

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

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

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Alameda	Structural pest control	Sulfuryl fluoride	70,040	<0.01	<0.01
Alameda	Structural pest control	Disodium octaborate tetrahydrate	7,756	<0.01	<0.01
Alameda	Structural pest control	Boric acid	6,150	<0.01	<0.01
Alameda	Structural pest control	Acephate	3,805	<0.01	<0.01
Alameda	Structural pest control	Chloropicrin	2,215	<0.01	<0.01
Alameda	Grape, wine	Sulfur	18,333	449	5,219
Alameda	Grape, wine	Mineral oil	10,246	444	2,355
Alameda	Grape, wine	Copper oxychloride	1,996	111	1,121
Alameda	Grape, wine	Hydrogen peroxide	1,790	46	325
Alameda	Grape, wine	Potassium bicarbonate	1,309	63	393
Alameda	Landscape maintenance	Glyphosate, isopropylamine salt	6,124	<0.01	<0.01
Alameda	Landscape maintenance	Glyphosate, potassium salt	3,341	<0.01	<0.01
Alameda	Landscape maintenance	Potassium phosphite	3,090	<0.01	<0.01
Alameda	Landscape maintenance	Ethephon	2,827	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Alameda	Landscape maintenance	Chlorothalonil	2,267	<0.01	<0.01
Alameda	Water (industrial)	Sodium chlorate	20,555	<0.01	<0.01
Alameda	Water (industrial)	Glutaraldehyde	4,322	<0.01	<0.01
Alameda	Water (industrial)	Sodium hypochlorite	3,116	<0.01	<0.01
Alameda	Water (industrial)	Sodium bromide	2,843	<0.01	<0.01
Alameda	Water (industrial)	Diocetyl dimethyl ammonium chloride	531	<0.01	<0.01
Alameda	Rights of way	Glyphosate, isopropylamine salt	7,561	<0.01	<0.01
Alameda	Rights of way	Dichlobenil	3,324	<0.01	<0.01
Alameda	Rights of way	Metam-sodium	2,817	<0.01	<0.01
Alameda	Rights of way	Lecithin*	1,266	<0.01	<0.01
Alameda	Rights of way	Oleic acid, methyl ester*	988	<0.01	<0.01
Alpine	Forest, timberland	Glyphosate, dimethylamine salt	33	4	48
Alpine	Forest, timberland	Oxyfluorfen	29	3	18
Alpine	Forest, timberland	Methylated soybean oil*	22	4	50
Alpine	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	19	1	32
Alpine	Forest, timberland	Glyphosate, isopropylamine salt	15	1	32
Alpine	Structural pest control	Mineral oil	96	<0.01	<0.01
Alpine	Structural pest control	Fipronil	8	<0.01	<0.01
Alpine	Structural pest control	Bifenthrin	4	<0.01	<0.01
Alpine	Structural pest control	Imidacloprid	2	<0.01	<0.01
Alpine	Structural pest control	Dinotefuran	1	<0.01	<0.01
Alpine	Water area	Copper ethanolamine complexes, mixed	29	2	20
Alpine	Water area	Diquat dibromide	19	2	20
Alpine	Rights of way	Sulfometuron-methyl	4	<0.01	<0.01
Alpine	Rights of way	Chlorsulfuron	2	<0.01	<0.01
Alpine	Landscape maintenance	Glyphosate, isopropylamine salt	1	<0.01	<0.01
Alpine	Landscape maintenance	Emamectin benzoate	1	<0.01	<0.01
Alpine	Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	0	<0.01	<0.01
Alpine	Landscape maintenance	Triclopyr, butoxyethyl ester	0	<0.01	<0.01
Alpine	Landscape maintenance	Oleic acid, methyl ester*	0	<0.01	<0.01
Amador	Grape, wine	Sulfur	73,178	782	10,779
Amador	Grape, wine	Mineral oil	8,065	416	4,739

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Amador	Grape, wine	Glyphosate, potassium salt	1,894	108	1,022
Amador	Grape, wine	Glyphosate, isopropylamine salt	1,466	157	800
Amador	Grape, wine	Kaolin	1,318	7	56
Amador	Rights of way	Glyphosate, isopropylamine salt	1,690	1	3
Amador	Rights of way	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	1,287	<0.01	<0.01
Amador	Rights of way	Methylated soybean oil*	972	<0.01	<0.01
Amador	Rights of way	Triclopyr, butoxyethyl ester	818	<0.01	<0.01
Amador	Rights of way	Borax	454	<0.01	<0.01
Amador	Forest, timberland	Glyphosate, dimethylamine salt	1,914	43	612
Amador	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	1,295	17	287
Amador	Forest, timberland	Methylated soybean oil*	1,267	43	605
Amador	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	200	26	318
Amador	Forest, timberland	Imazapyr, isopropylamine salt	152	16	273
Amador	Landscape maintenance	Glyphosate, isopropylamine salt	718	<0.01	<0.01
Amador	Landscape maintenance	Methylated soybean oil*	251	<0.01	<0.01
Amador	Landscape maintenance	Prodiamine	98	<0.01	<0.01
Amador	Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	94	<0.01	<0.01
Amador	Landscape maintenance	Glyphosate, potassium salt	84	<0.01	<0.01
Amador	Walnut	Glyphosate, isopropylamine salt	905	21	300
Amador	Walnut	Glufosinate-ammonium	391	10	222
Amador	Walnut	Pendimethalin	182	2	70
Amador	Walnut	Polyoxyethylene soybean oil fatty acid ester*	138	11	278
Amador	Walnut	Flumioxazin	38	7	205
Butte	Rice	Propanil	507,508	1,453	119,716
Butte	Rice	Copper sulfate (pentahydrate)	246,566	257	18,407
Butte	Rice	Mineral oil	134,272	1,108	94,122
Butte	Rice	Thiobencarb	91,348	287	26,814
Butte	Rice	Methylated soybean oil*	50,917	551	46,968
Butte	Walnut	Copper hydroxide	199,948	1,407	56,557
Butte	Walnut	Mancozeb	106,484	1,479	59,666
Butte	Walnut	Glyphosate, potassium salt	61,553	856	27,567
Butte	Walnut	1,3-dichloropropene	46,195	26	153
Butte	Walnut	Potassium phosphite	37,542	160	9,856
Butte	Almond	Ziram	34,945	138	5,801

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Butte	Almond	Methylated soybean oil*	22,915	868	28,604
Butte	Almond	Glyphosate, potassium salt	22,377	400	12,468
Butte	Almond	Glyphosate, isopropylamine salt	17,784	380	10,539
Butte	Almond	Sulfur	14,620	37	2,477
Butte	Uncultivated ag	1,3-dichloropropene	116,708	6	354
Butte	Uncultivated ag	Chloropicrin	32,274	5	163
Butte	Uncultivated ag	Glyphosate, isopropylamine salt	1,447	24	772
Butte	Uncultivated ag	Glyphosate, potassium salt	492	10	210
Butte	Uncultivated ag	2,4-d, dimethylamine salt	211	4	217
Butte	Prune	Mineral oil	50,373	81	4,434
Butte	Prune	Glyphosate, potassium salt	7,753	96	3,228
Butte	Prune	Chlorothalonil	7,699	55	2,740
Butte	Prune	Copper hydroxide	5,453	17	1,107
Butte	Prune	Methylated soybean oil*	4,552	146	5,923
Calaveras	Forest, timberland	Methylated soybean oil*	13,943	199	4,548
Calaveras	Forest, timberland	Glyphosate, dimethylamine salt	13,449	187	3,738
Calaveras	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	2,477	195	4,475
Calaveras	Forest, timberland	Glyphosate, isopropylamine salt	735	7	410
Calaveras	Forest, timberland	Hexazinone	541	27	443
Calaveras	Grape, wine	Qst 713 strain of dried bacillus subtilis	N/A	<0.01	8
Calaveras	Grape, wine	Sulfur	9,845	156	1,648
Calaveras	Grape, wine	Pendimethalin	800	53	366
Calaveras	Grape, wine	Glyphosate, potassium salt	530	54	282
Calaveras	Grape, wine	Burkholderia rinojensis strain a396	290	6	67
Calaveras	Rights of way	Glyphosate, isopropylamine salt	4,340	5	36
Calaveras	Rights of way	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	3,877	<0.01	<0.01
Calaveras	Rights of way	Methylated soybean oil*	1,025	3	32
Calaveras	Rights of way	Triclopyr, butoxyethyl ester	941	<0.01	<0.01
Calaveras	Rights of way	Glyphosate, dimethylamine salt	463	<0.01	<0.01
Calaveras	Landscape maintenance	Glyphosate, isopropylamine salt	1,989	<0.01	<0.01
Calaveras	Landscape maintenance	Mineral oil	1,678	<0.01	<0.01
Calaveras	Landscape maintenance	Glyphosate, potassium salt	828	<0.01	<0.01
Calaveras	Landscape maintenance	Chlorothalonil	796	<0.01	<0.01
Calaveras	Landscape maintenance	Methylated soybean oil*	794	<0.01	<0.01
Calaveras	Rangeland	Methylated soybean oil*	2,683	5	1,965
Calaveras	Rangeland	2,4-d, butoxyethanol ester	1,811	2	920

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Calaveras	Rangeland	2,4-d, 2-ethylhexyl ester	386	1	134
Calaveras	Rangeland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	364	11	2,241
Calaveras	Rangeland	2,4-d, dimethylamine salt	316	5	132
Colusa	Almond	Mineral oil	113,173	142	12,210
Colusa	Almond	Glyphosate, potassium salt	72,785	659	31,340
Colusa	Almond	Methylated soybean oil*	25,479	829	51,627
Colusa	Almond	Glyphosate, isopropylamine salt	14,862	153	7,477
Colusa	Almond	Oxyfluorfen	13,691	605	28,311
Colusa	Walnut	Copper hydroxide	41,753	251	14,380
Colusa	Walnut	Mancozeb	31,709	300	17,656
Colusa	Walnut	Glyphosate, potassium salt	18,973	196	7,455
Colusa	Walnut	Glyphosate, isopropylamine salt	15,583	155	7,376
Colusa	Walnut	Mineral oil	14,101	131	8,649
Colusa	Rice	Propanil	113,172	372	27,564
Colusa	Rice	Thiobencarb	23,301	89	6,720
Colusa	Rice	Copper sulfate (pentahydrate)	19,815	27	2,062
Colusa	Rice	Fatty acids, methyl esters	16,128	171	12,206
Colusa	Rice	Mineral oil	14,086	126	8,951
Colusa	Tomato, processing	Sulfur	50,569	107	6,610
Colusa	Tomato, processing	S-metolachlor	31,323	227	12,540
Colusa	Tomato, processing	Kaolin	29,749	13	857
Colusa	Tomato, processing	Chlorothalonil	19,051	112	7,854
Colusa	Tomato, processing	Diazinon	14,731	117	4,674
Colusa	Rights of way	Glyphosate, isopropylamine salt	21,605	23	422
Colusa	Rights of way	Glyphosate, potassium salt	4,706	30	1,982
Colusa	Rights of way	Triclopyr, triethylamine salt	2,889	4	62
Colusa	Rights of way	Mineral oil	2,754	17	287
Colusa	Rights of way	Triclopyr choline	2,501	<0.01	<0.01
Contra Costa	Tomato, processing	Sulfur	61,735	110	4,453
Contra Costa	Tomato, processing	S-metolachlor	5,394	111	4,242
Contra Costa	Tomato, processing	Chlorothalonil	5,229	75	2,934
Contra Costa	Tomato, processing	Potassium n-methyldithiocarbamate	2,363	1	20
Contra Costa	Tomato, processing	Carbaryl	2,070	69	2,822
Contra Costa	Grape, wine	Sulfur	62,775	470	4,851
Contra Costa	Grape, wine	Lime-sulfur	5,615	26	465

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Contra Costa	Grape, wine	Mineral oil	1,156	168	1,168
Contra Costa	Grape, wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	828	79	1,154
Contra Costa	Grape, wine	Polyoxyethylene soybean oil fatty acid ester*	789	123	1,177
Contra Costa	Landscape maintenance	Dithiopyr	8,308	<0.01	<0.01
Contra Costa	Landscape maintenance	Petroleum distillates, refined	7,078	<0.01	<0.01
Contra Costa	Landscape maintenance	Glyphosate, isopropylamine salt	6,833	<0.01	<0.01
Contra Costa	Landscape maintenance	Potassium phosphite	2,797	<0.01	<0.01
Contra Costa	Landscape maintenance	Mineral oil	2,452	<0.01	<0.01
Contra Costa	Rights of way	Glyphosate, isopropylamine salt	6,024	<0.01	<0.01
Contra Costa	Rights of way	Copper ethanolamine complexes, mixed	4,561	<0.01	<0.01
Contra Costa	Rights of way	Acrolein	4,544	<0.01	<0.01
Contra Costa	Rights of way	Glyphosate, dimethylamine salt	2,683	<0.01	<0.01
Contra Costa	Rights of way	Metam-sodium	2,663	<0.01	<0.01
Contra Costa	Structural pest control	Sulfuryl fluoride	10,994	<0.01	<0.01
Contra Costa	Structural pest control	Boric acid	5,291	<0.01	<0.01
Contra Costa	Structural pest control	Disodium octaborate tetrahydrate	3,426	<0.01	<0.01
Contra Costa	Structural pest control	Bifenthrin	2,161	<0.01	<0.01
Contra Costa	Structural pest control	Piperonyl butoxide	1,292	<0.01	<0.01
Del Norte	Soil fumigation/preplant	1,3-dichloropropene	61,985	22	225
Del Norte	Soil fumigation/preplant	Metam-sodium	15,388	11	48
Del Norte	N-outdr flower	Metam-sodium	28,052	14	88
Del Norte	N-outdr flower	Copper hydroxide	9,071	695	5,409

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Del Norte	N-outdr flower	Chlorothalonil	3,071	354	2,888
Del Norte	N-outdr flower	Diuron	969	100	727
Del Norte	N-outdr flower	Phorate	894	94	212
Del Norte	Forest, timberland	Methylated soybean oil*	5,778	92	1,941
Del Norte	Forest, timberland	Triclopyr, butoxyethyl ester	2,352	37	617
Del Norte	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	1,641	71	1,102
Del Norte	Forest, timberland	Imazapyr, isopropylamine salt	1,487	85	1,784
Del Norte	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	491	21	840
Del Norte	Structural pest control	Bifenthrin	214	<0.01	<0.01
Del Norte	Structural pest control	Disodium octaborate tetrahydrate	171	<0.01	<0.01
Del Norte	Structural pest control	Boric acid	17	<0.01	<0.01
Del Norte	Structural pest control	Silica aerogel	4	<0.01	<0.01
Del Norte	Structural pest control	Hydroprene	4	<0.01	<0.01
Del Norte	Rights of way	Glyphosate, potassium salt	121	<0.01	<0.01
Del Norte	Rights of way	Soybean oil	40	<0.01	<0.01
Del Norte	Rights of way	Methylated soybean oil*	35	<0.01	<0.01
Del Norte	Rights of way	Glyphosate, isopropylamine salt	8	<0.01	<0.01
Del Norte	Rights of way	Chlorsulfuron	5	<0.01	<0.01
El Dorado	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	40,409	380	7,258
El Dorado	Forest, timberland	Glyphosate, dimethylamine salt	26,158	269	5,549
El Dorado	Forest, timberland	Glyphosate, isopropylamine salt	23,236	289	4,872
El Dorado	Forest, timberland	Methylated soybean oil*	19,336	681	12,377
El Dorado	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	2,670	301	5,119
El Dorado	Grape, wine	Sulfur	19,385	610	5,612
El Dorado	Grape, wine	Mineral oil	18,735	427	3,913
El Dorado	Grape, wine	Kaolin	3,582	11	152
El Dorado	Grape, wine	Glyphosate, isopropylamine salt	742	78	853
El Dorado	Grape, wine	Glyphosate, potassium salt	727	60	525
El Dorado	Rights of way	Borax	8,997	<0.01	<0.01
El Dorado	Rights of way	Glyphosate, isopropylamine salt	5,634	2	2
El Dorado	Rights of way	Metam-sodium	4,582	<0.01	<0.01
El Dorado	Rights of way	Methylated soybean oil*	2,564	<0.01	<0.01
El Dorado	Rights of way	Glyphosate, potassium salt	2,277	1	2
El Dorado	Apple	Mineral oil	12,296	133	719
El Dorado	Apple	Lime-sulfur	3,250	21	181

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
El Dorado	Apple	Mancozeb	739	32	173
El Dorado	Apple	Diazinon	113	11	67
El Dorado	Apple	Glyphosate, isopropylamine salt	76	4	24
El Dorado	Landscape maintenance	Glyphosate, isopropylamine salt	4,351	<0.01	<0.01
El Dorado	Landscape maintenance	Chlorothalonil	1,626	<0.01	<0.01
El Dorado	Landscape maintenance	Methylated soybean oil*	1,260	<0.01	<0.01
El Dorado	Landscape maintenance	Mineral oil	558	<0.01	<0.01
El Dorado	Landscape maintenance	Pendimethalin	450	<0.01	<0.01
Fresno	Almond	Mineral oil	3,722,330	5,924	318,229
Fresno	Almond	1,3-dichloropropene	438,446	66	1,340
Fresno	Almond	Glyphosate, potassium salt	253,673	3,112	118,829
Fresno	Almond	Glyphosate, isopropylamine salt	206,676	2,587	106,951
Fresno	Almond	Methylated soybean oil*	168,216	4,473	218,531
Fresno	Tomato, processing	Sulfur	2,164,290	722	83,926
Fresno	Tomato, processing	Potassium n-methyldithiocarbamate	1,387,179	187	7,111
Fresno	Tomato, processing	Metam-sodium	260,048	35	1,735
Fresno	Tomato, processing	Kaolin	42,928	13	1,452
Fresno	Tomato, processing	Diatomaceous earth	33,040	18	2,438
Fresno	Grape	Sulfur	2,766,041	12,506	399,480
Fresno	Grape	1,3-dichloropropene	66,729	9	203
Fresno	Grape	Cryolite	45,645	273	8,726
Fresno	Grape	Mineral oil	41,068	747	15,849
Fresno	Grape	Lime-sulfur	40,501	153	4,455
Fresno	Grape, wine	Sulfur	1,309,050	2,317	188,527
Fresno	Grape, wine	1,3-dichloropropene	221,952	17	707
Fresno	Grape, wine	Glufosinate-ammonium	29,444	733	32,845
Fresno	Grape, wine	Copper hydroxide	24,068	443	38,596
Fresno	Grape, wine	Lime-sulfur	23,912	51	3,261
Fresno	Pistachio	Mineral oil	421,422	1,013	84,630
Fresno	Pistachio	Sulfur	148,566	358	41,881
Fresno	Pistachio	Glyphosate, isopropylamine salt	135,462	1,167	63,717

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Fresno	Pistachio	Glyphosate, potassium salt	129,134	1,172	58,367
Fresno	Pistachio	Potassium phosphite	63,302	144	21,155
Glenn	Walnut	Copper hydroxide	108,186	842	30,360
Glenn	Walnut	1,3-dichloropropene	73,774	49	224
Glenn	Walnut	Mancozeb	57,831	889	32,370
Glenn	Walnut	Kaolin	47,616	45	1,436
Glenn	Walnut	Glyphosate, isopropylamine salt	21,363	549	12,382
Glenn	Almond	Glyphosate, potassium salt	46,536	339	23,177
Glenn	Almond	Glyphosate, isopropylamine salt	36,982	505	19,125
Glenn	Almond	Sulfur	29,720	102	5,691
Glenn	Almond	Ziram	26,766	65	4,362
Glenn	Almond	Pendimethalin	24,896	126	8,173
Glenn	Rice	Propanil	135,244	436	32,100
Glenn	Rice	Copper sulfate (pentahydrate)	42,440	61	3,115
Glenn	Rice	Methylated soybean oil*	23,051	342	25,340
Glenn	Rice	Thiobencarb	21,629	77	6,203
Glenn	Rice	Mineral oil	17,175	193	12,710
Glenn	Olive	Copper hydroxide	40,154	174	9,708
Glenn	Olive	Potassium phosphite	5,017	39	2,019
Glenn	Olive	Mineral oil	4,685	139	8,594
Glenn	Olive	Glyphosate, isopropylamine salt	3,789	102	1,831
Glenn	Olive	Simazine	2,978	33	991
Glenn	Uncultivated ag	1,3-dichloropropene	20,547	1	63
Glenn	Uncultivated ag	Glyphosate, potassium salt	8,855	67	3,775
Glenn	Uncultivated ag	Glufosinate-ammonium	1,389	61	1,249
Glenn	Uncultivated ag	Fatty acids, methyl esters	1,318	24	1,308
Glenn	Uncultivated ag	Glyphosate, isopropylamine salt	1,181	69	767
Humboldt	Forest, timberland	Imazapyr, isopropylamine salt	11,043	466	9,190
Humboldt	Forest, timberland	Methylated soybean oil*	7,549	368	7,117
Humboldt	Forest, timberland	Triclopyr, butoxyethyl ester	5,396	151	2,623
Humboldt	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	940	149	2,410
Humboldt	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	809	201	4,488
Humboldt	Structural pest control	Bifenthrin	1,684	<0.01	<0.01
Humboldt	Structural pest control	Disodium octaborate tetrahydrate	1,092	<0.01	<0.01
Humboldt	Structural pest control	Sulfuryl fluoride	738	<0.01	<0.01
Humboldt	Structural pest control	Boric acid	151	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Humboldt	Structural pest control	Imidacloprid	40	<0.01	<0.01
Humboldt	Commodity fumigation	Aluminum phosphide	1,512	<0.01	<0.01
Humboldt	N-grnhs flower	Chlorothalonil	613	125	244
Humboldt	N-grnhs flower	Captan	166	98	193
Humboldt	N-grnhs flower	Iprodione	158	127	318
Humboldt	N-grnhs flower	Fenhexamid	132	146	357
Humboldt	N-grnhs flower	Propiconazole	64	<0.01	42
Humboldt	Rights of way	Triclopyr choline	315	<0.01	<0.01
Humboldt	Rights of way	Metam-sodium	210	<0.01	<0.01
Humboldt	Rights of way	Glyphosate, isopropylamine salt	102	<0.01	<0.01
Humboldt	Rights of way	Methylated soybean oil*	93	<0.01	<0.01
Humboldt	Rights of way	Disodium octaborate anhydrous	44	<0.01	<0.01
Imperial	Alfalfa	Pendimethalin	287,986	2,108	138,049
Imperial	Alfalfa	Mineral oil	119,156	1,723	106,638
Imperial	Alfalfa	Eptc	77,776	522	34,769
Imperial	Alfalfa	Trifluralin	57,623	406	28,923
Imperial	Alfalfa	Sulfur	49,482	23	1,787
Imperial	Bermudagrass	Sulfur	617,196	317	24,225
Imperial	Bermudagrass	Trifluralin	47,715	300	23,962
Imperial	Bermudagrass	2,4-d, dimethylamine salt	22,221	228	15,264
Imperial	Bermudagrass	Mineral oil	11,795	184	12,632
Imperial	Bermudagrass	Glyphosate, potassium salt	7,404	39	2,226
Imperial	Carrot	1,3-dichloropropene	376,923	67	4,131
Imperial	Carrot	Sulfur	203,053	382	12,925
Imperial	Carrot	Caprylic acid	10,458	29	913
Imperial	Carrot	Linuron	7,862	188	10,479
Imperial	Carrot	Capric acid	7,135	29	913
Imperial	Sugarbeet	Sulfur	388,907	279	19,374
Imperial	Sugarbeet	Glyphosate, potassium salt	34,940	310	23,852
Imperial	Sugarbeet	Mineral oil	22,987	281	20,832
Imperial	Sugarbeet	Glyphosate, isopropylamine salt	17,461	203	14,297
Imperial	Sugarbeet	Imidacloprid	5,551	190	13,939
Imperial	Rights of way	Glyphosate, isopropylamine salt	191,438	<0.01	<0.01
Imperial	Rights of way	Petroleum oil, paraffin based	45,776	<0.01	<0.01
Imperial	Rights of way	Ammonium sulfate	43,324	<0.01	<0.01
Imperial	Rights of way	Glyphosate, potassium salt	35,882	<0.01	<0.01
Imperial	Rights of way	Triclopyr, triethylamine salt	21,516	<0.01	<0.01
Inyo	Rights of way	Methylated soybean oil*	6,409	<0.01	<0.01
Inyo	Rights of way	Triclopyr, butoxyethyl ester	2,228	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Inyo	Rights of way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)*	1,485	<0.01	<0.01
Inyo	Rights of way	Tall oil fatty acids*	1,373	<0.01	<0.01
Inyo	Rights of way	Glyphosate, isopropylamine salt	1,078	<0.01	<0.01
Inyo	N-grnhs flower	Mancozeb	141	<0.01	11
Inyo	N-grnhs flower	Imidacloprid	110	<0.01	28
Inyo	N-grnhs flower	Trinexapac-ethyl	61	<0.01	296
Inyo	N-grnhs flower	Glyphosate, isopropylamine salt	48	<0.01	30
Inyo	N-grnhs flower	2,4-d, 2-ethylhexyl ester	26	<0.01	50
Inyo	Alfalfa	Pendimethalin	227	2	120
Inyo	Alfalfa	Glyphosate, isopropylamine salt	114	2	57
Inyo	Alfalfa	Saflufenacil	13	5	297
Inyo	Alfalfa	Hexazinone	6	4	237
Inyo	Structural pest control	Boric acid	193	<0.01	<0.01
Inyo	Structural pest control	Disodium octaborate tetrahydrate	41	<0.01	<0.01
Inyo	Structural pest control	Cypermethrin	27	<0.01	<0.01
Inyo	Structural pest control	Bifenthrin	21	<0.01	<0.01
Inyo	Structural pest control	Fipronil	16	<0.01	<0.01
Inyo	Forage hay/silage	2,4-d, dimethylamine salt	176	2	160
Kern	Almond	Mineral oil	4,406,779	4,170	281,626
Kern	Almond	Glyphosate, potassium salt	359,413	3,490	171,573
Kern	Almond	1,3-dichloropropene	253,902	40	777
Kern	Almond	Glyphosate, isopropylamine salt	189,202	2,011	96,862
Kern	Almond	Pendimethalin	183,416	1,515	66,478
Kern	Grape	Sulfur	2,437,692	10,320	478,052
Kern	Grape	1,3-dichloropropene	321,665	28	1,253
Kern	Grape	Lime-sulfur	227,429	607	22,603
Kern	Grape	Hydrogen cyanamide	184,623	299	14,451
Kern	Grape	Copper oxychloride	138,210	1,352	60,780
Kern	Carrot	Metam-sodium	1,164,610	94	6,139
Kern	Carrot	Potassium n-methyldithiocarbamate	1,020,430	49	3,533
Kern	Carrot	Sulfur	228,511	611	39,151
Kern	Carrot	1,3-dichloropropene	122,407	17	1,041
Kern	Carrot	Linuron	14,649	299	18,718

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Kern	Orange	Mineral oil	1,561,896	2,741	100,952
Kern	Orange	Calcium hydroxide	500,908	628	25,473
Kern	Orange	Copper sulfate (basic)	72,871	466	16,886
Kern	Orange	Kaolin	51,827	35	955
Kern	Orange	1,3-dichloropropene	42,623	6	130
Kern	Pistachio	Sulfur	636,158	660	76,118
Kern	Pistachio	Mineral oil	155,254	629	31,939
Kern	Pistachio	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	144,188	3,009	268,032
Kern	Pistachio	Glyphosate, potassium salt	137,562	1,467	64,861
Kern	Pistachio	Oleic acid, methyl ester*	89,189	1,475	82,872
Kings	Tomato, processing	Sulfur	1,398,582	397	55,189
Kings	Tomato, processing	Chlorothalonil	55,497	218	28,557
Kings	Tomato, processing	Kaolin	47,306	11	1,270
Kings	Tomato, processing	Bacillus amyloliquefaciens strain d747	29,998	55	7,120
Kings	Tomato, processing	Diatomaceous earth	27,285	17	2,140
Kings	Almond	Mineral oil	525,776	963	47,294
Kings	Almond	Glyphosate, potassium salt	41,950	451	19,825
Kings	Almond	Methylated soybean oil*	35,639	1,026	55,166
Kings	Almond	Glyphosate, isopropylamine salt	32,014	374	16,052
Kings	Almond	Sulfuryl fluoride	19,070	<0.01	176
Kings	Cotton	Vegetable oil*	206,880	486	117,076
Kings	Cotton	Glyphosate, potassium salt	81,908	325	61,249
Kings	Cotton	Urea dihydrogen sulfate	81,547	245	41,291
Kings	Cotton	Malathion	61,320	97	24,725
Kings	Cotton	Ethephon	42,654	297	48,368
Kings	Soil fumigation/preplant	Potassium n-methyldithiocarbamate	331,158	40	2,884
Kings	Soil fumigation/preplant	1,3-dichloropropene	129,055	16	474
Kings	Soil fumigation/preplant	Pendimethalin	83,869	226	59,070
Kings	Soil fumigation/preplant	Paraquat dichloride	70,094	375	74,571
Kings	Soil fumigation/preplant	Metam-sodium	37,764	11	230

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Kings	Pistachio	Sulfur	100,424	161	14,742
Kings	Pistachio	Mineral oil	71,247	546	25,421
Kings	Pistachio	Glyphosate, potassium salt	50,983	565	26,389
Kings	Pistachio	Methylated soybean oil*	49,574	1,066	56,208
Kings	Pistachio	Pendimethalin	42,104	319	15,254
Lake	Grape, wine	Sulfur	287,181	1,054	37,477
Lake	Grape, wine	Mineral oil	48,258	257	10,702
Lake	Grape, wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	6,808	523	17,344
Lake	Grape, wine	Kaolin	4,802	8	147
Lake	Grape, wine	Glyphosate, potassium salt	4,264	121	1,805
Lake	Pear	Mineral oil	105,418	231	4,731
Lake	Pear	Lime-sulfur	22,203	35	791
Lake	Pear	Sulfur	17,920	66	1,470
Lake	Pear	Ziram	5,688	60	1,445
Lake	Pear	Mancozeb	5,013	65	1,241
Lake	Water area	Endothall, dipotassium salt	10,191	<0.01	278
Lake	Water area	Diquat dibromide	272	<0.01	38
Lake	Water area	Hydrogen peroxide	186	<0.01	<0.01
Lake	Water area	Peroxyacetic acid	127	<0.01	<0.01
Lake	Water area	Copper sulfate (pentahydrate)	99	1	1
Lake	Landscape maintenance	Glyphosate, isopropylamine salt	3,395	<0.01	<0.01
Lake	Landscape maintenance	Diuron	1,219	<0.01	<0.01
Lake	Landscape maintenance	Flumioxazin	313	<0.01	<0.01
Lake	Landscape maintenance	Oxadiazon	261	12	96
Lake	Landscape maintenance	Chlorothalonil	188	1	2
Lake	Rights of way	Glyphosate, isopropylamine salt	1,037	5	65
Lake	Rights of way	Triclopyr, triethylamine salt	342	<0.01	<0.01
Lake	Rights of way	Glyphosate, potassium salt	286	<0.01	<0.01
Lake	Rights of way	Methylated soybean oil*	240	<0.01	<0.01
Lake	Rights of way	Borax	194	<0.01	<0.01
Lassen	Strawberry	Methyl bromide	51,300	5	239
Lassen	Strawberry	Chloropicrin	38,559	5	239
Lassen	Strawberry	Sulfur	12,356	82	3,373
Lassen	Strawberry	Thiram	735	10	403
Lassen	Strawberry	Chlorothalonil	554	12	493
Lassen	Alfalfa	Glyphosate, isopropylamine salt	8,366	63	6,222
Lassen	Alfalfa	Paraquat dichloride	2,847	67	5,426

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Lassen	Alfalfa	Mineral oil	1,279	52	4,899
Lassen	Alfalfa	Ammonium sulfate	1,092	110	10,264
Lassen	Alfalfa	Metribuzin	798	19	1,392
Lassen	Forest, timberland	Glyphosate, dimethylamine salt	6,319	76	4,068
Lassen	Forest, timberland	Methylated soybean oil*	5,029	93	4,506
Lassen	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	2,656	34	831
Lassen	Forest, timberland	Hexazinone	2,303	8	1,093
Lassen	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	842	59	3,675
Lassen	Soil fumigation/preplant	Methyl bromide	9,427	3	43
Lassen	Soil fumigation/preplant	Chloropicrin	5,924	3	43
Lassen	Soil fumigation/preplant	Bacillus amyloliquefaciens strain d747	57	2	20
Lassen	Soil fumigation/preplant	Malathion	23	1	16
Lassen	Soil fumigation/preplant	Bifenazate	6	1	16
Lassen	Rights of way	Bromacil	838	<0.01	<0.01
Lassen	Rights of way	2,4-d, 2-ethylhexyl ester	736	2	75
Lassen	Rights of way	Glyphosate, isopropylamine salt	700	5	93
Lassen	Rights of way	Diethylene glycol*	96	<0.01	<0.01
Lassen	Rights of way	Mineral oil	69	2	75
Los Angeles	Structural pest control	Sulfuryl fluoride	669,226	<0.01	<0.01
Los Angeles	Structural pest control	Boric acid	258,453	<0.01	<0.01
Los Angeles	Structural pest control	Disodium octaborate tetrahydrate	51,778	<0.01	<0.01
Los Angeles	Structural pest control	Piperonyl butoxide	14,759	<0.01	<0.01
Los Angeles	Structural pest control	N-octyl bicycloheptene dicarboximide	13,697	<0.01	<0.01
Los Angeles	Carrot	Potassium n-methyldithiocarbamate	537,400	19	1,590
Los Angeles	Carrot	Sulfur	22,536	114	7,911
Los Angeles	Carrot	1,3-dichloropropene	7,679	1	65
Los Angeles	Carrot	Mefenoxam	4,252	52	4,577
Los Angeles	Carrot	Pendimethalin	1,418	15	1,249

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Los Angeles	Rights of way	Glyphosate, isopropylamine salt	45,195	2	3
Los Angeles	Rights of way	Dichlobenil	43,457	<0.01	<0.01
Los Angeles	Rights of way	Metam-sodium	40,626	<0.01	<0.01
Los Angeles	Rights of way	Borax	14,407	<0.01	<0.01
Los Angeles	Rights of way	Disodium octaborate tetrahydrate	10,952	<0.01	<0.01
Los Angeles	Water (industrial)	Sodium hypochlorite	48,351	<0.01	<0.01
Los Angeles	Water (industrial)	Sodium bromide	33,213	<0.01	<0.01
Los Angeles	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	23,584	<0.01	<0.01
Los Angeles	Water (industrial)	5,5-dimethylhydantoin	12,915	<0.01	<0.01
Los Angeles	Water (industrial)	Glutaraldehyde	10,005	<0.01	<0.01
Los Angeles	Landscape maintenance	Glyphosate, isopropylamine salt	26,880	5	72
Los Angeles	Landscape maintenance	Chlorothalonil	15,186	<0.01	<0.01
Los Angeles	Landscape maintenance	Aluminum phosphide	11,659	<0.01	<0.01
Los Angeles	Landscape maintenance	Glyphosate, potassium salt	9,031	62	23
Los Angeles	Landscape maintenance	Thiophanate-methyl	5,874	<0.01	<0.01
Madera	Almond	Mineral oil	1,960,308	3,395	204,818
Madera	Almond	Glyphosate, isopropylamine salt	166,862	2,190	110,302
Madera	Almond	Glyphosate, potassium salt	143,786	2,138	77,148
Madera	Almond	Sulfuryl fluoride	109,006	<0.01	1,909
Madera	Almond	Methylated soybean oil*	90,955	2,659	138,077
Madera	Grape, wine	Sulfur	1,488,953	2,501	181,832
Madera	Grape, wine	1,3-dichloropropene	181,171	14	550
Madera	Grape, wine	Glufosinate-ammonium	25,088	610	23,453
Madera	Grape, wine	Glyphosate, potassium salt	22,445	302	11,162
Madera	Grape, wine	Mineral oil	19,026	215	10,345
Madera	Grape	Sulfur	1,072,759	2,404	129,412
Madera	Grape	1,3-dichloropropene	77,112	6	235
Madera	Grape	Glyphosate, isopropylamine salt	13,999	282	8,885
Madera	Grape	Glyphosate, potassium salt	10,067	177	5,245
Madera	Grape	Glufosinate-ammonium	10,006	393	9,761
Madera	Pistachio	Mineral oil	108,860	443	26,140
Madera	Pistachio	Glyphosate, isopropylamine salt	70,613	837	46,279
Madera	Pistachio	Sulfur	56,616	123	14,729
Madera	Pistachio	Glyphosate, potassium salt	48,341	587	22,505

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Madera	Pistachio	Methylated soybean oil*	33,329	1,061	58,478
Madera	Orange	Mineral oil	109,917	337	11,152
Madera	Orange	Calcium hydroxide	28,428	48	1,641
Madera	Orange	Copper sulfate (basic)	5,802	46	1,475
Madera	Orange	Glyphosate, isopropylamine salt	3,431	50	2,412
Madera	Orange	Methylated soybean oil*	2,365	68	4,110
Marin	Landscape maintenance	Potassium phosphite	19,539	<0.01	<0.01
Marin	Landscape maintenance	Prodiamine	1,763	<0.01	<0.01
Marin	Landscape maintenance	Mineral oil	1,393	<0.01	<0.01
Marin	Landscape maintenance	Imidacloprid	878	<0.01	<0.01
Marin	Landscape maintenance	Glyphosate, isopropylamine salt	612	23	42
Marin	Structural pest control	Sulfuryl fluoride	15,899	<0.01	<0.01
Marin	Structural pest control	Boric acid	1,233	<0.01	<0.01
Marin	Structural pest control	Disodium octaborate tetrahydrate	824	<0.01	<0.01
Marin	Structural pest control	Dinotefuran	136	<0.01	<0.01
Marin	Structural pest control	Limonene	128	<0.01	<0.01
Marin	Grape, wine	Mineral oil	14,654	21	147
Marin	Grape, wine	Sulfur	2,404	52	461
Marin	Grape, wine	Bacillus amyloliquefaciens strain f727	246	3	31
Marin	Grape, wine	Bacillus amyloliquefaciens strain d747	221	6	50
Marin	Grape, wine	Hydrogen peroxide	44	1	18
Marin	Water area	Copper ethanolamine complexes, mixed	7,354	<0.01	1
Marin	Water area	Copper ethylenediamine complex	643	<0.01	<0.01
Marin	Water area	Copper sulfate (pentahydrate)	154	<0.01	4
Marin	Water area	Endothall, dipotassium salt	4	<0.01	1
Marin	Water area	Lecithin*	3	<0.01	12
Marin	Water (industrial)	Hydrogen peroxide	2,471	<0.01	1
Marin	Water (industrial)	Sodium carbonate peroxyhydrate	1,485	<0.01	100
Marin	Water (industrial)	Peroxyacetic acid	523	<0.01	1
Marin	Water (industrial)	Diquat dibromide	26	<0.01	5
Marin	Water (industrial)	Imazamox, ammonium salt	6	<0.01	5
Mariposa	Landscape maintenance	Glyphosate, isopropylamine salt	1,235	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Mariposa	Landscape maintenance	Methylated soybean oil*	721	<0.01	<0.01
Mariposa	Landscape maintenance	Triclopyr, triethylamine salt	273	<0.01	<0.01
Mariposa	Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	93	<0.01	<0.01
Mariposa	Landscape maintenance	Dithiopyr	87	<0.01	<0.01
Mariposa	Rights of way	Glyphosate, isopropylamine salt	727	1	5
Mariposa	Rights of way	Triclopyr, triethylamine salt	157	<0.01	<0.01
Mariposa	Rights of way	Methylated soybean oil*	113	<0.01	<0.01
Mariposa	Rights of way	Aminopyralid, triisopropanolamine salt	71	<0.01	<0.01
Mariposa	Rights of way	Metam-sodium	46	<0.01	<0.01
Mariposa	Structural pest control	Boric acid	343	<0.01	<0.01
Mariposa	Structural pest control	Sulfuryl fluoride	115	<0.01	<0.01
Mariposa	Structural pest control	Bifenthrin	55	<0.01	<0.01
Mariposa	Structural pest control	Permethrin	27	<0.01	<0.01
Mariposa	Structural pest control	Cypermethrin	18	<0.01	<0.01
Mariposa	Apple	Petroleum oil, unclassified	72	1	4
Mariposa	Apple	Glyphosate, potassium salt	32	3	12
Mariposa	Apple	Copper hydroxide	6	2	5
Mariposa	Apple	Poly-i-para-menthene*	4	3	11
Mariposa	Apple	Boric acid	3	1	4
Mariposa	Forest, timberland	Triclopyr, triethylamine salt	90	31	108
Mariposa	Forest, timberland	Glyphosate, isopropylamine salt	25	15	20
Mariposa	Forest, timberland	Triclopyr, butoxyethyl ester	2	1	11
Mariposa	Forest, timberland	Oleic acid, methyl ester*	0	1	11
Mariposa	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	0	9	7
Mendocino	Lumber, treated	Copper ethanolamine complexes, mixed	1,079,573	<0.01	<0.01
Mendocino	Lumber, treated	Octhilinone	126,904	<0.01	<0.01
Mendocino	Lumber, treated	5-chloro-2-methyl-4-isothiazolin-3-one	45,153	<0.01	<0.01
Mendocino	Lumber, treated	2-methyl-4-isothiazolin-3-one	16,064	<0.01	<0.01
Mendocino	Lumber, treated	Propiconazole	9,768	<0.01	<0.01
Mendocino	Grape, wine	Sulfur	446,593	2,051	60,798
Mendocino	Grape, wine	Mineral oil	78,298	523	14,313
Mendocino	Grape, wine	Glyphosate, isopropylamine salt	5,434	199	3,098
Mendocino	Grape, wine	Kaolin	4,292	16	172

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Mendocino	Grape, wine	Glyphosate, potassium salt	3,930	103	3,291
Mendocino	Pear	Mineral oil	69,683	86	3,661
Mendocino	Pear	Mancozeb	9,439	69	2,431
Mendocino	Pear	Ziram	7,709	50	1,734
Mendocino	Pear	Sulfur	5,931	12	704
Mendocino	Pear	Lime-sulfur	3,916	2	161
Mendocino	Forest, timberland	Imazapyr, isopropylamine salt	9,896	226	10,115
Mendocino	Forest, timberland	Triclopyr, butoxyethyl ester	1,230	17	550
Mendocino	Forest, timberland	Methylated soybean oil*	1,001	76	2,100
Mendocino	Forest, timberland	Triclopyr, triethylamine salt	734	17	558
Mendocino	Forest, timberland	Alkyl (c10-16) dimethyl amine oxide	491	74	3,914
Mendocino	Structural pest control	Disodium octaborate tetrahydrate	4,775	<0.01	<0.01
Mendocino	Structural pest control	Sulfuryl fluoride	3,297	<0.01	<0.01
Mendocino	Structural pest control	Cypermethrin	53	<0.01	<0.01
Mendocino	Structural pest control	Imidacloprid	41	<0.01	<0.01
Mendocino	Structural pest control	Bifenthrin	39	<0.01	<0.01
Merced	Almond	Mineral oil	1,024,379	2,338	141,279
Merced	Almond	1,3-dichloropropene	221,241	38	737
Merced	Almond	Glyphosate, potassium salt	174,260	2,217	97,730
Merced	Almond	Glyphosate, isopropylamine salt	148,516	2,027	85,165
Merced	Almond	Methylated soybean oil*	88,039	2,467	127,941
Merced	Tomato, processing	Sulfur	994,681	531	34,789
Merced	Tomato, processing	Potassium n-methyldithiocarbamate	25,308	5	83
Merced	Tomato, processing	S-metolachlor	19,105	211	13,492
Merced	Tomato, processing	Chlorothalonil	18,398	189	10,689
Merced	Tomato, processing	Metam-sodium	15,985	5	76
Merced	Sweet potato	1,3-dichloropropene	744,810	328	6,967
Merced	Sweet potato	Potassium n-methyldithiocarbamate	323,965	66	1,378
Merced	Sweet potato	Chloropicrin	18,272	24	160
Merced	Sweet potato	Burkholderia rinojensis strain a396	6,677	12	550
Merced	Sweet potato	Ethoprop	6,000	50	1,595
Merced	Grape, wine	Sulfur	396,952	460	48,194
Merced	Grape, wine	Lime-sulfur	66,359	21	2,132
Merced	Grape, wine	1,3-dichloropropene	44,333	5	160
Merced	Grape, wine	Glyphosate, potassium salt	23,518	131	6,280
Merced	Grape, wine	Glufosinate-ammonium	13,601	236	12,684

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Merced	Cotton	Glyphosate, potassium salt	48,689	748	33,095
Merced	Cotton	Ethephon	45,837	1,090	44,513
Merced	Cotton	Urea dihydrogen sulfate	29,359	638	25,914
Merced	Cotton	Mineral oil	18,938	577	23,901
Merced	Cotton	Vegetable oil*	10,318	170	9,035
Modoc	Potato	Metam-sodium	34,014	4	229
Modoc	Potato	Chlorothalonil	3,837	36	2,017
Modoc	Potato	Methylated soybean oil*	1,893	110	6,469
Modoc	Potato	Copper hydroxide	1,618	31	1,745
Modoc	Potato	Mancozeb	1,240	22	1,016
Modoc	Alfalfa	Metribuzin	6,499	151	11,146
Modoc	Alfalfa	Paraquat dichloride	6,290	110	8,042
Modoc	Alfalfa	Methylated soybean oil*	3,155	249	19,602
Modoc	Alfalfa	Polyoxyethylene sorbitan monolaurate*	2,315	253	18,907
Modoc	Alfalfa	Glyphosate, potassium salt	2,225	21	1,525
Modoc	Onion, dry	Mancozeb	4,607	41	3,361
Modoc	Onion, dry	Copper hydroxide	2,531	27	2,213
Modoc	Onion, dry	Pendimethalin	1,317	25	1,775
Modoc	Onion, dry	Chlorthal-dimethyl	1,102	9	670
Modoc	Onion, dry	Glyphosate, potassium salt	1,033	13	922
Modoc	Rights of way	Glyphosate, isopropylamine salt	1,986	<0.01	<0.01
Modoc	Rights of way	2,4-d, 2-ethylhexyl ester	1,175	<0.01	<0.01
Modoc	Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	806	<0.01	<0.01
Modoc	Rights of way	Diethylene glycol*	782	<0.01	<0.01
Modoc	Rights of way	2,4-d, dimethylamine salt	660	<0.01	<0.01
Modoc	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	3,298	33	1,255
Modoc	Forest, timberland	Glyphosate, dimethylamine salt	2,006	26	1,021
Modoc	Forest, timberland	Hexazinone	936	5	430
Modoc	Forest, timberland	Glyphosate, isopropylamine salt	500	6	153
Modoc	Forest, timberland	Methylated soybean oil*	366	33	1,255
Mono	Alfalfa	Diuron	1,169	19	957
Mono	Alfalfa	Hexazinone	426	16	772
Mono	Alfalfa	4-(2,4-db), dimethylamine salt	335	5	388
Mono	Alfalfa	Mineral oil	119	3	80
Mono	Alfalfa	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	115	24	1,345
Mono	Rights of way	Glyphosate, isopropylamine salt	532	<0.01	<0.01
Mono	Rights of way	Polymerized pinene*	84	<0.01	<0.01
Mono	Rights of way	Mineral oil	29	<0.01	<0.01
Mono	Rights of way	Triclopyr, triethylamine salt	15	<0.01	<0.01
Mono	Rights of way	Imazapyr, isopropylamine salt	15	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Mono	Forage hay/silage	Methylated soybean oil*	115	2	147
Mono	Forage hay/silage	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	21	2	147
Mono	Forage hay/silage	Chlorantraniliprole	2	2	147
Mono	Forage hay/silage	Lambda-cyhalothrin	0	2	14
Mono	Forage hay/silage	Silicone defoamer*	0	2	147
Mono	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	54	<0.01	<0.01
Mono	Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	29	<0.01	<0.01
Mono	Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	16	<0.01	<0.01
Mono	Structural pest control	Fipronil	4	<0.01	<0.01
Mono	Structural pest control	Cypermethrin	3	<0.01	<0.01
Mono	Structural pest control	Deltamethrin	3	<0.01	<0.01
Mono	Structural pest control	Bifenthrin	1	<0.01	<0.01
Mono	Structural pest control	Esfenvalerate	1	<0.01	<0.01
Monterey	Strawberry	Chloropicrin	2,133,112	533	9,083
Monterey	Strawberry	1,3-dichloropropene	738,795	396	7,844
Monterey	Strawberry	Potassium n-methyldithiocarbamate	306,816	79	1,214
Monterey	Strawberry	Sulfur	165,764	1,328	38,828
Monterey	Strawberry	Dimethylpolysiloxane*	30,639	2,227	85,046
Monterey	Grape, wine	Mineral oil	724,751	3,958	152,479
Monterey	Grape, wine	Sulfur	417,122	3,938	124,938
Monterey	Grape, wine	Lime-sulfur	100,833	208	3,887
Monterey	Grape, wine	Glufosinate-ammonium	61,879	2,094	71,026
Monterey	Grape, wine	1,3-dichloropropene	33,187	6	105
Monterey	Lettuce, leaf	Potassium phosphite	132,006	4,418	44,605
Monterey	Lettuce, leaf	Mancozeb	100,646	6,819	66,974
Monterey	Lettuce, leaf	Diatomaceous earth	95,111	777	7,113
Monterey	Lettuce, leaf	Bensulide	79,785	2,952	22,701
Monterey	Lettuce, leaf	Methomyl	63,716	9,653	86,762
Monterey	Lettuce, head	Mancozeb	68,245	4,198	45,773
Monterey	Lettuce, head	Potassium phosphite	66,046	2,400	26,320
Monterey	Lettuce, head	Methomyl	39,851	5,361	55,900
Monterey	Lettuce, head	Fosetyl-al	33,304	986	11,580
Monterey	Lettuce, head	Bensulide	30,415	959	9,498
Monterey	Broccoli	Diatomaceous earth	70,904	567	4,947
Monterey	Broccoli	Chlorthal-dimethyl	52,710	1,718	16,680

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Monterey	Broccoli	Bensulide	28,358	876	8,701
Monterey	Broccoli	Bacillus thuringiensis (berliner), subsp. aizawai, gc-91 protein	22,615	2,094	25,728
Monterey	Broccoli	Bacillus thuringiensis, subsp. aizawai, strain abts-1857	20,933	2,694	23,153
Napa	Grape, wine	Sulfur	734,977	7,375	130,567
Napa	Grape, wine	Mineral oil	178,513	2,610	39,622
Napa	Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	21,118	6,740	111,092
Napa	Grape, wine	Glyphosate, potassium salt	18,835	1,046	9,008
Napa	Grape, wine	Hydrogen peroxide	9,280	330	4,487
Napa	Soil fumigation/preplant	1,3-dichloropropene	24,278	6	74
Napa	Fumigation, other	Sulfur dioxide	12,645	<0.01	<0.01
Napa	Fumigation, other	Diphacinone	<0.01	<0.01	<0.01
Napa	Landscape maintenance	Potassium phosphite	2,278	<0.01	<0.01
Napa	Landscape maintenance	Mineral oil	1,405	<0.01	<0.01
Napa	Landscape maintenance	Chlorothalonil	1,068	<0.01	<0.01
Napa	Landscape maintenance	Glyphosate, potassium salt	716	<0.01	<0.01
Napa	Landscape maintenance	Glyphosate, isopropylamine salt	695	<0.01	<0.01
Napa	Structural pest control	Sulfuryl fluoride	2,151	<0.01	<0.01
Napa	Structural pest control	Chlorfenapyr	702	<0.01	<0.01
Napa	Structural pest control	Boric acid	568	<0.01	<0.01
Napa	Structural pest control	Bifenthrin	237	<0.01	<0.01
Napa	Structural pest control	Mineral oil	236	<0.01	<0.01
Nevada	Rights of way	Borax	10,869	<0.01	<0.01
Nevada	Rights of way	Copper ethanolamine complexes, mixed	3,961	<0.01	<0.01
Nevada	Rights of way	Glyphosate, isopropylamine salt	2,124	<0.01	<0.01
Nevada	Rights of way	Copper triethanolamine complex	2,022	<0.01	<0.01
Nevada	Rights of way	Copper ethylenediamine complex	1,792	<0.01	<0.01
Nevada	Grape, wine	Sulfur	26,470	100	3,327
Nevada	Grape, wine	Mineral oil	849	42	470
Nevada	Grape, wine	Ammonium sulfate	164	2	184

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Nevada	Grape, wine	Glufosinate-ammonium	131	1	92
Nevada	Grape, wine	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	45	1	92
Nevada	Landscape maintenance	Glyphosate, isopropylamine salt	1,392	<0.01	<0.01
Nevada	Landscape maintenance	Endothall, dipotassium salt	1,339	<0.01	<0.01
Nevada	Landscape maintenance	Diquat dibromide	1,240	<0.01	<0.01
Nevada	Landscape maintenance	Chlorothalonil	1,111	1	1
Nevada	Landscape maintenance	2,4-d, dimethylamine salt	762	<0.01	<0.01
Nevada	Forest, timberland	Fatty acids, methyl esters	1,487	52	740
Nevada	Forest, timberland	Glyphosate, dimethylamine salt	1,060	39	549
Nevada	Forest, timberland	Oleic acid, ethyl ester*	258	2	118
Nevada	Forest, timberland	Methylated soybean oil*	178	5	83
Nevada	Forest, timberland	Triclopyr choline	173	5	173
Nevada	Structural pest control	Sulfuryl fluoride	1,160	<0.01	<0.01
Nevada	Structural pest control	Bifenthrin	221	<0.01	<0.01
Nevada	Structural pest control	Cyfluthrin	76	<0.01	<0.01
Nevada	Structural pest control	Imidacloprid	55	<0.01	<0.01
Nevada	Structural pest control	Fipronil	52	<0.01	<0.01
Orange	Structural pest control	Sulfuryl fluoride	322,207	<0.01	<0.01
Orange	Structural pest control	Boric acid	30,795	<0.01	<0.01
Orange	Structural pest control	Disodium octaborate tetrahydrate	19,711	<0.01	<0.01
Orange	Structural pest control	Piperonyl butoxide	15,008	<0.01	<0.01
Orange	Structural pest control	Deltamethrin	7,503	<0.01	<0.01
Orange	Landscape maintenance	Glyphosate, isopropylamine salt	18,702	6	24
Orange	Landscape maintenance	Chlorothalonil	10,786	<0.01	<0.01
Orange	Landscape maintenance	Glyphosate, potassium salt	8,681	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Orange	Landscape maintenance	Caprylic acid	7,932	<0.01	<0.01
Orange	Landscape maintenance	Mineral oil	6,884	<0.01	<0.01
Orange	Strawberry	Chloropicrin	34,433	12	168
Orange	Strawberry	1,3-dichloropropene	22,225	9	167
Orange	Strawberry	Burkholderia rinojensis strain a396	415	8	48
Orange	Strawberry	Polyalkyleneoxide modified polydimethyl-siloxane*	163	2	62
Orange	Strawberry	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	77	6	75
Orange	Rights of way	Glyphosate, isopropylamine salt	18,191	37	52
Orange	Rights of way	Mineral oil	7,482	<0.01	<0.01
Orange	Rights of way	Disodium octaborate tetrahydrate	3,775	<0.01	<0.01
Orange	Rights of way	Glufosinate-ammonium	2,990	<0.01	<0.01
Orange	Rights of way	Sodium alpha-olefin (c14-c16) sulfonate*	2,045	<0.01	<0.01
Orange	Water (industrial)	Sodium hypochlorite	16,479	<0.01	<0.01
Orange	Water (industrial)	Sodium bromide	11,505	<0.01	<0.01
Orange	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	7,139	<0.01	<0.01
Orange	Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	3,602	<0.01	<0.01
Orange	Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	1,982	<0.01	<0.01
Placer	Rice	Copper sulfate (pentahydrate)	69,053	57	4,550
Placer	Rice	Propanil	48,038	171	10,292
Placer	Rice	Mineral oil	9,324	82	4,983
Placer	Rice	Fatty acids, methyl esters	6,510	83	4,563
Placer	Rice	Thiobencarb	4,457	37	1,628
Placer	Forest, timberland	Fatty acids, methyl esters	26,471	137	4,023
Placer	Forest, timberland	Glyphosate, isopropylamine salt	18,712	66	3,084
Placer	Forest, timberland	Glyphosate, dimethylamine salt	4,384	90	1,877
Placer	Forest, timberland	Methylated soybean oil*	3,107	15	1,150
Placer	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	2,160	152	5,173
Placer	Walnut	Copper hydroxide	12,413	82	3,624
Placer	Walnut	Glyphosate, potassium salt	7,942	70	3,519
Placer	Walnut	Mancozeb	7,061	82	3,624
Placer	Walnut	Mineral oil	4,717	69	3,997
Placer	Walnut	Glufosinate-ammonium	3,845	98	3,195
Placer	Almond	Sulfur	14,322	4	1,438
Placer	Almond	Mineral oil	10,863	36	4,068
Placer	Almond	Glyphosate, potassium salt	4,059	21	2,534
Placer	Almond	Methylated soybean oil*	3,095	57	4,618
Placer	Almond	Copper hydroxide	1,919	9	313

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Placer	Structural pest control	Permethrin	22,396	<0.01	<0.01
Placer	Structural pest control	Boric acid	8,972	<0.01	<0.01
Placer	Structural pest control	Sulfuryl fluoride	3,681	<0.01	<0.01
Placer	Structural pest control	Disodium octaborate tetrahydrate	1,414	<0.01	<0.01
Placer	Structural pest control	Dinotefuran	1,182	<0.01	<0.01
Plumas	Forest, timberland	Methylated soybean oil*	21,794	132	8,220
Plumas	Forest, timberland	Glyphosate, dimethylamine salt	19,463	121	7,788
Plumas	Forest, timberland	Hexazinone	18,681	80	9,502
Plumas	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	17,483	34	3,371
Plumas	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	3,537	98	4,802
Plumas	Water (industrial)	Sodium bromide	4,897	<0.01	<0.01
Plumas	Water (industrial)	Diocetyl dimethyl ammonium chloride	192	<0.01	<0.01
Plumas	Rights of way	Bromacil	680	<0.01	<0.01
Plumas	Rights of way	Glyphosate, isopropylamine salt	596	1	3
Plumas	Rights of way	Triclopyr, triethylamine salt	333	<0.01	<0.01
Plumas	Rights of way	Aminopyralid, triisopropanolamine salt	109	<0.01	<0.01
Plumas	Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	64	1	3
Plumas	Alfalfa	Metribuzin	526	10	1,045
Plumas	Alfalfa	Paraquat dichloride	283	5	615
Plumas	Alfalfa	Glyphosate, isopropylamine salt	188	1	125
Plumas	Alfalfa	2,4-d, dimethylamine salt	71	1	125
Plumas	Alfalfa	Clethodim	33	1	125
Plumas	Landscape maintenance	Chlorothalonil	290	<0.01	<0.01
Plumas	Landscape maintenance	Ethephon	187	<0.01	<0.01
Plumas	Landscape maintenance	Tebuconazole	111	<0.01	<0.01
Plumas	Landscape maintenance	Glyphosate, potassium salt	78	<0.01	<0.01
Plumas	Landscape maintenance	Glyphosate, isopropylamine salt	72	2	4
Riverside	Pepper, fruiting	Metam-sodium	394,090	76	1,819
Riverside	Pepper, fruiting	Potassium n-methyldithiocarbamate	84,122	13	420
Riverside	Pepper, fruiting	1,3-dichloropropene	23,909	5	183
Riverside	Pepper, fruiting	Sulfur	12,364	72	1,375

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Riverside	Pepper, fruiting	Cryolite	2,010	11	207
Riverside	Structural pest control	Sulfuryl fluoride	328,832	<0.01	<0.01
Riverside	Structural pest control	Boric acid	25,506	<0.01	<0.01
Riverside	Structural pest control	Disodium octaborate tetrahydrate	12,592	<0.01	<0.01
Riverside	Structural pest control	Deltamethrin	4,863	<0.01	<0.01
Riverside	Structural pest control	Bifenthrin	3,796	<0.01	<0.01
Riverside	Lemon	Mineral oil	153,301	284	12,060
Riverside	Lemon	Kaolin	113,822	57	2,094
Riverside	Lemon	Metam-sodium	40,851	8	145
Riverside	Lemon	Sulfur	12,712	81	1,915
Riverside	Lemon	Glyphosate, isopropylamine salt	5,962	285	4,646
Riverside	Alfalfa	Acrylamide/sodium acrylate copolymer*	N/A	1	12
Riverside	Alfalfa	Urea inclusion adduct of polyoxy(ethylene)/polyoxy(propylene) block copolymer*	N/A	1	12
Riverside	Alfalfa	Glyphosate, potassium salt	56,093	1,004	43,046
Riverside	Alfalfa	Glyphosate, isopropylamine salt	48,588	1,039	39,852
Riverside	Alfalfa	Methylated soybean oil*	29,248	2,597	112,128
Riverside	Grape	Sulfur	112,597	1,060	32,395
Riverside	Grape	Hydrogen cyanamide	40,726	87	2,518
Riverside	Grape	Metam-sodium	18,186	4	72
Riverside	Grape	Mineral oil	9,856	639	16,271
Riverside	Grape	Alpha-pinene beta-pinene copolymer*	1,876	521	13,086
Sacramento	Grape, wine	Sulfur	2,771,100	3,587	222,900
Sacramento	Grape, wine	1,3-dichloropropene	167,047	11	506
Sacramento	Grape, wine	Mineral oil	42,704	563	18,356
Sacramento	Grape, wine	Glyphosate, isopropylamine salt	39,637	662	15,097
Sacramento	Grape, wine	Glufosinate-ammonium	26,926	898	25,210
Sacramento	Pear	Mineral oil	551,793	901	36,098
Sacramento	Pear	Lime-sulfur	33,287	28	1,275

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Sacramento	Pear	Mancozeb	32,481	309	14,066
Sacramento	Pear	Sulfur	13,347	61	1,467
Sacramento	Pear	Copper oxychloride	4,902	151	4,830
Sacramento	Structural pest control	Sulfuryl fluoride	21,983	<0.01	<0.01
Sacramento	Structural pest control	Bifenthrin	21,468	<0.01	<0.01
Sacramento	Structural pest control	Boric acid	19,161	<0.01	<0.01
Sacramento	Structural pest control	Piperonyl butoxide	3,424	<0.01	<0.01
Sacramento	Structural pest control	Hydroprene	2,976	<0.01	<0.01
Sacramento	Cherry	1,3-dichloropropene	56,461	3	171
Sacramento	Cherry	Chloropicrin	10,885	3	171
Sacramento	Cherry	Mineral oil	7,838	113	1,266
Sacramento	Cherry	Sulfur	2,347	18	489
Sacramento	Cherry	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	1,373	69	1,040
Sacramento	Landscape maintenance	Glyphosate, isopropylamine salt	23,877	11	420
Sacramento	Landscape maintenance	Glyphosate, potassium salt	7,222	<0.01	<0.01
Sacramento	Landscape maintenance	Mineral oil	3,726	<0.01	<0.01
Sacramento	Landscape maintenance	Chlorothalonil	1,766	<0.01	<0.01
Sacramento	Landscape maintenance	Pendimethalin	1,691	<0.01	<0.01
San Benito	Grape, wine	Mineral oil	62,664	769	12,538
San Benito	Grape, wine	Sulfur	36,159	177	5,439
San Benito	Grape, wine	Potassium n-methyldithiocarbamate	25,147	5	191
San Benito	Grape, wine	1,3-dichloropropene	6,813	3	21
San Benito	Grape, wine	Potassium bicarbonate	2,738	31	976
San Benito	Pepper, fruiting	Potassium n-methyldithiocarbamate	126,424	49	554
San Benito	Pepper, fruiting	Kaolin	5,475	6	73
San Benito	Pepper, fruiting	Bacillus amyloliquefaciens strain d747	1,200	57	136

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Benito	Pepper, fruiting	Sulfur	893	41	250
San Benito	Pepper, fruiting	Glyphosate, isopropylamine salt	632	10	324
San Benito	Lettuce, leaf	Diatomaceous earth	62,757	871	4,956
San Benito	Lettuce, leaf	Bensulide	9,155	443	2,520
San Benito	Lettuce, leaf	Potassium phosphite	7,371	366	2,731
San Benito	Lettuce, leaf	Burkholderia rinojensis strain a396	4,696	172	1,020
San Benito	Lettuce, leaf	Mancozeb	3,874	319	2,507
San Benito	Broccoli	Diatomaceous earth	30,112	269	1,985
San Benito	Broccoli	Potash soap	3,742	198	705
San Benito	Broccoli	Chlorthal-dimethyl	2,362	65	598
San Benito	Broccoli	Bensulide	2,277	75	699
San Benito	Broccoli	Burkholderia rinojensis strain a396	2,148	129	338
San Benito	Spinach	Potassium phosphite	7,790	464	3,070
San Benito	Spinach	Diatomaceous earth	5,685	149	939
San Benito	Spinach	Bacillus amyloliquefaciens strain d747	3,712	63	509
San Benito	Spinach	Cycloate	2,338	306	1,822
San Benito	Spinach	Burkholderia rinojensis strain a396	1,720	47	394
San Bernardino	Structural pest control	Sulfuryl fluoride	63,945	<0.01	<0.01
San Bernardino	Structural pest control	Boric acid	32,040	<0.01	<0.01
San Bernardino	Structural pest control	Dinotefuran	16,044	<0.01	<0.01
San Bernardino	Structural pest control	Disodium octaborate tetrahydrate	6,238	<0.01	<0.01
San Bernardino	Structural pest control	Magnesium phosphide	2,550	<0.01	<0.01
San Bernardino	Rights of way	Glyphosate, isopropylamine salt	39,173	13	76
San Bernardino	Rights of way	Bromacil	8,790	<0.01	<0.01
San Bernardino	Rights of way	Glyphosate, potassium salt	4,789	<0.01	<0.01
San Bernardino	Rights of way	Disodium octaborate tetrahydrate	4,202	<0.01	<0.01
San Bernardino	Rights of way	Imazapyr, isopropylamine salt	4,144	10	113
San Bernardino	Landscape maintenance	Disodium octaborate tetrahydrate	27,005	<0.01	<0.01
San Bernardino	Landscape maintenance	Glyphosate, isopropylamine salt	21,716	47	575
San Bernardino	Landscape maintenance	Glyphosate, potassium salt	9,805	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Bernardino	Landscape maintenance	Aluminum phosphide	1,238	<0.01	<0.01
San Bernardino	Landscape maintenance	Pendimethalin	1,051	<0.01	<0.01
San Bernardino	Water (industrial)	Sodium chlorate	16,768	<0.01	<0.01
San Bernardino	Water (industrial)	Sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	6,463	<0.01	<0.01
San Bernardino	Water (industrial)	Sodium hypochlorite	5,332	<0.01	<0.01
San Bernardino	Water (industrial)	Diocetyl dimethyl ammonium chloride	2,987	<0.01	<0.01
San Bernardino	Water (industrial)	Sodium bromide	2,919	<0.01	<0.01
San Bernardino	Water area	Copper sulfate (pentahydrate)	16,616	1	1,509
San Bernardino	Water area	Sodium carbonate peroxyhydrate	3,547	<0.01	83
San Bernardino	Water area	Diquat dibromide	607	<0.01	269
San Bernardino	Water area	Copper ethanolamine complexes, mixed	606	<0.01	218
San Bernardino	Water area	Acid blue 9, diammonium salt	102	<0.01	140
San Diego	Structural pest control	Sulfuryl fluoride	431,285	<0.01	<0.01
San Diego	Structural pest control	Disodium octaborate tetrahydrate	63,553	<0.01	<0.01
San Diego	Structural pest control	Boric acid	25,576	<0.01	<0.01
San Diego	Structural pest control	Limonene	15,778	<0.01	<0.01
San Diego	Structural pest control	Permethrin	11,634	<0.01	<0.01
San Diego	Avocado	Mineral oil	128,329	366	6,520
San Diego	Avocado	Caprylic acid	8,951	98	815
San Diego	Avocado	Glyphosate, potassium salt	8,692	910	6,927
San Diego	Avocado	Capric acid	6,094	98	815
San Diego	Avocado	Glyphosate, isopropylamine salt	3,295	576	4,433
San Diego	Landscape maintenance	Glyphosate, isopropylamine salt	31,546	5	78
San Diego	Landscape maintenance	Diquat dibromide	19,738	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Diego	Landscape maintenance	Mineral oil	14,124	<0.01	<0.01
San Diego	Landscape maintenance	Chlorothalonil	10,520	<0.01	<0.01
San Diego	Landscape maintenance	Potassium phosphite	6,210	<0.01	<0.01
San Diego	Tomato	Chloropicrin	60,482	70	611
San Diego	Tomato	Metam-sodium	17,565	10	152
San Diego	Tomato	Sulfur	10,575	44	1,676
San Diego	Tomato	Chlorothalonil	3,091	58	2,142
San Diego	Tomato	Oxamyl	1,773	49	2,232
San Diego	Rights of way	Glyphosate, isopropylamine salt	31,421	28	<0.01
San Diego	Rights of way	Dazomet	15,134	<0.01	<0.01
San Diego	Rights of way	Paclobutrazol	9,518	<0.01	<0.01
San Diego	Rights of way	Borax	8,041	<0.01	<0.01
San Diego	Rights of way	Copper naphthenate	7,575	<0.01	<0.01
San Francisco	Water (industrial)	Glutaraldehyde	2,898	<0.01	<0.01
San Francisco	Water (industrial)	Sodium hypochlorite	1,943	<0.01	<0.01
San Francisco	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	1,861	<0.01	<0.01
San Francisco	Water (industrial)	Sodium bromide	1,258	<0.01	<0.01
San Francisco	Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	506	<0.01	<0.01
San Francisco	Golf course turf	Chlorothalonil	3,023	<0.01	478
San Francisco	Golf course turf	Ethofumesate	724	<0.01	139
San Francisco	Golf course turf	Thiophanate-methyl	596	<0.01	224
San Francisco	Golf course turf	Potassium phosphite	165	<0.01	20
San Francisco	Golf course turf	Trinexapac-ethyl	146	<0.01	1,170
San Francisco	Structural pest control	Boric acid	1,240	<0.01	<0.01
San Francisco	Structural pest control	Disodium octaborate tetrahydrate	1,134	<0.01	<0.01
San Francisco	Structural pest control	Sulfuryl fluoride	1,077	<0.01	<0.01
San Francisco	Structural pest control	Dinotefuran	658	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Francisco	Structural pest control	Acephate	170	<0.01	<0.01
San Francisco	Landscape maintenance	Potassium phosphite	1,364	<0.01	<0.01
San Francisco	Landscape maintenance	Mineral oil	529	<0.01	<0.01
San Francisco	Landscape maintenance	Glyphosate, isopropylamine salt	465	<0.01	<0.01
San Francisco	Landscape maintenance	Propiconazole	218	<0.01	<0.01
San Francisco	Landscape maintenance	Margosa oil	121	<0.01	<0.01
San Francisco	N-grnhs transplants	Chlorothalonil	758	<0.01	106
San Francisco	N-grnhs transplants	Ethephon	622	<0.01	181
San Francisco	N-grnhs transplants	Potassium phosphite	134	<0.01	11
San Francisco	N-grnhs transplants	Prodiamine	67	<0.01	83
San Francisco	N-grnhs transplants	Fosetyl-al	66	<0.01	10
San Joaquin	Grape, wine	Sulfur	5,603,813	10,396	456,996
San Joaquin	Grape, wine	1,3-dichloropropene	90,423	12	275
San Joaquin	Grape, wine	Glufosinate-ammonium	48,886	2,614	54,267
San Joaquin	Grape, wine	Glyphosate, potassium salt	39,880	1,055	25,511
San Joaquin	Grape, wine	Glyphosate, isopropylamine salt	37,272	1,183	19,809
San Joaquin	Almond	Mineral oil	524,002	1,527	67,747
San Joaquin	Almond	Glyphosate, isopropylamine salt	131,804	1,876	68,940
San Joaquin	Almond	1,3-dichloropropene	116,633	25	396
San Joaquin	Almond	Glyphosate, potassium salt	61,134	982	29,218
San Joaquin	Almond	Glufosinate-ammonium	53,602	1,653	54,309
San Joaquin	Walnut	Copper hydroxide	133,520	1,048	40,677

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Joaquin	Walnut	Mancozeb	79,160	1,133	44,257
San Joaquin	Walnut	Potassium phosphite	58,154	445	23,502
San Joaquin	Walnut	1,3-dichloropropene	55,103	11	337
San Joaquin	Walnut	Corn steep liquor*	43,254	347	11,391
San Joaquin	Tomato, processing	Sulfur	449,040	342	18,344
San Joaquin	Tomato, processing	Potassium n-methyldithiocarbamate	134,137	23	2,036
San Joaquin	Tomato, processing	Chlorothalonil	34,724	369	19,360
San Joaquin	Tomato, processing	Kaolin	23,436	29	1,226
San Joaquin	Tomato, processing	S-metolachlor	20,552	205	11,501
San Joaquin	Cherry	Mineral oil	119,858	877	15,355
San Joaquin	Cherry	1,3-dichloropropene	42,926	9	131
San Joaquin	Cherry	Hydrogen cyanamide	38,817	196	3,916
San Joaquin	Cherry	Methyl bromide	35,364	<0.01	<0.01
San Joaquin	Cherry	Sulfur	32,027	297	6,181
San Luis Obispo	Strawberry	Chloropicrin	589,381	110	3,083
San Luis Obispo	Strawberry	1,3-dichloropropene	148,261	48	1,332
San Luis Obispo	Strawberry	Potassium n-methyldithiocarbamate	107,341	24	411
San Luis Obispo	Strawberry	Sulfur	103,022	373	14,816
San Luis Obispo	Strawberry	Metam-sodium	67,225	8	284
San Luis Obispo	Grape, wine	Sulfur	332,357	2,289	98,964
San Luis Obispo	Grape, wine	Mineral oil	167,661	1,079	41,625
San Luis Obispo	Grape, wine	Glufosinate-ammonium	34,307	1,187	22,814

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Luis Obispo	Grape, wine	Glyphosate, isopropylamine salt	15,709	217	6,178
San Luis Obispo	Grape, wine	Glyphosate, potassium salt	11,590	145	4,044
San Luis Obispo	Carrot	Sulfur	77,479	210	13,260
San Luis Obispo	Carrot	1,3-dichloropropene	37,362	3	316
San Luis Obispo	Carrot	Potassium n-methyldithiocarbamate	29,283	1	111
San Luis Obispo	Carrot	Metam-sodium	24,027	2	135
San Luis Obispo	Carrot	Caprylic acid	1,364	13	512
San Luis Obispo	Lemon	Mineral oil	45,398	94	2,514
San Luis Obispo	Lemon	Calcium hydroxide	5,699	18	635
San Luis Obispo	Lemon	Glyphosate, potassium salt	3,834	103	3,960
San Luis Obispo	Lemon	Copper sulfate (basic)	2,155	12	532
San Luis Obispo	Lemon	Glyphosate, isopropylamine salt	2,072	122	1,566
San Luis Obispo	Chinese cabbage (napa, wong bok, celery cabbage)	1,3-dichloropropene	42,673	29	361
San Luis Obispo	Chinese cabbage (napa, wong bok, celery cabbage)	Chlorthal-dimethyl	4,417	120	479
San Luis Obispo	Chinese cabbage (napa, wong bok, celery cabbage)	Fatty acids, c16-c18 and c18-unsaturated, methyl esters*	1,844	524	2,875
San Luis Obispo	Chinese cabbage (napa, wong bok, celery cabbage)	Chlorothalonil	904	66	760
San Luis Obispo	Chinese cabbage (napa, wong bok, celery cabbage)	4-nonylphenol, formaldehyde resin, propoxylated*	605	524	2,875
San Mateo	Structural pest control	Sulfuryl fluoride	51,181	<0.01	<0.01
San Mateo	Structural pest control	Boric acid	10,631	<0.01	<0.01
San Mateo	Structural pest control	Disodium octaborate tetrahydrate	4,059	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Mateo	Structural pest control	Dinotefuran	916	1	1
San Mateo	Structural pest control	Imidacloprid	399	<0.01	<0.01
San Mateo	Brussels sprout	Potassium n-methyldithiocarbamate	34,638	30	391
San Mateo	Brussels sprout	Pcnb	4,555	16	209
San Mateo	Brussels sprout	1,3-dichloropropene	3,859	7	31
San Mateo	Brussels sprout	Potassium phosphite	825	45	515
San Mateo	Brussels sprout	Chlorothalonil	484	34	534
San Mateo	Landscape maintenance	Potassium phosphite	15,153	<0.01	<0.01
San Mateo	Landscape maintenance	Chlorothalonil	3,573	<0.01	<0.01
San Mateo	Landscape maintenance	Mineral oil	1,968	<0.01	<0.01
San Mateo	Landscape maintenance	Glyphosate, isopropylamine salt	1,508	<0.01	<0.01
San Mateo	Landscape maintenance	Sodium dichloro-s-triazinetrione dihydrate	1,238	<0.01	<0.01
San Mateo	Rights of way	Sodium alpha-olefin (c14-c16) sulfonate*	4,367	<0.01	<0.01
San Mateo	Rights of way	Diquat dibromide	1,485	<0.01	<0.01
San Mateo	Rights of way	Glyphosate, dimethylamine salt	1,150	<0.01	<0.01
San Mateo	Rights of way	Metam-sodium	1,035	<0.01	<0.01
San Mateo	Rights of way	Borax	782	<0.01	<0.01
San Mateo	Public health	Mineral oil	10,852	<0.01	<0.01
San Mateo	Public health	Spinosad	58	<0.01	<0.01
San Mateo	Public health	S-methoprene	22	<0.01	<0.01
San Mateo	Public health	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	17	<0.01	<0.01
San Mateo	Public health	Methoprene	16	<0.01	<0.01
Santa Barbara	Strawberry	Chloropicrin	1,931,268	316	9,914
Santa Barbara	Strawberry	1,3-dichloropropene	398,632	125	3,539
Santa Barbara	Strawberry	Sulfur	243,596	1,410	46,878
Santa Barbara	Strawberry	Potassium n-methyldithiocarbamate	241,827	30	964
Santa Barbara	Strawberry	Metam-sodium	173,789	22	750
Santa Barbara	Grape, wine	Sulfur	558,286	1,658	101,198
Santa Barbara	Grape, wine	Mineral oil	62,317	699	24,188

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Santa Barbara	Grape, wine	1,3-dichloropropene	49,120	2	149
Santa Barbara	Grape, wine	Potassium bicarbonate	40,225	510	13,688
Santa Barbara	Grape, wine	Bacillus amyloliquefaciens strain d747	14,886	71	1,342
Santa Barbara	Carrot	Potassium n-methyldithiocarbamate	265,946	10	1,011
Santa Barbara	Carrot	Sulfur	50,845	217	14,695
Santa Barbara	Carrot	1,3-dichloropropene	39,219	5	332
Santa Barbara	Carrot	Metam-sodium	16,637	2	92
Santa Barbara	Carrot	Linuron	3,495	176	5,855
Santa Barbara	Lemon	Mineral oil	100,714	300	3,435
Santa Barbara	Lemon	Glyphosate, isopropylamine salt	5,836	362	4,506
Santa Barbara	Lemon	Glyphosate, potassium salt	2,045	162	1,081
Santa Barbara	Lemon	Sulfur	1,664	6	104
Santa Barbara	Lemon	Glufosinate-ammonium	1,121	210	2,786
Santa Barbara	Avocado	Mineral oil	91,343	237	4,555
Santa Barbara	Avocado	Glyphosate, isopropylamine salt	8,789	543	6,396
Santa Barbara	Avocado	Glyphosate, potassium salt	6,108	379	4,004
Santa Barbara	Avocado	Dimethylpolysiloxane*	655	220	2,233
Santa Barbara	Avocado	Oleic acid, methyl ester*	398	23	1,063
Santa Clara	Structural pest control	Sulfuryl fluoride	158,740	<0.01	<0.01
Santa Clara	Structural pest control	Boric acid	35,603	<0.01	<0.01
Santa Clara	Structural pest control	Disodium octaborate tetrahydrate	9,283	<0.01	<0.01
Santa Clara	Structural pest control	Dinotefuran	1,658	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Santa Clara	Structural pest control	Limonene	1,093	<0.01	<0.01
Santa Clara	Pepper, fruiting	Potassium n-methyldithiocarbamate	92,183	39	389
Santa Clara	Pepper, fruiting	Chloropicrin	26,568	14	189
Santa Clara	Pepper, fruiting	1,3-dichloropropene	17,414	14	189
Santa Clara	Pepper, fruiting	Kaolin	9,120	7	165
Santa Clara	Pepper, fruiting	Sulfur	1,335	22	513
Santa Clara	Water (industrial)	2,2-dibromo-3-nitrilopropionamide	14,391	<0.01	<0.01
Santa Clara	Water (industrial)	Sodium hypochlorite	13,261	<0.01	<0.01
Santa Clara	Water (industrial)	Sodium bromide	9,268	<0.01	<0.01
Santa Clara	Water (industrial)	Glutaraldehyde	8,820	<0.01	<0.01
Santa Clara	Water (industrial)	5,5-dimethylhydantoin	6,457	<0.01	<0.01
Santa Clara	Landscape maintenance	Potassium phosphite	11,520	<0.01	<0.01
Santa Clara	Landscape maintenance	Glyphosate, isopropylamine salt	4,221	<0.01	<0.01
Santa Clara	Landscape maintenance	Glyphosate, potassium salt	3,941	81	52
Santa Clara	Landscape maintenance	Sodium dichloro-s-triazinetrione dihydrate	3,935	<0.01	<0.01
Santa Clara	Landscape maintenance	Chlorothalonil	2,354	<0.01	<0.01
Santa Clara	Grape, wine	Sulfur	14,439	235	2,870
Santa Clara	Grape, wine	Mineral oil	7,021	131	1,407
Santa Clara	Grape, wine	Potassium bicarbonate	3,188	121	1,289
Santa Clara	Grape, wine	Burkholderia rinojensis strain a396	558	20	78
Santa Clara	Grape, wine	Kaolin	509	14	46
Santa Cruz	Strawberry	Chloropicrin	406,205	119	1,586
Santa Cruz	Strawberry	1,3-dichloropropene	138,255	73	1,417
Santa Cruz	Strawberry	Potassium n-methyldithiocarbamate	34,709	6	143
Santa Cruz	Strawberry	Sulfur	12,581	151	3,851
Santa Cruz	Strawberry	Captan	11,541	217	5,227
Santa Cruz	Raspberry	Chloropicrin	135,505	28	468
Santa Cruz	Raspberry	1,3-dichloropropene	45,430	19	440
Santa Cruz	Raspberry	Lime-sulfur	28,775	55	765
Santa Cruz	Raspberry	Caprylic acid	7,198	37	426
Santa Cruz	Raspberry	Capric acid	5,582	37	426
Santa Cruz	Blackberry	Soybean oil	47,862	393	3,502
Santa Cruz	Blackberry	Chloropicrin	12,708	15	95
Santa Cruz	Blackberry	Lime-sulfur	10,826	60	358
Santa Cruz	Blackberry	Mineral oil	5,604	132	1,524
Santa Cruz	Blackberry	Bacillus amyloliquefaciens strain f727	4,398	65	827
Santa Cruz	Brussels sprout	1,3-dichloropropene	72,854	33	685

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Santa Cruz	Brussels sprout	Potash soap	1,536	19	102
Santa Cruz	Brussels sprout	Diatomaceous earth	863	5	39
Santa Cruz	Brussels sprout	Lecithin*	519	97	1,529
Santa Cruz	Brussels sprout	Burkholderia rinojensis strain a396	470	18	89
Santa Cruz	Structural pest control	Sulfuryl fluoride	60,523	<0.01	<0.01
Santa Cruz	Structural pest control	Boric acid	2,335	<0.01	<0.01
Santa Cruz	Structural pest control	Disodium octaborate tetrahydrate	865	<0.01	<0.01
Santa Cruz	Structural pest control	Limonene	357	<0.01	<0.01
Santa Cruz	Structural pest control	Permethrin	133	<0.01	<0.01
Shasta	Forest, timberland	Methylated soybean oil*	32,821	478	14,211
Shasta	Forest, timberland	Glyphosate, dimethylamine salt	27,546	463	16,025
Shasta	Forest, timberland	Glyphosate, isopropylamine salt	9,120	153	4,385
Shasta	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	8,693	139	3,211
Shasta	Forest, timberland	Oxyfluorfen	7,729	121	5,246
Shasta	Soil fumigation/preplant	Methyl bromide	25,158	10	120
Shasta	Soil fumigation/preplant	Chloropicrin	18,846	10	120
Shasta	Soil fumigation/preplant	Potassium phosphite	19	1	6
Shasta	Soil fumigation/preplant	Fosetyl-al	3	1	1
Shasta	Rights of way	Borax	10,577	<0.01	<0.01
Shasta	Rights of way	Metam-sodium	6,439	<0.01	<0.01
Shasta	Rights of way	Methylated soybean oil*	5,941	<0.01	<0.01
Shasta	Rights of way	Glyphosate, isopropylamine salt	4,925	8	157
Shasta	Rights of way	Glyphosate, dimethylamine salt	4,833	<0.01	<0.01
Shasta	Water (industrial)	Sodium chlorate	10,096	<0.01	<0.01
Shasta	Water (industrial)	Sodium bromide	3,396	<0.01	<0.01
Shasta	Water (industrial)	Sodium hypochlorite	412	<0.01	<0.01
Shasta	Water (industrial)	Glutaraldehyde	264	<0.01	<0.01
Shasta	Walnut	Copper hydroxide	4,423	64	1,532
Shasta	Walnut	Mancozeb	2,017	64	1,532
Shasta	Walnut	Glyphosate, potassium salt	1,812	53	1,066

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Shasta	Walnut	Bifenazate	613	27	849
Shasta	Walnut	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	428	70	1,886
Sierra	Rights of way	Glyphosate, isopropylamine salt	896	<0.01	<0.01
Sierra	Rights of way	Triclopyr, triethylamine salt	788	<0.01	<0.01
Sierra	Rights of way	Borax	13	<0.01	<0.01
Sierra	Rights of way	Metam-sodium	8	<0.01	<0.01
Sierra	Rights of way	Disodium octaborate anhydrous	2	<0.01	<0.01
Sierra	Forest, timberland	Fatty acids, methyl esters	433	18	220
Sierra	Forest, timberland	Glyphosate, dimethylamine salt	334	18	209
Sierra	Forest, timberland	Methylated soybean oil*	52	2	25
Sierra	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	33	20	245
Sierra	Forest, timberland	Imazapyr, isopropylamine salt	16	4	61
Sierra	Alfalfa	Clethodim	142	9	543
Sierra	Alfalfa	Imazethapyr, ammonium salt	54	9	543
Sierra	Alfalfa	Pyraclostrobin	53	9	543
Sierra	Alfalfa	Cyfluthrin	27	9	543
Sierra	Grain	2,4-d, dimethylamine salt	24	1	63
Sierra	Grain	Dicamba, dimethylamine salt	12	1	63
Sierra	Grain	Lecithin*	7	1	63
Sierra	Grain	Propionic acid	7	1	63
Sierra	Grain	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	2	1	63
Sierra	Forage hay/silage	2,4-d, dimethylamine salt	25	2	60
Sierra	Forage hay/silage	Dicamba, dimethylamine salt	9	2	60
Siskiyou	Soil fumigation/preplant	Methyl bromide	746,442	167	3,286
Siskiyou	Soil fumigation/preplant	Chloropicrin	430,100	167	3,286
Siskiyou	Potato	Metam-sodium	78,279	10	613
Siskiyou	Potato	1,3-dichloropropene	21,413	4	167
Siskiyou	Potato	Burkholderia rinojensis strain a396	7,462	19	874
Siskiyou	Potato	Copper hydroxide	3,366	77	3,561
Siskiyou	Potato	Chlorothalonil	2,710	50	2,629
Siskiyou	Strawberry	Sulfur	10,310	105	3,925
Siskiyou	Strawberry	Iprodione	5,805	5	91
Siskiyou	Strawberry	Captan	5,503	72	3,052
Siskiyou	Strawberry	Copper sulfate (basic)	3,584	42	2,119
Siskiyou	Strawberry	Thiram	3,233	30	1,217

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Siskiyou	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	13,892	130	2,338
Siskiyou	Forest, timberland	Glyphosate, dimethylamine salt	13,474	227	7,629
Siskiyou	Forest, timberland	Hexazinone	4,745	37	2,902
Siskiyou	Forest, timberland	Methylated soybean oil*	2,891	137	2,674
Siskiyou	Forest, timberland	Oleic acid, methyl ester*	1,783	2	513
Siskiyou	Alfalfa	Paraquat dichloride	6,744	157	8,924
Siskiyou	Alfalfa	Metribuzin	6,248	209	11,960
Siskiyou	Alfalfa	Malathion	5,114	115	5,504
Siskiyou	Alfalfa	Pendimethalin	4,279	23	2,465
Siskiyou	Alfalfa	Glyphosate, potassium salt	2,326	13	1,170
Solano	Grape, wine	Sulfur	258,321	804	24,348
Solano	Grape, wine	Lime-sulfur	16,837	20	610
Solano	Grape, wine	Mineral oil	6,439	74	1,558
Solano	Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	3,239	520	12,077
Solano	Grape, wine	Potassium bicarbonate	2,982	30	783
Solano	Almond	Mineral oil	45,404	65	10,853
Solano	Almond	Sulfur	41,052	30	4,522
Solano	Almond	Glyphosate, isopropylamine salt	19,525	173	10,275
Solano	Almond	Methylated soybean oil*	14,498	396	24,052
Solano	Almond	Glyphosate, potassium salt	12,950	152	6,381
Solano	Tomato, processing	Sulfur	154,959	146	7,069
Solano	Tomato, processing	S-metolachlor	13,472	150	7,505
Solano	Tomato, processing	Chlorothalonil	11,347	112	5,764
Solano	Tomato, processing	Carbaryl	4,905	154	7,720
Solano	Tomato, processing	Trifluralin	3,168	115	5,741
Solano	Rights of way	Copper sulfate (pentahydrate)	32,233	<0.01	<0.01
Solano	Rights of way	Glyphosate, isopropylamine salt	29,172	2	1,307
Solano	Rights of way	Triclopyr choline	3,876	<0.01	<0.01
Solano	Rights of way	Endothall, mono [n,n-dimethyl alkylamine] salt	2,658	<0.01	<0.01
Solano	Rights of way	Oxyfluorfen	1,989	<0.01	<0.01
Solano	Walnut	Glyphosate, isopropylamine salt	8,519	116	7,402
Solano	Walnut	Copper hydroxide	7,029	91	3,134
Solano	Walnut	Kaolin	4,940	2	140
Solano	Walnut	Glyphosate, potassium salt	4,774	161	4,101
Solano	Walnut	Corn steep liquor*	3,336	3	829
Sonoma	Grape, wine	Sulfur	1,531,562	10,267	229,370
Sonoma	Grape, wine	Mineral oil	272,403	3,128	59,574
Sonoma	Grape, wine	Glyphosate, potassium salt	32,302	1,342	26,914

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Sonoma	Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	22,189	4,559	92,727
Sonoma	Grape, wine	Glufosinate-ammonium	14,678	1,793	17,121
Sonoma	Landscape maintenance	Prodiamine	20,824	<0.01	<0.01
Sonoma	Landscape maintenance	Paclobutrazol	18,176	<0.01	<0.01
Sonoma	Landscape maintenance	Potassium phosphite	5,728	<0.01	<0.01
Sonoma	Landscape maintenance	Sodium carbonate peroxyhydrate	2,890	<0.01	<0.01
Sonoma	Landscape maintenance	Imidacloprid	2,335	<0.01	<0.01
Sonoma	Structural pest control	Sulfuryl fluoride	42,823	<0.01	<0.01
Sonoma	Structural pest control	Disodium octaborate tetrahydrate	3,219	<0.01	<0.01
Sonoma	Structural pest control	Boric acid	1,683	<0.01	<0.01
Sonoma	Structural pest control	Imidacloprid	521	<0.01	<0.01
Sonoma	Structural pest control	Bifenthrin	431	<0.01	<0.01
Sonoma	Apple	Mineral oil	14,852	104	652
Sonoma	Apple	Lime-sulfur	7,809	133	905
Sonoma	Apple	Sulfur	7,005	151	1,007
Sonoma	Apple	Kaolin	6,833	43	266
Sonoma	Apple	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	788	108	784
Sonoma	Soil fumigation/preplant	1,3-dichloropropene	26,814	5	81
Stanislaus	Almond	Mineral oil	1,452,964	3,078	176,538
Stanislaus	Almond	1,3-dichloropropene	539,253	99	1,692
Stanislaus	Almond	Glyphosate, isopropylamine salt	222,233	3,124	128,999
Stanislaus	Almond	Glyphosate, potassium salt	160,014	2,316	89,734
Stanislaus	Almond	Glufosinate-ammonium	100,586	2,886	105,912
Stanislaus	Walnut	1,3-dichloropropene	69,578	20	336
Stanislaus	Walnut	Copper hydroxide	58,228	391	13,403
Stanislaus	Walnut	Kaolin	55,423	40	2,168
Stanislaus	Walnut	Corn steep liquor*	42,152	249	9,729

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Stanislaus	Walnut	Mineral oil	34,053	264	9,622
Stanislaus	Grape, wine	Sulfur	331,488	477	29,696
Stanislaus	Grape, wine	Lime-sulfur	6,144	12	716
Stanislaus	Grape, wine	Glyphosate, potassium salt	4,966	72	1,715
Stanislaus	Grape, wine	Glufosinate-ammonium	4,660	157	3,855
Stanislaus	Grape, wine	1,3-dichloropropene	4,387	1	13
Stanislaus	Tomato, processing	Sulfur	90,828	67	4,174
Stanislaus	Tomato, processing	Potassium n-methyldithiocarbamate	77,427	7	339
Stanislaus	Tomato, processing	1,3-dichloropropene	30,284	4	260
Stanislaus	Tomato, processing	Chlorothalonil	13,160	113	7,119
Stanislaus	Tomato, processing	Kaolin	4,394	2	167
Stanislaus	Sweet potato	1,3-dichloropropene	137,133	43	1,210
Stanislaus	Sweet potato	Ethoprop	1,236	8	317
Stanislaus	Sweet potato	Methylated fatty acids from canola oil*	126	2	87
Stanislaus	Sweet potato	Glyphosate, potassium salt	31	1	64
Stanislaus	Sweet potato	Clethodim	23	2	87
Sutter	Rice	Propanil	297,238	806	64,770
Sutter	Rice	Copper sulfate (pentahydrate)	97,534	131	7,266
Sutter	Rice	Mineral oil	89,959	500	39,767
Sutter	Rice	Sodium carbonate peroxyhydrate	65,292	46	3,300
Sutter	Rice	Thiobencarb	49,231	183	15,086
Sutter	Walnut	Copper hydroxide	133,388	783	28,446
Sutter	Walnut	1,3-dichloropropene	76,853	14	247
Sutter	Walnut	Mancozeb	49,127	779	28,174
Sutter	Walnut	Glyphosate, isopropylamine salt	39,113	540	17,038
Sutter	Walnut	Kaolin	29,052	39	1,030
Sutter	Peach	Mineral oil	146,573	562	9,014
Sutter	Peach	Copper hydroxide	30,575	256	4,692
Sutter	Peach	Copper sulfate (basic)	26,705	118	1,940
Sutter	Peach	Ziram	22,954	313	5,077
Sutter	Peach	1,3-dichloropropene	21,372	9	65
Sutter	Tomato, processing	Kaolin	66,433	22	1,696
Sutter	Tomato, processing	Sulfur	56,741	28	2,410
Sutter	Tomato, processing	S-metolachlor	19,750	133	6,739
Sutter	Tomato, processing	Potassium n-methyldithiocarbamate	9,614	3	28
Sutter	Tomato, processing	Trifluralin	8,168	132	6,863
Sutter	Uncultivated ag	1,3-dichloropropene	112,714	27	342
Sutter	Uncultivated ag	Chloropicrin	21,474	3	109
Sutter	Uncultivated ag	Glyphosate, isopropylamine salt	9,288	117	6,407
Sutter	Uncultivated ag	Glyphosate, potassium salt	5,592	76	2,945
Sutter	Uncultivated ag	Mineral oil	1,967	36	2,562
Tehama	Walnut	Copper hydroxide	164,910	1,293	38,409

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Tehama	Walnut	Mancozeb	68,024	1,295	38,010
Tehama	Walnut	Glyphosate, isopropylamine salt	29,888	704	16,736
Tehama	Walnut	1,3-dichloropropene	29,207	115	89
Tehama	Walnut	Kaolin	28,755	18	905
Tehama	Almond	Glyphosate, isopropylamine salt	16,288	213	8,255
Tehama	Almond	Methylated soybean oil*	13,426	320	12,687
Tehama	Almond	Mineral oil	11,963	90	3,168
Tehama	Almond	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	11,489	434	20,791
Tehama	Almond	Glyphosate, potassium salt	9,200	152	4,813
Tehama	Uncultivated ag	1,3-dichloropropene	95,677	9	291
Tehama	Uncultivated ag	Chloropicrin	12,474	1	127
Tehama	Uncultivated ag	Glufosinate-ammonium	2,851	318	2,333
Tehama	Uncultivated ag	Glyphosate, isopropylamine salt	2,448	128	1,253
Tehama	Uncultivated ag	Ammonium sulfate	1,547	447	3,688
Tehama	Soil fumigation/preplant	1,3-dichloropropene	45,306	5	139
Tehama	Soil fumigation/preplant	Methyl bromide	21,035	8	91
Tehama	Soil fumigation/preplant	Chloropicrin	15,758	8	91
Tehama	Soil fumigation/preplant	Potassium phosphite	3	1	1
Tehama	Soil fumigation/preplant	Thiram	3	1	1
Tehama	Rights of way	Glyphosate, isopropylamine salt	26,277	5	85
Tehama	Rights of way	Borax	16,113	<0.01	<0.01
Tehama	Rights of way	Oleic acid, methyl ester*	3,837	<0.01	<0.01
Tehama	Rights of way	Metam-sodium	3,372	<0.01	<0.01
Tehama	Rights of way	Copper hydroxide	1,148	<0.01	<0.01
Trinity	Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	8,997	70	2,722
Trinity	Forest, timberland	Glyphosate, dimethylamine salt	7,410	93	3,809
Trinity	Forest, timberland	Methylated soybean oil*	5,090	136	5,342
Trinity	Forest, timberland	Glyphosate, isopropylamine salt	1,208	34	1,147
Trinity	Forest, timberland	Imazapyr, isopropylamine salt	1,170	61	2,270
Trinity	Rights of way	Methylated soybean oil*	2,745	<0.01	<0.01
Trinity	Rights of way	Glyphosate, dimethylamine salt	2,207	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Trinity	Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	488	<0.01	<0.01
Trinity	Rights of way	Glyphosate, isopropylamine salt	94	<0.01	<0.01
Trinity	Rights of way	Oxyfluorfen	53	<0.01	<0.01
Trinity	N-outdr transplants	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	51	1	8
Trinity	N-outdr transplants	Glyphosate, dimethylamine salt	38	1	8
Trinity	N-outdr transplants	Methylated soybean oil*	6	1	8
Trinity	Unknown	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids*	21	1	26
Trinity	Unknown	Methylated soybean oil*	15	1	3
Trinity	Unknown	Glyphosate, dimethylamine salt	12	1	3
Trinity	Unknown	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	3	1	3
Trinity	Landscape maintenance	Glyphosate, isopropylamine salt	8	<0.01	<0.01
Trinity	Landscape maintenance	Oleic acid, ethyl ester*	4	<0.01	<0.01
Trinity	Landscape maintenance	Polyethylene glycol stearate*	1	<0.01	<0.01
Trinity	Landscape maintenance	Triclopyr, triethylamine salt	1	<0.01	<0.01
Trinity	Landscape maintenance	Sulfometuron-methyl	1	<0.01	<0.01
Tulare	Orange	Mineral oil	2,593,277	11,413	204,966
Tulare	Orange	Calcium hydroxide	1,735,368	4,012	73,970
Tulare	Orange	Copper sulfate (basic)	266,134	3,201	58,143
Tulare	Orange	Kaolin	126,293	130	2,522
Tulare	Orange	Copper hydroxide	53,134	881	15,920
Tulare	Grape	Sulfur	1,553,428	6,006	268,478
Tulare	Grape	Lime-sulfur	145,747	276	12,079
Tulare	Grape	Mineral oil	97,288	557	18,132
Tulare	Grape	Copper oxychloride	78,324	797	35,422
Tulare	Grape	Sulfur dioxide	58,317	<0.01	7
Tulare	Almond	Mineral oil	1,437,491	2,271	132,070
Tulare	Almond	Glyphosate, isopropylamine salt	86,095	1,060	47,994
Tulare	Almond	Glyphosate, potassium salt	74,504	933	36,806
Tulare	Almond	Methylated soybean oil*	41,426	1,420	80,525
Tulare	Almond	Pendimethalin	40,897	399	13,996

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Tulare	Tangerine	Mineral oil	794,916	3,474	76,596
Tulare	Tangerine	Kaolin	405,115	458	8,858
Tulare	Tangerine	Calcium hydroxide	314,031	934	20,720
Tulare	Tangerine	Copper sulfate (basic)	66,924	667	15,793
Tulare	Tangerine	Glyphosate, potassium salt	22,702	766	15,671
Tulare	Pistachio	Sulfur	147,243	343	29,534
Tulare	Pistachio	Mineral oil	78,557	641	27,322
Tulare	Pistachio	Glyphosate, potassium salt	62,258	758	34,858
Tulare	Pistachio	Glyphosate, isopropylamine salt	53,379	780	32,369
Tulare	Pistachio	Methylated soybean oil*	49,205	1,083	57,678
Tuolumne	Forest, timberland	Glyphosate, dimethylamine salt	7,679	105	1,695
Tuolumne	Forest, timberland	Glyphosate, isopropylamine salt	5,463	27	1,120
Tuolumne	Forest, timberland	Methylated soybean oil*	3,306	121	1,930
Tuolumne	Forest, timberland	Borax	698	18	698
Tuolumne	Forest, timberland	Ammonium sulfate	676	105	1,695
Tuolumne	Rights of way	Glyphosate, isopropylamine salt	2,983	13	9
Tuolumne	Rights of way	Methylated soybean oil*	2,226	<0.01	<0.01
Tuolumne	Rights of way	Glyphosate, dimethylamine salt	1,536	<0.01	<0.01
Tuolumne	Rights of way	Pendimethalin	1,115	<0.01	<0.01
Tuolumne	Rights of way	Borax	1,042	<0.01	<0.01
Tuolumne	Landscape maintenance	Glyphosate, isopropylamine salt	2,802	<0.01	<0.01
Tuolumne	Landscape maintenance	Methylated soybean oil*	2,129	<0.01	<0.01
Tuolumne	Landscape maintenance	Glyphosate, potassium salt	531	<0.01	<0.01
Tuolumne	Landscape maintenance	Triclopyr, triethylamine salt	517	<0.01	<0.01
Tuolumne	Landscape maintenance	Diuron	411	<0.01	<0.01
Tuolumne	Structural pest control	Bifenthrin	351	<0.01	<0.01
Tuolumne	Structural pest control	Permethrin	194	<0.01	<0.01
Tuolumne	Structural pest control	Imidacloprid	80	<0.01	<0.01
Tuolumne	Structural pest control	Cyfluthrin	54	<0.01	<0.01
Tuolumne	Structural pest control	Sulfuryl fluoride	51	<0.01	<0.01
Tuolumne	Water area	Copper triethanolamine complex	110	<0.01	19
Tuolumne	Water area	Copper ethylenediamine complex	97	<0.01	19
Tuolumne	Water area	Copper ethanolamine complexes, mixed	54	<0.01	18
Tuolumne	Water area	Copper sulfate (pentahydrate)	40	<0.01	11

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Tuolumne	Water area	Imazamox, ammonium salt	1	<0.01	2
Ventura	Strawberry	Chloropicrin	1,844,516	290	10,350
Ventura	Strawberry	Potassium n-methyldithiocarbamate	803,744	79	3,055
Ventura	Strawberry	1,3-dichloropropene	294,341	64	2,152
Ventura	Strawberry	Metam-sodium	118,496	11	512
Ventura	Strawberry	Captan	112,870	1,665	69,132
Ventura	Lemon	Mineral oil	1,034,624	1,854	32,970
Ventura	Lemon	Sodium hypochlorite	44,208	<0.01	<0.01
Ventura	Lemon	Glyphosate, potassium salt	34,226	1,219	17,897
Ventura	Lemon	Glyphosate, isopropylamine salt	16,282	1,110	13,027
Ventura	Lemon	Glufosinate-ammonium	12,615	1,398	20,756
Ventura	Avocado	Mineral oil	191,237	670	12,280
Ventura	Avocado	Glyphosate, potassium salt	16,179	1,301	10,979
Ventura	Avocado	Glyphosate, isopropylamine salt	13,738	1,496	9,142
Ventura	Avocado	Potassium phosphite	6,059	77	1,786
Ventura	Avocado	Oleic acid, methyl ester*	4,141	134	1,736
Ventura	Pepper, fruiting	Potassium n-methyldithiocarbamate	104,208	26	593
Ventura	Pepper, fruiting	Cryolite	28,350	165	3,156
Ventura	Pepper, fruiting	1,3-dichloropropene	16,543	6	162
Ventura	Pepper, fruiting	Kaolin	9,551	9	206
Ventura	Pepper, fruiting	Chloropicrin	9,061	6	162
Ventura	Blackberry	Mineral oil	72,039	863	9,823
Ventura	Blackberry	Lime-sulfur	24,676	152	1,540
Ventura	Blackberry	Burkholderia rinojensis strain a396	8,342	141	1,924
Ventura	Blackberry	Kaolin	7,615	9	212
Ventura	Blackberry	Margosa oil	4,201	58	875
Yolo	Grape, wine	Sulfur	1,650,373	3,169	137,668
Yolo	Grape, wine	Kaolin	30,105	35	1,445
Yolo	Grape, wine	Mineral oil	23,493	521	10,124
Yolo	Grape, wine	1,3-dichloropropene	14,842	1	45
Yolo	Grape, wine	Glyphosate, isopropylamine salt	13,595	427	7,587
Yolo	Tomato, processing	Sulfur	323,205	229	15,829
Yolo	Tomato, processing	Kaolin	38,042	13	1,218
Yolo	Tomato, processing	S-metolachlor	26,670	271	15,578
Yolo	Tomato, processing	Chlorothalonil	20,183	158	11,297
Yolo	Tomato, processing	Trifluralin	12,206	285	17,870
Yolo	Almond	Mineral oil	54,952	180	17,017
Yolo	Almond	Sulfuryl fluoride	31,096	<0.01	<0.01
Yolo	Almond	Propylene oxide	29,315	<0.01	<0.01
Yolo	Almond	Glyphosate, potassium salt	27,524	266	14,064

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Yolo	Almond	Glyphosate, isopropylamine salt	22,533	287	14,322
Yolo	Walnut	Propylene oxide	26,253	<0.01	<0.01
Yolo	Walnut	Sulfuryl fluoride	18,469	<0.01	<0.01
Yolo	Walnut	Kaolin	16,886	11	324
Yolo	Walnut	1,3-dichloropropene	13,127	1	40
Yolo	Walnut	Glyphosate, isopropylamine salt	8,989	141	4,337
Yolo	Rice	Sodium carbonate peroxyhydrate	42,910	15	2,127
Yolo	Rice	Copper sulfate (pentahydrate)	33,070	19	2,472
Yolo	Rice	Propanil	29,422	76	6,775
Yolo	Rice	Thiobencarb	8,204	33	2,676
Yolo	Rice	Mineral oil	7,667	56	4,019
Yuba	Rice	Propanil	155,299	579	34,487
Yuba	Rice	Sodium carbonate peroxyhydrate	67,439	54	3,656
Yuba	Rice	Copper sulfate (pentahydrate)	53,279	84	3,823
Yuba	Rice	Mineral oil	46,651	386	22,890
Yuba	Rice	Thiobencarb	31,275	95	10,156
Yuba	Walnut	Copper hydroxide	71,083	384	16,149
Yuba	Walnut	Mancozeb	29,875	388	16,695
Yuba	Walnut	Glyphosate, potassium salt	18,560	239	9,763
Yuba	Walnut	Kaolin	17,896	35	488
Yuba	Walnut	Glyphosate, isopropylamine salt	12,863	284	8,441
Yuba	Prune	Mineral oil	56,008	107	4,314
Yuba	Prune	Chlorothalonil	9,335	66	3,466
Yuba	Prune	Sulfur	5,832	8	736
Yuba	Prune	Glyphosate, isopropylamine salt	2,920	112	1,901
Yuba	Prune	Glyphosate, potassium salt	2,713	40	1,261
Yuba	Peach	Mineral oil	33,288	155	2,066
Yuba	Peach	Copper sulfate (basic)	7,627	40	564
Yuba	Peach	Ziram	6,828	109	1,454
Yuba	Peach	Sulfur	5,887	20	537
Yuba	Peach	Copper hydroxide	5,314	52	708
Yuba	Soil fumigation/preplant	1,3-dichloropropene	59,484	15	176
Yuba	Soil fumigation/preplant	Chloropicrin	3,447	1	58