	Landscape maintenance	14,124	<0.01	<0.01
San Diego	Glyphosate, isopropylamine salt	Landscape maintenance	31,546	5	78
San Diego	Glyphosate, isopropylamine salt	Rights of way	31,421	28	<0.01
San Diego	Glyphosate, isopropylamine salt	N-outdr plants in containers	17,598	3,151	5,297
San Diego	Glyphosate, isopropylamine salt	Tangerine	4,372	93	1,377
San Diego	Glyphosate, isopropylamine salt	Avocado	3,295	576	4,433
San Diego	Chloropicrin	Tomato	60,482	70	611
San Diego	Chloropicrin	Strawberry	12,444	9	40
San Diego	Chloropicrin	N-outdr flower	2,333	7	40
San Diego	Sodium chlorate	Water (industrial)	68,776	<0.01	<0.01
San Francisco	Chlorothalonil	Golf course turf	3,023	<0.01	478
San Francisco	Chlorothalonil	N-grnhs transplants	758	<0.01	106
San Francisco	Chlorothalonil	N-grnhs flower	230	<0.01	37
San Francisco	Glutaraldehyde	Water (industrial)	2,898	<0.01	<0.01
San Francisco	Mineral oil	Public health	944	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Francisco	Mineral oil	Landscape maintenance	529	<0.01	<0.01
San Francisco	Mineral oil	Turf/sod	479	<0.01	15
San Francisco	Mineral oil	Structural pest control	110	<0.01	<0.01
San Francisco	Mineral oil	Cannabis (all or unspecified)	33	60	2
San Francisco	Sodium hypochlorite	Water (industrial)	1,943	<0.01	<0.01
San Francisco	Sodium hypochlorite	Water systems - human potable/drinking	13	<0.01	<0.01
San Francisco	1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	1,861	<0.01	<0.01
San Joaquin	Sulfur	Grape, wine	5,603,813	10,396	456,996
San Joaquin	Sulfur	Tomato, processing	449,040	342	18,344
San Joaquin	Sulfur	Grape	50,853	132	4,708
San Joaquin	Sulfur	Pumpkin	39,488	37	1,984
San Joaquin	Sulfur	Watermelon	36,806	40	2,467
San Joaquin	Mineral oil	Almond	524,002	1,527	67,747
San Joaquin	Mineral oil	Cherry	119,858	877	15,355
San Joaquin	Mineral oil	Grape, wine	34,297	895	25,200
San Joaquin	Mineral oil	Public health	33,718	<0.01	<0.01
San Joaquin	Mineral oil	Apricot	24,933	18	851
San Joaquin	1,3-dichloropropene	Soil fumigation/preplant	231,879	44	726
San Joaquin	1,3-dichloropropene	Almond	116,633	25	396
San Joaquin	1,3-dichloropropene	Grape, wine	90,423	12	275
San Joaquin	1,3-dichloropropene	Walnut	55,103	11	337
San Joaquin	1,3-dichloropropene	Cherry	42,926	9	131
San Joaquin	Glyphosate, isopropylamine salt	Almond	131,804	1,876	68,940
San Joaquin	Glyphosate, isopropylamine salt	Grape, wine	37,272	1,183	19,809
San Joaquin	Glyphosate, isopropylamine salt	Walnut	32,808	871	20,094
San Joaquin	Glyphosate, isopropylamine salt	Rights of way	25,296	130	3,213

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Joaquin	Glyphosate, isopropylamine salt	Corn (forage - fodder)	21,795	376	14,012
San Joaquin	Potassium n-methyldithiocarbamate	Tomato, processing	134,137	23	2,036
San Joaquin	Potassium n-methyldithiocarbamate	Watermelon	21,961	6	375
San Joaquin	Potassium n-methyldithiocarbamate	Carrot	21,524	1	94
San Joaquin	Potassium n-methyldithiocarbamate	Tomato	19,520	4	227
San Joaquin	Potassium n-methyldithiocarbamate	Collard	12,533	3	73
San Luis Obispo	Chloropicrin	Strawberry	589,381	110	3,083
San Luis Obispo	Chloropicrin	Raspberry	10,217	2	34
San Luis Obispo	Chloropicrin	Blackberry	5,940	1	20
San Luis Obispo	Chloropicrin	Squash, summer	940	1	10
San Luis Obispo	Chloropicrin	Structural pest control	45	<0.01	<0.01
San Luis Obispo	Sulfur	Grape, wine	332,357	2,289	98,964
San Luis Obispo	Sulfur	Strawberry	103,022	373	14,816
San Luis Obispo	Sulfur	Carrot	77,479	210	13,260
San Luis Obispo	Sulfur	Grape	13,916	45	2,044
San Luis Obispo	Sulfur	Peas	8,325	21	293
San Luis Obispo	Mineral oil	Grape, wine	167,661	1,079	41,625
San Luis Obispo	Mineral oil	Lemon	45,398	94	2,514
San Luis Obispo	Mineral oil	Avocado	37,946	133	2,377
San Luis Obispo	Mineral oil	Blackberry	7,371	46	783
San Luis Obispo	Mineral oil	Grape	7,150	13	517
San Luis Obispo	1,3-dichloropropene	Strawberry	148,261	48	1,332

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Luis Obispo	1,3-dichloropropene	Chinese cabbage (napa, wong bok, celery cabbage)	42,673	29	361
San Luis Obispo	1,3-dichloropropene	Carrot	37,362	3	316
San Luis Obispo	1,3-dichloropropene	Cabbage	2,658	2	23
San Luis Obispo	Potassium n-methyldithiocarbamate	Strawberry	107,341	24	411
San Luis Obispo	Potassium n-methyldithiocarbamate	Carrot	29,283	1	111
San Luis Obispo	Potassium n-methyldithiocarbamate	Cilantro	403	1	2
San Mateo	Sulfuryl fluoride	Structural pest control	51,181	<0.01	<0.01
San Mateo	Potassium n-methyldithiocarbamate	Brussels sprout	34,638	30	391
San Mateo	Potassium n-methyldithiocarbamate	Soil fumigation/preplant	399	2	5
San Mateo	Potassium phosphite	Landscape maintenance	15,153	<0.01	<0.01
San Mateo	Potassium phosphite	Brussels sprout	825	45	515
San Mateo	Potassium phosphite	Artichoke, globe	16	1	10
San Mateo	Potassium phosphite	Fava bean	11	1	7
San Mateo	Potassium phosphite	N-grnhs plants in containers	1	2	4
San Mateo	Mineral oil	Public health	10,852	<0.01	<0.01
San Mateo	Mineral oil	Landscape maintenance	1,968	<0.01	<0.01
San Mateo	Mineral oil	Grape, wine	448	31	97
San Mateo	Mineral oil	Apple	48	4	2
San Mateo	Mineral oil	Blackberry	43	4	16
San Mateo	Boric acid	Structural pest control	10,631	<0.01	<0.01
San Mateo	Boric acid	Landscape maintenance	143	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Barbara	Chloropicrin	Strawberry	1,931,268	316	9,914
Santa Barbara	Chloropicrin	N-outdr flower	40,686	10	163
Santa Barbara	Chloropicrin	Squash	36,292	21	311
Santa Barbara	Chloropicrin	Squash, summer	8,554	10	91
Santa Barbara	Chloropicrin	Blackberry	4,737	3	33
Santa Barbara	Sulfur	Grape, wine	558,286	1,658	101,198
Santa Barbara	Sulfur	Strawberry	243,596	1,410	46,878
Santa Barbara	Sulfur	Carrot	50,845	217	14,695
Santa Barbara	Sulfur	Peas	29,578	120	1,043
Santa Barbara	Sulfur	Broccoli	4,871	147	1,387
Santa Barbara	1,3-dichloropropene	Strawberry	398,632	125	3,539
Santa Barbara	1,3-dichloropropene	Grape, wine	49,120	2	149
Santa Barbara	1,3-dichloropropene	Carrot	39,219	5	332
Santa Barbara	1,3-dichloropropene	N-outdr flower	26,623	10	163
Santa Barbara	1,3-dichloropropene	Blackberry	3,104	3	33
Santa Barbara	Potassium n-methyldithiocarbamate	Carrot	265,946	10	1,011
Santa Barbara	Potassium n-methyldithiocarbamate	Strawberry	241,827	30	964
Santa Barbara	Mineral oil	Lemon	100,714	300	3,435
Santa Barbara	Mineral oil	Avocado	91,343	237	4,555
Santa Barbara	Mineral oil	Grape, wine	62,317	699	24,188
Santa Barbara	Mineral oil	Blackberry	35,176	263	3,467
Santa Barbara	Mineral oil	Strawberry	4,918	282	11,091
Santa Clara	Sulfuryl fluoride	Structural pest control	158,740	<0.01	<0.01
Santa Clara	Potassium n-methyldithiocarbamate	Pepper, fruiting	92,183	39	389
Santa Clara	Potassium n-methyldithiocarbamate	Uncultivated ag	2,758	2	24

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Clara	Boric acid	Structural pest control	35,603	<0.01	<0.01
Santa Clara	Boric acid	Landscape maintenance	194	<0.01	<0.01
Santa Clara	Sulfur	Grape, wine	14,439	235	2,870
Santa Clara	Sulfur	Tomato	6,479	25	433
Santa Clara	Sulfur	Tomato, processing	5,679	26	567
Santa Clara	Sulfur	Pepper, fruiting	1,335	22	513
Santa Clara	Sulfur	Bean, unspecified	364	17	121
Santa Clara	Chloropicrin	Pepper, fruiting	26,568	14	189
Santa Clara	Chloropicrin	Structural pest control	25	<0.01	<0.01
Santa Cruz	Chloropicrin	Strawberry	406,205	119	1,586
Santa Cruz	Chloropicrin	Raspberry	135,505	28	468
Santa Cruz	Chloropicrin	Blackberry	12,708	15	95
Santa Cruz	Chloropicrin	Structural pest control	1	<0.01	<0.01
Santa Cruz	1,3-dichloropropene	Strawberry	138,255	73	1,417
Santa Cruz	1,3-dichloropropene	Brussels sprout	72,854	33	685
Santa Cruz	1,3-dichloropropene	Raspberry	45,430	19	440
Santa Cruz	1,3-dichloropropene	Blackberry	4,393	11	84
Santa Cruz	Sulfuryl fluoride	Structural pest control	60,523	<0.01	<0.01
Santa Cruz	Soybean oil	Blackberry	47,862	393	3,502
Santa Cruz	Soybean oil	Raspberry	3,216	15	180
Santa Cruz	Soybean oil	Uncultivated ag	70	11	17
Santa Cruz	Soybean oil	Apple	66	2	6
Santa Cruz	Soybean oil	Research commodity	39	28	23
Santa Cruz	Lime-sulfur	Raspberry	28,775	55	765
Santa Cruz	Lime-sulfur	Blackberry	10,826	60	358
Santa Cruz	Lime-sulfur	Apple	415	4	27
Santa Cruz	Lime-sulfur	Grape, wine	301	5	24
Santa Cruz	Lime-sulfur	Boysenberry	25	1	1

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Shasta	Methylated soybean oil*	Forest, timberland	32,821	478	14,211
Shasta	Methylated soybean oil*	Rights of way	5,941	<0.01	<0.01
Shasta	Methylated soybean oil*	Landscape maintenance	838	<0.01	<0.01
Shasta	Methylated soybean oil*	Walnut	415	28	706
Shasta	Methylated soybean oil*	Alfalfa	27	2	120
Shasta	Glyphosate, dimethylamine salt	Forest, timberland	27,546	463	16,025
Shasta	Glyphosate, dimethylamine salt	Rights of way	4,833	<0.01	<0.01
Shasta	Glyphosate, dimethylamine salt	Landscape maintenance	46	<0.01	<0.01
Shasta	Glyphosate, dimethylamine salt	Uncultivated ag	8	3	8
Shasta	Methyl bromide	Soil fumigation/preplant	25,158	10	120
Shasta	Methyl bromide	Fumigation, other	86	<0.01	<0.01
Shasta	Chloropicrin	Soil fumigation/preplant	18,846	10	120
Shasta	Glyphosate, isopropylamine salt	Forest, timberland	9,120	153	4,385
Shasta	Glyphosate, isopropylamine salt	Rights of way	4,925	8	157
Shasta	Glyphosate, isopropylamine salt	Landscape maintenance	3,680	<0.01	<0.01
Shasta	Glyphosate, isopropylamine salt	Uncultivated ag	214	2	136
Shasta	Glyphosate, isopropylamine salt	Forage hay/silage	138	5	118
Sierra	Glyphosate, isopropylamine salt	Rights of way	896	<0.01	<0.01
Sierra	Glyphosate, isopropylamine salt	Uncultivated non-ag	0	<0.01	1
Sierra	Triclopyr, triethylamine salt	Rights of way	788	<0.01	<0.01
Sierra	Fatty acids, methyl esters	Forest, timberland	433	18	220
Sierra	Glyphosate, dimethylamine salt	Forest, timberland	334	18	209
Sierra	Clethodim	Alfalfa	142	9	543
Siskiyou	Methyl bromide	Soil fumigation/preplant	746,442	167	3,286
Siskiyou	Chloropicrin	Soil fumigation/preplant	430,100	167	3,286
Siskiyou	Metam-sodium	Potato	78,279	10	613
Siskiyou	1,3-dichloropropene	Potato	21,413	4	167

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Siskiyou	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Forest, timberland	13,892	130	2,338
Siskiyou	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Alfalfa	14	1	130
Siskiyou	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Potato	6	1	76
Solano	Sulfur	Grape, wine	258,321	804	24,348
Solano	Sulfur	Tomato, processing	154,959	146	7,069
Solano	Sulfur	Almond	41,052	30	4,522
Solano	Sulfur	Tomato	10,584	8	540
Solano	Sulfur	Grape	1,664	42	134
Solano	Mineral oil	Almond	45,404	65	10,853
Solano	Mineral oil	Pear	20,630	22	1,060
Solano	Mineral oil	Prune	9,779	12	1,236
Solano	Mineral oil	Grape, wine	6,439	74	1,558
Solano	Mineral oil	Walnut	2,418	30	2,086
Solano	Glyphosate, isopropylamine salt	Rights of way	29,172	2	1,307
Solano	Glyphosate, isopropylamine salt	Almond	19,525	173	10,275
Solano	Glyphosate, isopropylamine salt	Uncultivated ag	12,016	140	7,111
Solano	Glyphosate, isopropylamine salt	Walnut	8,519	116	7,402
Solano	Glyphosate, isopropylamine salt	Landscape maintenance	5,415	1	2
Solano	Glyphosate, potassium salt	Alfalfa	21,283	280	12,388
Solano	Glyphosate, potassium salt	Almond	12,950	152	6,381
Solano	Glyphosate, potassium salt	Uncultivated ag	12,838	175	8,223
Solano	Glyphosate, potassium salt	Walnut	4,774	161	4,101
Solano	Glyphosate, potassium salt	Landscape maintenance	2,951	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Solano	Copper sulfate (pentahydrate)	Rights of way	32,233	<0.01	<0.01
Solano	Copper sulfate (pentahydrate)	Almond	1,376	8	1,755
Solano	Copper sulfate (pentahydrate)	N-outdr plants in containers	19	21	61
Solano	Copper sulfate (pentahydrate)	Water area	5	<0.01	3
Solano	Copper sulfate (pentahydrate)	Tomato, processing	1	1	9
Sonoma	Sulfur	Grape, wine	1,531,562	10,267	229,370
Sonoma	Sulfur	Apple	7,005	151	1,007
Sonoma	Sulfur	Grape	848	5	98
Sonoma	Sulfur	Cannabis (all or unspecified)	64	1,032	30
Sonoma	Sulfur	N-outdr plants in containers	24	1	2
Sonoma	Mineral oil	Grape, wine	272,403	3,128	59,574
Sonoma	Mineral oil	Apple	14,852	104	652
Sonoma	Mineral oil	Landscape maintenance	2,139	<0.01	<0.01
Sonoma	Mineral oil	Public health	1,806	<0.01	<0.01
Sonoma	Mineral oil	Rights of way	186	<0.01	<0.01
Sonoma	Sulfuryl fluoride	Structural pest control	42,823	<0.01	<0.01
Sonoma	Glyphosate, potassium salt	Grape, wine	32,302	1,342	26,914
Sonoma	Glyphosate, potassium salt	Oat	770	7	744
Sonoma	Glyphosate, potassium salt	Landscape maintenance	576	<0.01	<0.01
Sonoma	Glyphosate, potassium salt	Uncultivated ag	475	4	595
Sonoma	Glyphosate, potassium salt	Pastureland	124	10	23
Sonoma	1,3-dichloropropene	Soil fumigation/preplant	26,814	5	81
Stanislaus	Mineral oil	Almond	1,452,964	3,078	176,538
Stanislaus	Mineral oil	Peach	40,266	176	2,159
Stanislaus	Mineral oil	Walnut	34,053	264	9,622
Stanislaus	Mineral oil	Public health	8,974	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Stanislaus	Mineral oil	Cherry	7,328	57	1,226
Stanislaus	1,3-dichloropropene	Almond	539,253	99	1,692
Stanislaus	1,3-dichloropropene	Sweet potato	137,133	43	1,210
Stanislaus	1,3-dichloropropene	Walnut	69,578	20	336
Stanislaus	1,3-dichloropropene	Tomato, processing	30,284	4	260
Stanislaus	1,3-dichloropropene	Cherry	20,466	7	62
Stanislaus	Sulfur	Grape, wine	331,488	477	29,696
Stanislaus	Sulfur	Tomato, processing	90,828	67	4,174
Stanislaus	Sulfur	Almond	85,515	186	11,245
Stanislaus	Sulfur	Peach	16,784	166	2,239
Stanislaus	Sulfur	Tomato	9,457	10	381
Stanislaus	Glyphosate, isopropylamine salt	Almond	222,233	3,124	128,999
Stanislaus	Glyphosate, isopropylamine salt	Rights of way	30,558	61	432
Stanislaus	Glyphosate, isopropylamine salt	Walnut	28,987	623	15,543
Stanislaus	Glyphosate, isopropylamine salt	Corn (forage - fodder)	18,787	319	13,536
Stanislaus	Glyphosate, isopropylamine salt	Landscape maintenance	5,884	1	2
Stanislaus	Glyphosate, potassium salt	Almond	160,014	2,316	89,734
Stanislaus	Glyphosate, potassium salt	Walnut	27,050	484	13,056
Stanislaus	Glyphosate, potassium salt	Corn (forage - fodder)	23,106	345	15,441
Stanislaus	Glyphosate, potassium salt	Alfalfa	5,395	96	3,587
Stanislaus	Glyphosate, potassium salt	Grape, wine	4,966	72	1,715
Sutter	Mineral oil	Peach	146,573	562	9,014
Sutter	Mineral oil	Rice	89,959	500	39,767
Sutter	Mineral oil	Prune	81,312	198	7,178
Sutter	Mineral oil	Almond	33,781	128	8,208
Sutter	Mineral oil	Walnut	15,262	447	13,776
Sutter	Propanil	Rice	297,238	806	64,770
Sutter	1,3-dichloropropene	Uncultivated ag	112,714	27	342

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sutter	1,3-dichloropropene	Walnut	76,853	14	247
Sutter	1,3-dichloropropene	Peach	21,372	9	65
Sutter	1,3-dichloropropene	N-outdr transplants	13,850	9	55
Sutter	1,3-dichloropropene	Almond	5,541	1	17
Sutter	Copper hydroxide	Walnut	133,388	783	28,446
Sutter	Copper hydroxide	Peach	30,575	256	4,692
Sutter	Copper hydroxide	Prune	4,424	20	1,057
Sutter	Copper hydroxide	Olive	4,288	16	685
Sutter	Copper hydroxide	Almond	3,820	23	1,009
Sutter	Sulfur	Tomato, processing	56,741	28	2,410
Sutter	Sulfur	Peach	16,503	94	1,330
Sutter	Sulfur	Almond	13,012	8	775
Sutter	Sulfur	Prune	11,492	21	1,037
Sutter	Sulfur	Tomato	10,812	5	520
Tehama	Copper hydroxide	Walnut	164,910	1,293	38,409
Tehama	Copper hydroxide	Olive	21,380	96	5,935
Tehama	Copper hydroxide	Almond	2,881	19	1,050
Tehama	Copper hydroxide	Prune	1,360	25	756
Tehama	Copper hydroxide	Rights of way	1,148	<0.01	<0.01
Tehama	1,3-dichloropropene	Uncultivated ag	95,677	9	291
Tehama	1,3-dichloropropene	Soil fumigation/preplant	45,306	5	139
Tehama	1,3-dichloropropene	Walnut	29,207	115	89
Tehama	Glyphosate, isopropylamine salt	Walnut	29,888	704	16,736
Tehama	Glyphosate, isopropylamine salt	Rights of way	26,277	5	85
Tehama	Glyphosate, isopropylamine salt	Almond	16,288	213	8,255
Tehama	Glyphosate, isopropylamine salt	Prune	3,514	103	1,751
Tehama	Glyphosate, isopropylamine salt	Olive	2,518	78	1,891
Tehama	Mancozeb	Walnut	68,024	1,295	38,010

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tehama	Mancozeb	Almond	979	12	204
Tehama	Sulfuryl fluoride	Fumigation, other	21,590	<0.01	<0.01
Tehama	Sulfuryl fluoride	Commodity fumigation	18,632	<0.01	<0.01
Tehama	Sulfuryl fluoride	Walnut	9,330	<0.01	<0.01
Tehama	Sulfuryl fluoride	Structural pest control	1,764	<0.01	<0.01
Trinity	Glyphosate, dimethylamine salt	Forest, timberland	7,410	93	3,809
Trinity	Glyphosate, dimethylamine salt	Rights of way	2,207	<0.01	<0.01
Trinity	Glyphosate, dimethylamine salt	N-outdr transplants	38	1	8
Trinity	Glyphosate, dimethylamine salt	Unknown	12	1	3
Trinity	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Forest, timberland	8,997	70	2,722
Trinity	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	N-outdr transplants	51	1	8
Trinity	Methylated soybean oil*	Forest, timberland	5,090	136	5,342
Trinity	Methylated soybean oil*	Rights of way	2,745	<0.01	<0.01
Trinity	Methylated soybean oil*	Unknown	15	1	3
Trinity	Methylated soybean oil*	N-outdr transplants	6	1	8
Trinity	Glyphosate, isopropylamine salt	Forest, timberland	1,208	34	1,147
Trinity	Glyphosate, isopropylamine salt	Rights of way	94	<0.01	<0.01
Trinity	Glyphosate, isopropylamine salt	Landscape maintenance	8	<0.01	<0.01
Trinity	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Forest, timberland	728	66	2,619
Trinity	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rights of way	488	<0.01	<0.01
Trinity	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Unknown	3	1	3
Tulare	Mineral oil	Orange	2,593,277	11,413	204,966

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tulare	Mineral oil	Almond	1,437,491	2,271	132,070
Tulare	Mineral oil	Tangerine	794,916	3,474	76,596
Tulare	Mineral oil	Peach	421,490	2,590	31,354
Tulare	Mineral oil	Lemon	387,945	1,750	26,585
Tulare	Calcium hydroxide	Orange	1,735,368	4,012	73,970
Tulare	Calcium hydroxide	Lemon	321,029	669	10,577
Tulare	Calcium hydroxide	Tangerine	314,031	934	20,720
Tulare	Calcium hydroxide	Tangelo	44,903	127	1,649
Tulare	Calcium hydroxide	Grapefruit	39,293	126	1,473
Tulare	Sulfur	Grape	1,553,428	6,006	268,478
Tulare	Sulfur	Pistachio	147,243	343	29,534
Tulare	Sulfur	Grape, wine	143,309	366	22,204
Tulare	Sulfur	Tomato, processing	44,191	43	3,672
Tulare	Sulfur	Nectarine	31,670	876	11,149
Tulare	Kaolin	Tangerine	405,115	458	8,858
Tulare	Kaolin	Orange	126,293	130	2,522
Tulare	Kaolin	Grapefruit	16,967	42	409
Tulare	Kaolin	Cherry	14,587	19	408
Tulare	Kaolin	Walnut	8,693	15	226
Tulare	1,3-dichloropropene	Soil fumigation/preplant	495,366	112	1,566
Tuolumne	Glyphosate, isopropylamine salt	Forest, timberland	5,463	27	1,120
Tuolumne	Glyphosate, isopropylamine salt	Rights of way	2,983	13	9
Tuolumne	Glyphosate, isopropylamine salt	Landscape maintenance	2,802	<0.01	<0.01
Tuolumne	Glyphosate, isopropylamine salt	Regulatory pest control	21	<0.01	<0.01
Tuolumne	Glyphosate, isopropylamine salt	Rangeland	2	5	1,189
Tuolumne	Glyphosate, dimethylamine salt	Forest, timberland	7,679	105	1,695
Tuolumne	Glyphosate, dimethylamine salt	Rights of way	1,536	<0.01	<0.01
Tuolumne	Methylated soybean oil*	Forest, timberland	3,306	121	1,930

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tuolumne	Methylated soybean oil*	Rights of way	2,226	<0.01	<0.01
Tuolumne	Methylated soybean oil*	Landscape maintenance	2,129	<0.01	<0.01
Tuolumne	Borax	Rights of way	1,042	<0.01	<0.01
Tuolumne	Borax	Forest, timberland	698	18	698
Tuolumne	Borax	Structural pest control	2	<0.01	<0.01
Tuolumne	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Forest, timberland	588	121	1,930
Tuolumne	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rights of way	481	<0.01	<0.01
Tuolumne	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Landscape maintenance	292	<0.01	<0.01
Tuolumne	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rangeland	0	1	105
Ventura	Chloropicrin	Strawberry	1,844,516	290	10,350
Ventura	Chloropicrin	N-outdr flower	11,891	18	45
Ventura	Chloropicrin	Pepper, fruiting	9,061	6	162
Ventura	Chloropicrin	Tomato	7,789	2	39
Ventura	Chloropicrin	N-outdr plants in containers	1,133	2	4
Ventura	Mineral oil	Lemon	1,034,624	1,854	32,970
Ventura	Mineral oil	Avocado	191,237	670	12,280
Ventura	Mineral oil	Blackberry	72,039	863	9,823
Ventura	Mineral oil	Raspberrry	39,275	750	8,220
Ventura	Mineral oil	Orange	24,758	113	1,451
Ventura	Potassium n-methyldithiocarbamate	Strawberry	803,744	79	3,055
Ventura	Potassium n-methyldithiocarbamate	Pepper, fruiting	104,208	26	593

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Ventura	Potassium n-methyldithiocarbamate	Soil fumigation/preplant	28,190	1	105
Ventura	Potassium n-methyldithiocarbamate	Tomato	3,874	6	67
Ventura	Potassium n-methyldithiocarbamate	N-outdr flower	3,153	8	12
Ventura	1,3-dichloropropene	Strawberry	294,341	64	2,152
Ventura	1,3-dichloropropene	Pepper, fruiting	16,543	6	162
Ventura	1,3-dichloropropene	Tomato	4,765	1	21
Ventura	1,3-dichloropropene	N-outdr flower	2,926	10	20
Ventura	Metam-sodium	Strawberry	118,496	11	512
Yolo	Sulfur	Grape, wine	1,650,373	3,169	137,668
Yolo	Sulfur	Tomato, processing	323,205	229	15,829
Yolo	Sulfur	Tomato	64,680	44	2,914
Yolo	Sulfur	Almond	17,105	30	1,607
Yolo	Sulfur	Pear	4,446	42	428
Yolo	Mineral oil	Almond	54,952	180	17,017
Yolo	Mineral oil	Pear	33,046	221	3,305
Yolo	Mineral oil	Grape, wine	23,493	521	10,124
Yolo	Mineral oil	Olive	11,081	233	10,348
Yolo	Mineral oil	Apple	10,698	55	824
Yolo	Glyphosate, isopropylamine salt	Uncultivated ag	48,907	411	29,084
Yolo	Glyphosate, isopropylamine salt	Almond	22,533	287	14,322
Yolo	Glyphosate, isopropylamine salt	Grape, wine	13,595	427	7,587
Yolo	Glyphosate, isopropylamine salt	Pistachio	12,202	100	6,531
Yolo	Glyphosate, isopropylamine salt	Rights of way	10,267	3	200
Yolo	Kaolin	Tomato, processing	38,042	13	1,218
Yolo	Kaolin	Grape, wine	30,105	35	1,445
Yolo	Kaolin	Walnut	16,886	11	324

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Yolo	Kaolin	Pistachio	5,771	4	243
Yolo	Kaolin	Tomato	5,154	4	241
Yolo	Glyphosate, potassium salt	Almond	27,524	266	14,064
Yolo	Glyphosate, potassium salt	Uncultivated ag	11,675	105	5,610
Yolo	Glyphosate, potassium salt	Alfalfa	9,607	86	5,126
Yolo	Glyphosate, potassium salt	Walnut	8,077	136	3,684
Yolo	Glyphosate, potassium salt	Pistachio	7,936	58	3,575
Yuba	Mineral oil	Prune	56,008	107	4,314
Yuba	Mineral oil	Rice	46,651	386	22,890
Yuba	Mineral oil	Peach	33,288	155	2,066
Yuba	Mineral oil	Kiwi fruit fuzzy	14,461	295	2,369
Yuba	Mineral oil	Walnut	8,166	149	6,504
Yuba	Propanil	Rice	155,299	579	34,487
Yuba	Propanil	Research commodity	0	<0.01	<0.01
Yuba	1,3-dichloropropene	Soil fumigation/preplant	59,484	15	176
Yuba	1,3-dichloropropene	Uncultivated ag	20,317	3	62
Yuba	1,3-dichloropropene	Walnut	5,607	2	17
Yuba	Copper hydroxide	Walnut	71,083	384	16,149
Yuba	Copper hydroxide	Peach	5,314	52	708
Yuba	Copper hydroxide	Olive	1,517	2	167
Yuba	Copper hydroxide	Prune	1,294	17	560
Yuba	Copper hydroxide	Rights of way	283	<0.01	<0.01
Yuba	Sodium carbonate peroxyhydrate	Rice	67,439	54	3,656
Yuba	Sodium carbonate peroxyhydrate	Rights of way	85	<0.01	<0.01