

# The Top Five Chemicals by Pounds Applied in each County in 2021 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	67,974	<0.01	<0.01
Alameda	sulfuryl fluoride	Fumigation, other	103	<0.01	<0.01
Alameda	sulfuryl fluoride	Jojoba bean	3	<0.01	<0.01
Alameda	mineral oil	Grape, wine	13,288	801	3,879
Alameda	mineral oil	Public health	3,509	<0.01	<0.01
Alameda	mineral oil	Landscape maintenance	1,157	<0.01	<0.01
Alameda	mineral oil	Cannabis (all or unspecified)	483	799	27
Alameda	mineral oil	N-outdr plants in containers	452	14	14
Alameda	glyphosate, isopropylamine salt	Landscape maintenance	6,536	<0.01	<0.01
Alameda	glyphosate, isopropylamine salt	Rights of way	6,107	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Alameda	glyphosate, isopropylamine salt	Grape, wine	2,417	270	1,010
Alameda	glyphosate, isopropylamine salt	Almond	1,003	4	546
Alameda	glyphosate, isopropylamine salt	Industrial site	196	<0.01	260
Alameda	sulfur	Grape, wine	14,800	466	5,489
Alameda	sulfur	Cannabis (all or unspecified)	28	88	2
Alameda	sulfur	Landscape maintenance	14	<0.01	<0.01
Alameda	sulfur	Regulatory pest control	6	<0.01	<0.01
Alameda	sulfur	Structural pest control	1	<0.01	<0.01
Alameda	disodium octaborate tetrahydrate	Structural pest control	9,238	<0.01	<0.01
Alameda	disodium octaborate tetrahydrate	Regulatory pest control	12	<0.01	<0.01
Alameda	disodium octaborate tetrahydrate	Landscape maintenance	0	<0.01	<0.01
Alpine	mineral oil	Structural pest control	207	<0.01	<0.01
Alpine	ammonium sulfate	Alfalfa	124	1	70
Alpine	fatty acids, methyl esters	Alfalfa	80	1	70
Alpine	glyphosate, potassium salt	Rangeland	61	2	21
Alpine	glyphosate, potassium salt	Uncultivated non-ag	8	<0.01	2
Alpine	corn syrup*	Alfalfa	44	1	70
Amador	sulfur	Grape, wine	64,358	698	9,256
Amador	mineral oil	Grape, wine	8,499	267	3,090
Amador	mineral oil	Rights of way	73	<0.01	<0.01
Amador	mineral oil	Landscape maintenance	54	<0.01	<0.01
Amador	mineral oil	Walnut	25	2	19
Amador	mineral oil	Wheat (forage - fodder)	6	3	123
Amador	glyphosate, isopropylamine salt	Forest, timberland	3,919	7	893
Amador	glyphosate, isopropylamine salt	Rights of way	1,848	<0.01	<0.01
Amador	glyphosate, isopropylamine salt	Grape, wine	998	137	743
Amador	glyphosate, isopropylamine salt	Landscape maintenance	663	1	2

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Amador	glyphosate, isopropylamine salt	Alfalfa	213	4	170
Amador	methylated soybean oil*	Forest, timberland	3,022	54	852
Amador	methylated soybean oil*	Rights of way	328	1	5
Amador	methylated soybean oil*	Landscape maintenance	323	<0.01	<0.01
Amador	methylated soybean oil*	Grape, wine	67	13	132
Amador	methylated soybean oil*	Walnut	33	3	41
Amador	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Forest, timberland	1,688	54	1,660
Amador	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Grape, wine	525	86	983
Amador	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rights of way	188	<0.01	<0.01
Amador	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Wheat (forage - fodder)	185	9	606
Amador	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Landscape maintenance	94	1	2
Butte	propanil	Rice	420,307	1,174	94,356
Butte	copper sulfate (pentahydrate)	Rice	288,983	285	21,126
Butte	copper sulfate (pentahydrate)	Rice, wild	1,010	3	72
Butte	copper sulfate (pentahydrate)	Landscape maintenance	396	<0.01	<0.01
Butte	copper sulfate (pentahydrate)	Orange	341	2	43
Butte	copper sulfate (pentahydrate)	Walnut	272	3	465
Butte	copper hydroxide	Walnut	202,164	1,189	51,403
Butte	copper hydroxide	Peach	4,989	50	651
Butte	copper hydroxide	Prune	3,416	18	1,300
Butte	copper hydroxide	Almond	2,932	55	2,239
Butte	copper hydroxide	Olive	2,395	23	990
Butte	mineral oil	Rice	116,238	979	76,758
Butte	mineral oil	Prune	37,205	82	3,504

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Butte	mineral oil	Peach	16,970	74	907
Butte	mineral oil	Almond	13,059	139	3,656
Butte	mineral oil	Walnut	8,203	175	4,998
Butte	1,3-dichloropropene	Uncultivated ag	125,290	6	383
Butte	1,3-dichloropropene	Walnut	35,372	19	136
Butte	1,3-dichloropropene	Peach	13,852	4	42
Butte	1,3-dichloropropene	Prune	1,418	1	4
Calaveras	methylated soybean oil*	Forest, timberland	10,180	226	3,181
Calaveras	methylated soybean oil*	Rights of way	1,113	1	20
Calaveras	methylated soybean oil*	Landscape maintenance	902	<0.01	<0.01
Calaveras	methylated soybean oil*	Rangeland	46	5	540
Calaveras	methylated soybean oil*	Walnut	35	2	52
Calaveras	glyphosate, isopropylamine salt	Forest, timberland	4,943	76	1,097
Calaveras	glyphosate, isopropylamine salt	Rights of way	1,958	1	1
Calaveras	glyphosate, isopropylamine salt	Landscape maintenance	1,610	1	1
Calaveras	glyphosate, isopropylamine salt	Walnut	365	17	242
Calaveras	glyphosate, isopropylamine salt	Grape, wine	198	15	98
Calaveras	sulfur	Grape, wine	8,138	138	1,659
Calaveras	glyphosate, dimethylamine salt	Forest, timberland	4,803	128	1,528
Calaveras	glyphosate, dimethylamine salt	Rights of way	416	<0.01	<0.01
Calaveras	glyphosate, potassium salt	Landscape maintenance	1,902	<0.01	<0.01
Calaveras	glyphosate, potassium salt	Rights of way	561	<0.01	<0.01
Calaveras	glyphosate, potassium salt	Grape, wine	279	37	117
Calaveras	glyphosate, potassium salt	Forest, timberland	254	5	136
Calaveras	glyphosate, potassium salt	Uncultivated non-ag	44	<0.01	11
Colusa	propanil	Rice	488,584	1,412	103,373
Colusa	glyphosate, potassium salt	Almond	101,098	828	42,934
Colusa	glyphosate, potassium salt	Uncultivated ag	40,796	218	14,342

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Colusa	glyphosate, potassium salt	Walnut	31,751	272	11,987
Colusa	glyphosate, potassium salt	Tomato, processing	14,794	89	6,920
Colusa	glyphosate, potassium salt	Rights of way	6,996	32	1,139
Colusa	sulfur	Tomato, processing	82,547	93	6,749
Colusa	sulfur	Grape, wine	41,208	80	5,105
Colusa	sulfur	Almond	16,419	30	1,273
Colusa	sulfur	Tomato	2,872	4	180
Colusa	sulfur	Squash	325	2	41
Colusa	thiobencarb	Rice	109,524	394	32,109
Colusa	mineral oil	Rice	41,768	325	24,663
Colusa	mineral oil	Almond	37,544	183	6,885
Colusa	mineral oil	Walnut	3,872	52	2,538
Colusa	mineral oil	Prune	2,578	6	270
Colusa	mineral oil	Uncultivated ag	2,234	42	2,832
Contra Costa	sulfur	Grape, wine	43,462	297	3,113
Contra Costa	sulfur	Tomato, processing	24,610	61	2,616
Contra Costa	sulfur	Tomato	8,771	15	443
Contra Costa	sulfur	Peach	1,122	31	198
Contra Costa	sulfur	Nectarine	453	19	79
Contra Costa	mineral oil	Public health	15,180	<0.01	<0.01
Contra Costa	mineral oil	Landscape maintenance	3,844	<0.01	<0.01
Contra Costa	mineral oil	Rights of way	3,229	<0.01	<0.01
Contra Costa	mineral oil	Corn, human consumption	2,931	60	1,047
Contra Costa	mineral oil	Cherry	2,789	24	254
Contra Costa	endothall, dipotassium salt	Water area	27,330	<0.01	1,707
Contra Costa	glyphosate, isopropylamine salt	Rights of way	7,373	<0.01	<0.01
Contra Costa	glyphosate, isopropylamine salt	Landscape maintenance	6,817	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Contra Costa	glyphosate, isopropylamine salt	Water area	1,619	<0.01	178
Contra Costa	glyphosate, isopropylamine salt	Uncultivated non-ag	1,606	9	609
Contra Costa	glyphosate, isopropylamine salt	Alfalfa	1,235	13	823
Contra Costa	copper sulfate (pentahydrate)	Water area	16,176	<0.01	1,701
Contra Costa	copper sulfate (pentahydrate)	Olive	5,148	2	260
Contra Costa	copper sulfate (pentahydrate)	Landscape maintenance	762	<0.01	<0.01
Del Norte	1,3-dichloropropene	Soil fumigation/preplant	141,601	59	511
Del Norte	metam-sodium	Soil fumigation/preplant	52,256	30	162
Del Norte	metam-sodium	N-outdr flower	9,682	6	30
Del Norte	copper hydroxide	N-outdr flower	7,854	574	4,798
Del Norte	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	Forest, timberland	2,830	33	900
Del Norte	chlorothalonil	N-outdr flower	2,080	265	2,499
El Dorado	methylated soybean oil*	Forest, timberland	39,903	649	7,669
El Dorado	methylated soybean oil*	Rights of way	3,288	<0.01	<0.01
El Dorado	methylated soybean oil*	Landscape maintenance	397	<0.01	<0.01
El Dorado	methylated soybean oil*	Pear	159	1	25
El Dorado	methylated soybean oil*	Peach	76	1	12
El Dorado	mineral oil	Grape, wine	20,986	377	3,589
El Dorado	mineral oil	Apple	9,701	111	600
El Dorado	mineral oil	Pear	2,558	9	62
El Dorado	mineral oil	Peach	901	25	46
El Dorado	mineral oil	Landscape maintenance	598	<0.01	<0.01
El Dorado	glyphosate, isopropylamine salt	Forest, timberland	15,204	182	2,102
El Dorado	glyphosate, isopropylamine salt	Landscape maintenance	11,163	<0.01	<0.01
El Dorado	glyphosate, isopropylamine salt	Rights of way	5,728	3	27
El Dorado	glyphosate, isopropylamine salt	Grape, wine	1,357	129	578
El Dorado	glyphosate, isopropylamine salt	Apple	239	18	136

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
El Dorado	glyphosate, dimethylamine salt	Forest, timberland	24,049	359	4,566
El Dorado	glyphosate, dimethylamine salt	Rights of way	1,309	<0.01	<0.01
El Dorado	sulfur	Grape, wine	18,329	588	5,066
El Dorado	sulfur	Peach	60	10	8
El Dorado	sulfur	Nectarine	52	7	7
El Dorado	sulfur	N-grnhs plants in containers	24	1	6
El Dorado	sulfur	Landscape maintenance	0	<0.01	<0.01
Fresno	sulfur	Grape	2,834,224	13,150	431,386
Fresno	sulfur	Tomato, processing	2,537,340	851	105,375
Fresno	sulfur	Grape, wine	1,571,132	2,555	209,822
Fresno	sulfur	Pistachio	289,488	524	76,350
Fresno	sulfur	Almond	142,370	183	17,269
Fresno	mineral oil	Almond	4,737,819	6,710	392,113
Fresno	mineral oil	Peach	651,324	2,546	56,276
Fresno	mineral oil	Orange	618,365	1,932	42,190
Fresno	mineral oil	Pistachio	343,945	1,071	86,836
Fresno	mineral oil	Nectarine	332,770	1,463	24,039
Fresno	potassium n-methyldithiocarbamate	Tomato, processing	1,131,466	160	5,649
Fresno	potassium n-methyldithiocarbamate	Onion, dry	228,269	11	1,078
Fresno	potassium n-methyldithiocarbamate	Melon	88,964	32	291
Fresno	potassium n-methyldithiocarbamate	Carrot	86,554	4	296
Fresno	potassium n-methyldithiocarbamate	Cantaloupe	83,780	21	1,019
Fresno	1,3-dichloropropene	Almond	692,333	110	2,148

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Fresno	1,3-dichloropropene	Grape, wine	227,168	22	697
Fresno	1,3-dichloropropene	Peach	101,846	42	314
Fresno	1,3-dichloropropene	Grape	92,508	16	281
Fresno	1,3-dichloropropene	Plum	70,488	26	233
Fresno	glyphosate, potassium salt	Almond	327,789	3,587	153,104
Fresno	glyphosate, potassium salt	Pistachio	201,381	1,487	81,587
Fresno	glyphosate, potassium salt	Cotton	72,066	612	41,572
Fresno	glyphosate, potassium salt	Tomato, processing	56,303	148	15,824
Fresno	glyphosate, potassium salt	Corn (forage - fodder)	31,562	301	17,032
Glenn	propanil	Rice	329,521	1,272	72,048
Glenn	copper sulfate (pentahydrate)	Rice	114,340	146	8,511
Glenn	copper sulfate (pentahydrate)	Rights of way	14,801	<0.01	<0.01
Glenn	copper sulfate (pentahydrate)	Olive	6,336	2	320
Glenn	copper sulfate (pentahydrate)	Almond	425	31	834
Glenn	copper sulfate (pentahydrate)	Walnut	58	7	226
Glenn	glyphosate, potassium salt	Almond	80,986	555	32,697
Glenn	glyphosate, potassium salt	Walnut	27,586	297	11,190
Glenn	glyphosate, potassium salt	Uncultivated ag	7,662	59	3,756
Glenn	glyphosate, potassium salt	Olive	2,339	54	976
Glenn	glyphosate, potassium salt	Pistachio	2,126	28	958
Glenn	copper hydroxide	Walnut	79,914	641	20,764
Glenn	copper hydroxide	Olive	33,909	243	10,880
Glenn	copper hydroxide	Prune	1,369	3	495
Glenn	copper hydroxide	Almond	892	5	291
Glenn	copper hydroxide	Pastureland	658	6	271
Glenn	methylated soybean oil*	Rice	47,439	1,158	61,134
Glenn	methylated soybean oil*	Almond	22,501	812	36,099
Glenn	methylated soybean oil*	Walnut	9,395	494	15,872



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Glenn	methylated soybean oil*	Olive	6,137	83	2,695
Glenn	methylated soybean oil*	Alfalfa	3,667	120	5,721
Humboldt	sodium bromide	Water (industrial)	50,063	<0.01	2
Humboldt	sodium hypochlorite	Water (industrial)	34,496	<0.01	2
Humboldt	methylated soybean oil*	Forest, timberland	12,031	319	6,997
Humboldt	methylated soybean oil*	Rights of way	505	<0.01	<0.01
Humboldt	methylated soybean oil*	Landscape maintenance	0	<0.01	<0.01
Humboldt	borax	Rights of way	5,280	<0.01	<0.01
Humboldt	borax	Structural pest control	1	<0.01	<0.01
Humboldt	imazapyr, isopropylamine salt	Forest, timberland	4,134	358	6,859
Humboldt	imazapyr, isopropylamine salt	Rights of way	65	<0.01	<0.01
Humboldt	imazapyr, isopropylamine salt	Uncultivated non-ag	5	1	23
Humboldt	imazapyr, isopropylamine salt	Uncultivated ag	0	2	1
Imperial	sulfur	Bermudagrass	559,436	261	21,043
Imperial	sulfur	Sugarbeet	472,735	332	23,056
Imperial	sulfur	Alfalfa	141,620	119	10,488
Imperial	sulfur	Carrot	140,588	203	8,510
Imperial	sulfur	Grass, seed	20,668	11	703
Imperial	mineral oil	Lemon	180,663	324	12,983
Imperial	mineral oil	Alfalfa	154,329	2,191	139,333
Imperial	mineral oil	Grapefruit	54,201	77	3,152
Imperial	mineral oil	Corn, human consumption	40,876	636	36,021
Imperial	mineral oil	Orange	30,591	17	1,172
Imperial	1,3-dichloropropene	Carrot	378,521	71	4,084
Imperial	pendimethalin	Alfalfa	300,217	2,055	138,551
Imperial	pendimethalin	Onion, dry	17,541	343	23,121
Imperial	pendimethalin	Corn, human consumption	9,704	147	7,687

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Imperial	pendimethalin	Carrot	6,249	131	7,032
Imperial	pendimethalin	Wheat	625	5	452
Imperial	glyphosate, isopropylamine salt	Rights of way	170,474	<0.01	<0.01
Imperial	glyphosate, isopropylamine salt	Uncultivated ag	39,333	318	15,784
Imperial	glyphosate, isopropylamine salt	Sugarbeet	20,670	225	16,004
Imperial	glyphosate, isopropylamine salt	Alfalfa	3,230	57	1,588
Imperial	glyphosate, isopropylamine salt	Bermudagrass	2,341	14	1,138
Inyo	methylated soybean oil*	Rights of way	6,467	<0.01	<0.01
Inyo	methylated soybean oil*	Alfalfa	88	2	120
Inyo	methylated soybean oil*	Forage hay/silage	3	1	30
Inyo	glyphosate, isopropylamine salt	Rights of way	1,477	<0.01	<0.01
Inyo	glyphosate, isopropylamine salt	Alfalfa	860	8	430
Inyo	glyphosate, isopropylamine salt	Landscape maintenance	30	<0.01	<0.01
Inyo	glyphosate, isopropylamine salt	Pastureland	8	2	4
Inyo	glyphosate, isopropylamine salt	Structural pest control	2	<0.01	<0.01
Inyo	triclopyr, butoxyethyl ester	Rights of way	2,197	<0.01	<0.01
Inyo	triclopyr, butoxyethyl ester	Pastureland	22	4	8
Inyo	alpha-undecyl-omega-hydroxypoly(oxyethylene)*	Rights of way	1,515	<0.01	<0.01
Inyo	tall oil fatty acids*	Rights of way	1,386	<0.01	<0.01
Inyo	tall oil fatty acids*	Alfalfa	24	10	371
Inyo	tall oil fatty acids*	Forage hay/silage	1	1	30
Kern	mineral oil	Almond	3,912,726	4,441	291,942
Kern	mineral oil	Orange	1,747,673	2,699	105,970
Kern	mineral oil	Tangerine	847,776	1,061	54,761
Kern	mineral oil	Pistachio	265,662	571	28,806
Kern	mineral oil	Lemon	257,913	415	15,397
Kern	sulfur	Grape	2,395,330	9,237	463,166

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kern	sulfur	Grape, wine	684,872	982	109,170
Kern	sulfur	Pistachio	665,373	775	82,810
Kern	sulfur	Carrot	157,308	509	32,889
Kern	sulfur	Pomegranate	102,162	118	14,020
Kern	potassium n-methyldithiocarbamate	Carrot	1,409,897	64	4,872
Kern	potassium n-methyldithiocarbamate	Potato	195,978	13	928
Kern	potassium n-methyldithiocarbamate	Tomato, processing	50,945	13	865
Kern	potassium n-methyldithiocarbamate	Onion, dry	47,760	6	328
Kern	potassium n-methyldithiocarbamate	Watermelon	40,060	11	480
Kern	metam-sodium	Carrot	1,020,653	80	5,151
Kern	metam-sodium	Potato	481,294	26	2,349
Kern	metam-sodium	Pepper, fruiting	43,060	10	279
Kern	metam-sodium	Rights of way	4,519	<0.01	<0.01
Kern	metam-sodium	N-outdr plants in containers	256	1	1
Kern	1,3-dichloropropene	Almond	311,030	45	950
Kern	1,3-dichloropropene	Grape	238,277	21	970
Kern	1,3-dichloropropene	Tangerine	214,627	17	648
Kern	1,3-dichloropropene	N-outdr plants in containers	138,150	13	419
Kern	1,3-dichloropropene	Potato	68,552	16	871
Kings	sulfur	Tomato, processing	1,513,667	417	61,333
Kings	sulfur	Grape	261,280	524	29,398
Kings	sulfur	Pistachio	135,186	194	17,280

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kings	sulfur	Grape, wine	42,529	157	8,204
Kings	sulfur	Pomegranate	41,597	59	5,610
Kings	mineral oil	Almond	631,435	1,063	52,343
Kings	mineral oil	Peach	136,243	468	7,238
Kings	mineral oil	Plum	79,852	247	4,029
Kings	mineral oil	Nectarine	64,739	202	3,164
Kings	mineral oil	Pistachio	44,711	327	11,987
Kings	potassium n-methyldithiocarbamate	Soil fumigation/preplant	339,285	34	2,793
Kings	glyphosate, potassium salt	Cotton	92,493	405	64,101
Kings	glyphosate, potassium salt	Rights of way	58,152	8	1,290
Kings	glyphosate, potassium salt	Almond	46,354	493	25,096
Kings	glyphosate, potassium salt	Pistachio	39,670	598	19,346
Kings	glyphosate, potassium salt	Corn (forage - fodder)	27,952	388	19,084
Kings	vegetable oil*	Cotton	160,622	546	112,228
Kings	vegetable oil*	Safflower	108,513	229	62,515
Kings	vegetable oil*	Alfalfa	5,677	44	4,372
Kings	vegetable oil*	Rights of way	4,285	<0.01	<0.01
Kings	vegetable oil*	Pistachio	3,896	14	462
Lake	sulfur	Grape, wine	225,371	954	31,532
Lake	sulfur	Pear	18,700	73	1,509
Lake	sulfur	Cannabis (all or unspecified)	30	7	8
Lake	mineral oil	Pear	148,694	271	5,412
Lake	mineral oil	Grape, wine	43,098	274	11,364
Lake	mineral oil	Landscape maintenance	64	<0.01	<0.01
Lake	mineral oil	Cannabis (all or unspecified)	17	2	3
Lake	glyphosate, isopropylamine salt	Landscape maintenance	9,857	5	78

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Lake	glyphosate, isopropylamine salt	Grape, wine	3,423	144	1,653
Lake	glyphosate, isopropylamine salt	Pear	1,048	58	766
Lake	glyphosate, isopropylamine salt	Rights of way	563	4	50
Lake	glyphosate, isopropylamine salt	Walnut	257	25	226
Lake	kaolin	Grape, wine	11,907	28	619
Lake	kaolin	Cannabis (all or unspecified)	12	5	0
Lake	lime-sulfur	Pear	8,484	24	384
Lake	lime-sulfur	Grape, wine	3,033	8	99
Lake	lime-sulfur	Peach	5	1	1
Lassen	methyl bromide	Strawberry	36,833	4	178
Lassen	methyl bromide	Uncultivated ag	7,182	1	36
Lassen	methyl bromide	Soil fumigation/preplant	5,002	1	20
Lassen	chloropicrin	Strawberry	27,593	4	178
Lassen	chloropicrin	Uncultivated ag	5,380	1	36
Lassen	chloropicrin	Soil fumigation/preplant	2,449	1	20
Lassen	hexazinone	Forest, timberland	18,558	74	7,351
Lassen	hexazinone	Alfalfa	190	13	805
Lassen	methylated soybean oil*	Forest, timberland	10,474	138	7,202
Lassen	methylated soybean oil*	Rights of way	6,499	<0.01	<0.01
Lassen	methylated soybean oil*	Alfalfa	164	15	1,598
Lassen	methylated soybean oil*	Landscape maintenance	97	<0.01	<0.01
Lassen	methylated soybean oil*	Pastureland	11	4	72
Lassen	sulfur	Strawberry	11,678	72	3,090
Lassen	sulfur	Timothy	51	1	32
Lassen	sulfur	Alfalfa	43	1	27
Los Angeles	sulfuryl fluoride	Structural pest control	705,572	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Fumigation, other	21,928	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Los Angeles	sulfuryl fluoride	Pistachio	386	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Regulatory pest control	1	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Commodity fumigation	0	<0.01	<0.01
Los Angeles	potassium n-methyldithiocarbamate	Carrot	405,853	15	1,199
Los Angeles	boric acid	Structural pest control	164,375	<0.01	<0.01
Los Angeles	boric acid	Regulatory pest control	1,271	<0.01	<0.01
Los Angeles	boric acid	Rights of way	123	<0.01	<0.01
Los Angeles	boric acid	Landscape maintenance	33	<0.01	<0.01
Los Angeles	sodium bromide	Water (industrial)	102,853	<0.01	<0.01
Los Angeles	sodium bromide	Industrial processing water	9,633	<0.01	<0.01
Los Angeles	sodium hypochlorite	Water (industrial)	102,493	<0.01	<0.01
Los Angeles	sodium hypochlorite	Onion, dry	4,186	52	1,607
Los Angeles	sodium hypochlorite	Water systems - human potable/drinking	26	<0.01	<0.01
Madera	sulfur	Grape, wine	1,521,402	2,551	178,712
Madera	sulfur	Grape	1,087,198	2,476	131,550
Madera	sulfur	Tomato	104,712	51	3,432
Madera	sulfur	Pistachio	57,275	114	14,136
Madera	sulfur	Tomato, processing	52,935	17	2,180
Madera	mineral oil	Almond	2,379,371	3,938	266,398
Madera	mineral oil	Tangerine	109,043	126	8,324
Madera	mineral oil	Pistachio	86,645	476	23,018
Madera	mineral oil	Orange	78,515	400	13,146
Madera	mineral oil	Grape, wine	36,915	270	12,437
Madera	1,3-dichloropropene	Almond	374,852	34	1,142
Madera	1,3-dichloropropene	Grape	117,315	6	357
Madera	1,3-dichloropropene	Grape, wine	18,910	3	57

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Madera	1,3-dichloropropene	Tangerine	14,770	1	45
Madera	1,3-dichloropropene	Cherry	9,070	1	28
Madera	glyphosate, potassium salt	Almond	202,353	2,736	102,419
Madera	glyphosate, potassium salt	Pistachio	78,795	844	35,491
Madera	glyphosate, potassium salt	Grape, wine	33,157	326	15,056
Madera	glyphosate, potassium salt	Grape	9,138	188	4,659
Madera	glyphosate, potassium salt	Fig	6,920	73	2,616
Madera	glyphosate, isopropylamine salt	Almond	133,207	1,901	93,865
Madera	glyphosate, isopropylamine salt	Pistachio	42,738	631	28,852
Madera	glyphosate, isopropylamine salt	Rights of way	32,279	12	110
Madera	glyphosate, isopropylamine salt	Grape	13,737	261	8,370
Madera	glyphosate, isopropylamine salt	Grape, wine	13,193	154	8,820
Marin	potassium phosphite	Landscape maintenance	19,526	<0.01	<0.01
Marin	potassium phosphite	N-grnhs flower	62	<0.01	<0.01
Marin	sulfuryl fluoride	Structural pest control	16,007	<0.01	<0.01
Marin	copper ethanolamine complexes, mixed	Water area	10,714	<0.01	2
Marin	copper ethanolamine complexes, mixed	Water (industrial)	51	<0.01	10
Marin	hydrogen peroxide	Water (industrial)	5,241	<0.01	<0.01
Marin	hydrogen peroxide	Landscape maintenance	25	<0.01	<0.01
Marin	hydrogen peroxide	Structural pest control	6	<0.01	<0.01
Marin	sulfur	Grape, wine	2,878	59	458
Marin	sulfur	Landscape maintenance	<0.01	<0.01	<0.01
Mariposa	glyphosate, isopropylamine salt	Rights of way	872	1	4
Mariposa	glyphosate, isopropylamine salt	Landscape maintenance	861	<0.01	<0.01
Mariposa	glyphosate, isopropylamine salt	Olive	596	12	138
Mariposa	glyphosate, isopropylamine salt	Regulatory pest control	46	<0.01	<0.01
Mariposa	glyphosate, isopropylamine salt	Grape, wine	22	4	24

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Mariposa	methylated soybean oil*	Landscape maintenance	975	<0.01	<0.01
Mariposa	methylated soybean oil*	Rights of way	341	<0.01	<0.01
Mariposa	methylated soybean oil*	Structural pest control	0	<0.01	<0.01
Mariposa	triclopyr, triethylamine salt	Landscape maintenance	420	<0.01	<0.01
Mariposa	triclopyr, triethylamine salt	Rights of way	147	<0.01	<0.01
Mariposa	triclopyr, triethylamine salt	Rangeland	17	2	10
Mariposa	triclopyr, triethylamine salt	Forest, timberland	2	2	10
Mariposa	oxyfluorfen	Rights of way	409	<0.01	<0.01
Mariposa	oxyfluorfen	Olive	69	12	138
Mariposa	oxyfluorfen	Landscape maintenance	7	<0.01	<0.01
Mariposa	oxyfluorfen	Uncultivated ag	4	6	9
Mariposa	copper ethanolamine complexes, mixed	Water area	421	<0.01	105
Mendocino	copper ethanolamine complexes, mixed	Lumber, treated	1,253,280	<0.01	<0.01
Mendocino	sulfur	Grape, wine	379,543	2,091	57,384
Mendocino	sulfur	Pear	7,017	19	806
Mendocino	sulfur	Apple	96	3	16
Mendocino	sulfur	Grape	20	<0.01	4
Mendocino	sulfur	Peach	16	1	2
Mendocino	octhiline	Lumber, treated	140,483	<0.01	<0.01
Mendocino	mineral oil	Pear	84,451	92	3,682
Mendocino	mineral oil	Grape, wine	37,835	332	8,831
Mendocino	mineral oil	Cannabis (all or unspecified)	60	47	4
Mendocino	mineral oil	Turf/sod	58	<0.01	7
Mendocino	mineral oil	Apple	53	3	5
Mendocino	4-nonylphenol, formaldehyde resin, propoxylated*	Grape, wine	56,853	58	2,008



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Merced	sulfur	Tomato, processing	1,015,686	534	35,468
Merced	sulfur	Grape, wine	396,507	434	47,592
Merced	sulfur	Tomato	162,623	102	6,134
Merced	sulfur	Almond	90,006	235	13,999
Merced	sulfur	Peach	31,374	244	4,939
Merced	mineral oil	Almond	1,152,697	2,730	158,400
Merced	mineral oil	Public health	49,387	<0.01	<0.01
Merced	mineral oil	Peach	37,862	119	2,553
Merced	mineral oil	Cherry	12,938	38	1,248
Merced	mineral oil	Prune	11,402	15	1,205
Merced	1,3-dichloropropene	Sweet potato	811,401	326	7,570
Merced	1,3-dichloropropene	Almond	221,428	39	697
Merced	1,3-dichloropropene	Tomato, processing	111,926	15	937
Merced	1,3-dichloropropene	Cantaloupe	33,060	4	372
Merced	1,3-dichloropropene	Peach	6,628	3	20
Merced	potassium n-methyldithiocarbamate	Sweet potato	611,291	137	2,623
Merced	potassium n-methyldithiocarbamate	Onion, green	70,057	3	314
Merced	potassium n-methyldithiocarbamate	Basil, sweet	45,069	4	129
Merced	potassium n-methyldithiocarbamate	Tomato, processing	36,109	5	394
Merced	potassium n-methyldithiocarbamate	N-outdr transplants	22,216	6	80
Merced	glyphosate, potassium salt	Almond	208,359	2,488	114,643
Merced	glyphosate, potassium salt	Corn (forage - fodder)	49,594	782	34,111
Merced	glyphosate, potassium salt	Cotton	47,184	700	31,499
Merced	glyphosate, potassium salt	Grape, wine	39,676	210	10,185

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Merced	glyphosate, potassium salt	Pistachio	33,785	390	17,295
Modoc	metam-sodium	Potato	17,102	3	191
Modoc	methylated soybean oil*	Alfalfa	4,766	371	25,742
Modoc	methylated soybean oil*	Rights of way	3,500	<0.01	<0.01
Modoc	methylated soybean oil*	Forest, timberland	3,352	6	1,459
Modoc	methylated soybean oil*	Potato	1,299	109	6,342
Modoc	methylated soybean oil*	Onion, dry	501	35	2,462
Modoc	paraquat dichloride	Alfalfa	8,996	194	12,701
Modoc	glyphosate, potassium salt	Uncultivated ag	2,177	18	1,084
Modoc	glyphosate, potassium salt	Rights of way	1,774	<0.01	<0.01
Modoc	glyphosate, potassium salt	Alfalfa	1,558	12	903
Modoc	glyphosate, potassium salt	Onion, dry	1,000	13	874
Modoc	glyphosate, potassium salt	Wheat	703	5	358
Modoc	metribuzin	Alfalfa	7,235	224	15,215
Modoc	metribuzin	Potato	875	31	1,822
Modoc	metribuzin	Forage hay/silage	98	2	108
Mono	diuron	Alfalfa	1,788	20	1,211
Mono	diuron	Rights of way	5	<0.01	<0.01
Mono	pendimethalin	Alfalfa	585	3	330
Mono	pendimethalin	Landscape maintenance	9	<0.01	<0.01
Mono	pendimethalin	Garlic	7	2	10
Mono	hexazinone	Alfalfa	546	17	1,021
Mono	paraquat dichloride	Alfalfa	531	17	1,021
Mono	2,4-d, dimethylamine salt	Alfalfa	281	3	246
Mono	2,4-d, dimethylamine salt	Forage hay/silage	162	2	143
Mono	2,4-d, dimethylamine salt	Pastureland	2	1	4
Monterey	chloropicrin	Strawberry	2,056,192	427	8,272
Monterey	chloropicrin	Raspberry	29,979	10	116

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Monterey	chloropicrin	N-outdr flower	638	2	2
Monterey	chloropicrin	Blackberry	347	1	1
Monterey	chloropicrin	Structural pest control	1	<0.01	<0.01
Monterey	mineral oil	Grape, wine	845,217	5,432	155,854
Monterey	mineral oil	Lemon	59,949	44	1,409
Monterey	mineral oil	Public health	18,323	<0.01	<0.01
Monterey	mineral oil	Cannabis (all or unspecified)	12,169	2,162	4,753
Monterey	mineral oil	Lettuce, leaf	8,335	2,305	20,384
Monterey	sulfur	Grape, wine	499,893	4,223	125,491
Monterey	sulfur	Strawberry	180,726	1,321	44,694
Monterey	sulfur	Brussels sprout	37,770	589	7,525
Monterey	sulfur	Carrot	30,020	325	4,273
Monterey	sulfur	Peas	25,601	457	4,756
Monterey	1,3-dichloropropene	Strawberry	649,003	321	7,370
Monterey	1,3-dichloropropene	Brussels sprout	55,565	36	736
Monterey	1,3-dichloropropene	Grape, wine	52,006	7	160
Monterey	1,3-dichloropropene	Carrot	19,316	9	184
Monterey	1,3-dichloropropene	Raspberry	7,534	6	106
Monterey	potassium phosphite	Lettuce, leaf	161,838	4,517	47,583
Monterey	potassium phosphite	Lettuce, head	80,531	2,306	27,556
Monterey	potassium phosphite	Spinach	43,267	1,741	19,521
Monterey	potassium phosphite	Peas	7,896	201	2,543
Monterey	potassium phosphite	Strawberry	4,307	21	1,015
Napa	sulfur	Grape, wine	715,584	8,610	134,014
Napa	sulfur	Landscape maintenance	1	<0.01	<0.01
Napa	sulfur	Olive	1	1	1
Napa	mineral oil	Grape, wine	149,599	2,333	38,576

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Napa	mineral oil	Landscape maintenance	525	<0.01	<0.01
Napa	mineral oil	Public health	314	<0.01	<0.01
Napa	mineral oil	Olive	52	10	7
Napa	mineral oil	Peach	31	3	1
Napa	glyphosate, potassium salt	Grape, wine	21,854	1,455	10,223
Napa	glyphosate, potassium salt	Landscape maintenance	443	<0.01	<0.01
Napa	glyphosate, potassium salt	Uncultivated ag	133	7	58
Napa	glyphosate, potassium salt	Rights of way	89	<0.01	<0.01
Napa	glyphosate, potassium salt	Forest, timberland	44	20	84
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Grape, wine	19,252	6,779	93,893
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Landscape maintenance	3	<0.01	<0.01
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Olive	1	4	0
Napa	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	Stone fruit	0	1	1
Napa	sodium carbonate peroxyhydrate	Water area	17,808	<0.01	132
Napa	sodium carbonate peroxyhydrate	Water (industrial)	640	<0.01	96
Nevada	sulfur	Grape, wine	16,767	71	1,574
Nevada	sulfur	Landscape maintenance	124	<0.01	<0.01
Nevada	sulfur	Grape	5	2	1
Nevada	sulfur	N-grnhs plants in containers	5	<0.01	1
Nevada	sulfur	Cannabis (all or unspecified)	2	3	1

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Nevada	glyphosate, isopropylamine salt	Rights of way	2,816	3	6
Nevada	glyphosate, isopropylamine salt	Landscape maintenance	1,403	<0.01	<0.01
Nevada	glyphosate, isopropylamine salt	Forest, timberland	1,314	14	639
Nevada	glyphosate, isopropylamine salt	Grape, wine	172	5	77
Nevada	glyphosate, isopropylamine salt	Rangeland	10	1	4
Nevada	copper ethanolamine complexes, mixed	Rights of way	4,888	<0.01	<0.01
Nevada	copper ethanolamine complexes, mixed	Landscape maintenance	355	<0.01	<0.01
Nevada	copper ethanolamine complexes, mixed	Water area	46	3	33
Nevada	borax	Rights of way	4,146	<0.01	<0.01
Nevada	borax	Structural pest control	0	<0.01	<0.01
Nevada	glyphosate, dimethylamine salt	Rights of way	2,469	<0.01	<0.01
Nevada	glyphosate, dimethylamine salt	Forest, timberland	589	15	393
Orange	sulfuryl fluoride	Structural pest control	364,374	<0.01	<0.01
Orange	sulfuryl fluoride	Regulatory pest control	7,179	<0.01	<0.01
Orange	sulfuryl fluoride	Landscape maintenance	4,654	<0.01	<0.01
Orange	disodium octaborate tetrahydrate	Structural pest control	68,102	<0.01	<0.01
Orange	disodium octaborate tetrahydrate	Rights of way	1,472	<0.01	<0.01
Orange	disodium octaborate tetrahydrate	Landscape maintenance	9	<0.01	<0.01
Orange	disodium octaborate tetrahydrate	Regulatory pest control	9	<0.01	<0.01
Orange	mineral oil	Public health	34,644	<0.01	<0.01
Orange	mineral oil	Landscape maintenance	9,372	<0.01	<0.01
Orange	mineral oil	Rights of way	8,405	<0.01	<0.01
Orange	mineral oil	Avocado	6,039	14	350
Orange	mineral oil	Lemon	5,547	8	228
Orange	glyphosate, isopropylamine salt	Landscape maintenance	21,658	1	1
Orange	glyphosate, isopropylamine salt	Rights of way	16,348	25	39

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Orange	glyphosate, isopropylamine salt	N-outdr plants in containers	2,029	473	572
Orange	glyphosate, isopropylamine salt	Avocado	711	96	201
Orange	glyphosate, isopropylamine salt	Lemon	338	21	427
Orange	boric acid	Structural pest control	34,433	<0.01	<0.01
Orange	boric acid	Rights of way	80	<0.01	<0.01
Orange	boric acid	Landscape maintenance	67	<0.01	<0.01
Orange	boric acid	Regulatory pest control	1	<0.01	<0.01
Placer	propanil	Rice	39,854	160	8,061
Placer	glyphosate, isopropylamine salt	Rights of way	19,234	2	2
Placer	glyphosate, isopropylamine salt	Forest, timberland	4,566	34	1,628
Placer	glyphosate, isopropylamine salt	Landscape maintenance	3,350	<0.01	<0.01
Placer	glyphosate, isopropylamine salt	N-outdr plants in containers	91	16	29
Placer	glyphosate, isopropylamine salt	Grape, wine	69	15	46
Placer	mineral oil	Rice	11,558	139	6,024
Placer	mineral oil	Landscape maintenance	2,225	10	33
Placer	mineral oil	Apple	1,774	10	90
Placer	mineral oil	Walnut	1,726	15	1,375
Placer	mineral oil	Rights of way	1,596	<0.01	<0.01
Placer	permethrin	Structural pest control	22,468	<0.01	<0.01
Placer	permethrin	Regulatory pest control	146	<0.01	<0.01
Placer	permethrin	Landscape maintenance	42	<0.01	<0.01
Placer	permethrin	Residential	0	<0.01	0
Placer	sulfur	Almond	21,152	9	2,429
Placer	sulfur	Grape, wine	1,037	71	360
Placer	sulfur	Peach	84	4	18
Placer	sulfur	Plum	26	2	6
Placer	sulfur	Apricot	6	2	1

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Plumas	fatty acids, methyl esters	Structural pest control	12,381	<0.01	<0.01
Plumas	fatty acids, methyl esters	Rights of way	7,646	<0.01	<0.01
Plumas	fatty acids, methyl esters	Regulatory pest control	97	<0.01	<0.01
Plumas	fatty acids, methyl esters	Forage hay/silage	72	1	120
Plumas	fatty acids, methyl esters	Grain	72	1	120
Plumas	glyphosate, dimethylamine salt	Forest, timberland	11,147	124	5,932
Plumas	glyphosate, dimethylamine salt	Regulatory pest control	3,445	<0.01	<0.01
Plumas	glyphosate, dimethylamine salt	Structural pest control	3,064	<0.01	<0.01
Plumas	glyphosate, dimethylamine salt	Rights of way	2,345	<0.01	<0.01
Plumas	oleic acid, methyl ester*	Forest, timberland	13,202	91	4,000
Plumas	imazapyr, isopropylamine salt	Forest, timberland	2,836	112	5,837
Plumas	imazapyr, isopropylamine salt	Regulatory pest control	873	<0.01	<0.01
Plumas	imazapyr, isopropylamine salt	Structural pest control	722	<0.01	<0.01
Plumas	imazapyr, isopropylamine salt	Rights of way	641	<0.01	<0.01
Plumas	glyphosate, isopropylamine salt	Forest, timberland	4,353	13	2,794
Plumas	glyphosate, isopropylamine salt	Rights of way	215	2	2
Plumas	glyphosate, isopropylamine salt	Landscape maintenance	27	1	1
Riverside	metam-sodium	Pepper, fruiting	466,785	92	2,173
Riverside	metam-sodium	Watermelon	53,086	10	360
Riverside	metam-sodium	Lemon	12,171	3	53
Riverside	metam-sodium	Strawberry	7,408	2	50
Riverside	metam-sodium	Squash, summer	4,191	1	18
Riverside	sulfur	Grape	80,574	1,201	35,691
Riverside	sulfur	Alfalfa	69,638	235	11,207
Riverside	sulfur	Carrot	50,353	329	9,663
Riverside	sulfur	Pepper, fruiting	26,256	81	2,415
Riverside	sulfur	Lemon	14,007	56	2,461
Riverside	kaolin	Lemon	193,259	72	3,195

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Riverside	kaolin	Tangerine	36,338	14	547
Riverside	kaolin	Mango	16,245	8	342
Riverside	kaolin	Tomato	12,322	8	343
Riverside	kaolin	Tangelo	10,331	5	190
Riverside	mineral oil	Lemon	142,087	185	8,539
Riverside	mineral oil	Grapefruit	43,621	136	5,135
Riverside	mineral oil	Alfalfa	19,491	812	31,497
Riverside	mineral oil	Tangerine	15,071	25	981
Riverside	mineral oil	Orange	13,430	63	1,291
Riverside	disodium octaborate tetrahydrate	Structural pest control	195,896	<0.01	<0.01
Riverside	disodium octaborate tetrahydrate	Rights of way	258	<0.01	<0.01
Sacramento	sulfur	Grape, wine	2,575,445	3,421	208,187
Sacramento	sulfur	Tomato	29,818	34	1,422
Sacramento	sulfur	Pear	12,110	63	1,581
Sacramento	sulfur	Tomato, processing	8,644	6	441
Sacramento	sulfur	Cherry	3,471	21	641
Sacramento	mineral oil	Pear	549,866	856	35,382
Sacramento	mineral oil	Grape, wine	53,771	543	19,210
Sacramento	mineral oil	Rice	16,297	111	8,662
Sacramento	mineral oil	Cherry	4,935	68	1,139
Sacramento	mineral oil	Public health	4,684	<0.01	<0.01
Sacramento	glyphosate, isopropylamine salt	Grape, wine	32,288	591	12,855
Sacramento	glyphosate, isopropylamine salt	Rights of way	22,287	2	2
Sacramento	glyphosate, isopropylamine salt	Landscape maintenance	13,899	17	667
Sacramento	glyphosate, isopropylamine salt	Uncultivated ag	4,423	93	3,896
Sacramento	glyphosate, isopropylamine salt	Almond	4,222	60	2,214
Sacramento	1,3-dichloropropene	Grape, wine	66,716	4	202
Sacramento	glyphosate, potassium salt	Grape, wine	13,319	195	5,373



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sacramento	glyphosate, potassium salt	Alfalfa	7,843	148	4,855
Sacramento	glyphosate, potassium salt	Landscape maintenance	7,222	<0.01	<0.01
Sacramento	glyphosate, potassium salt	Corn, grain	6,531	127	4,411
Sacramento	glyphosate, potassium salt	Corn (forage - fodder)	4,187	117	3,106
San Benito	diatomaceous earth	Lettuce, leaf	55,417	710	3,918
San Benito	diatomaceous earth	Broccoli	38,308	322	2,549
San Benito	diatomaceous earth	Cauliflower	22,042	251	1,336
San Benito	diatomaceous earth	Cabbage	10,274	170	593
San Benito	diatomaceous earth	Celery	5,798	72	309
San Benito	potassium n-methyldithiocarbamate	Pepper, fruiting	111,311	60	484
San Benito	potassium n-methyldithiocarbamate	Tomato	8,757	3	35
San Benito	sulfur	Grape, wine	48,709	374	8,961
San Benito	sulfur	Kale	3,339	133	464
San Benito	sulfur	Tomato, processing	2,643	19	571
San Benito	sulfur	Carrot	1,858	31	247
San Benito	sulfur	Pepper, fruiting	1,585	62	310
San Benito	mineral oil	Grape, wine	48,966	711	11,965
San Benito	mineral oil	Apple	3,007	13	184
San Benito	mineral oil	Apricot	750	9	63
San Benito	mineral oil	Walnut	361	11	346
San Benito	mineral oil	Cherry	351	11	76
San Benito	sulfur dioxide	Fumigation, other	23,622	<0.01	<0.01
San Bernardino	disodium octaborate tetrahydrate	Landscape maintenance	157,986	<0.01	<0.01
San Bernardino	disodium octaborate tetrahydrate	Structural pest control	4,274	<0.01	<0.01
San Bernardino	disodium octaborate tetrahydrate	Rights of way	1,045	<0.01	<0.01
San Bernardino	glyphosate, isopropylamine salt	Rights of way	43,570	26	60
San Bernardino	glyphosate, isopropylamine salt	Landscape maintenance	19,881	50	675

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Bernardino	glyphosate, isopropylamine salt	Alfalfa	2,461	16	1,095
San Bernardino	glyphosate, isopropylamine salt	N-outdr plants in containers	2,221	144	577
San Bernardino	glyphosate, isopropylamine salt	Corn (forage - fodder)	2,037	38	1,445
San Bernardino	sulfuryl fluoride	Structural pest control	59,906	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Regulatory pest control	2,504	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Landscape maintenance	1,323	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Commercial storages or warehouses (all or unspec)	63	<0.01	<0.01
San Bernardino	boric acid	Structural pest control	24,787	<0.01	<0.01
San Bernardino	boric acid	Rights of way	75	<0.01	<0.01
San Bernardino	boric acid	Landscape maintenance	20	<0.01	<0.01
San Bernardino	boric acid	Regulatory pest control	5	<0.01	<0.01
San Bernardino	mineral oil	Orange	9,708	143	1,079
San Bernardino	mineral oil	Rights of way	3,560	1	30
San Bernardino	mineral oil	Golf course turf	3,549	<0.01	200
San Bernardino	mineral oil	Landscape maintenance	575	1	11
San Bernardino	mineral oil	Grapefruit	420	11	49
San Diego	sulfuryl fluoride	Structural pest control	445,384	<0.01	<0.01
San Diego	mineral oil	Avocado	79,774	271	4,931
San Diego	mineral oil	Lemon	49,924	362	3,038
San Diego	mineral oil	Orange	34,705	185	2,971
San Diego	mineral oil	Grapefruit	20,709	86	1,508
San Diego	mineral oil	Landscape maintenance	15,184	<0.01	<0.01
San Diego	glyphosate, isopropylamine salt	Rights of way	47,435	6	1
San Diego	glyphosate, isopropylamine salt	Landscape maintenance	40,376	<0.01	<0.01
San Diego	glyphosate, isopropylamine salt	N-outdr plants in containers	20,889	3,034	6,510

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Diego	glyphosate, isopropylamine salt	Avocado	2,965	583	4,679
San Diego	glyphosate, isopropylamine salt	Lemon	2,197	515	1,414
San Diego	chloropicrin	Tomato	52,181	53	527
San Diego	chloropicrin	Strawberry	14,464	8	43
San Diego	chloropicrin	N-outdr flower	2,140	7	37
San Diego	chloropicrin	Soil fumigation/preplant	154	1	2
San Diego	chloropicrin	Structural pest control	53	<0.01	<0.01
San Diego	1,3-dichloropropene	Tomato	61,637	9	522
San Diego	1,3-dichloropropene	Strawberry	3,510	7	43
San Francisco	chlorothalonil	N-grnhs transplants	3,073	<0.01	489
San Francisco	chlorothalonil	N-grnhs flower	249	<0.01	64
San Francisco	glutaraldehyde	Water (industrial)	3,175	<0.01	<0.01
San Francisco	2,2-dibromo-3-nitrilopropionamide	Water (industrial)	2,935	<0.01	<0.01
San Francisco	triclopyr, butoxyethyl ester	N-grnhs flower	2,490	<0.01	60
San Francisco	triclopyr, butoxyethyl ester	N-grnhs transplants	212	<0.01	239
San Francisco	triclopyr, butoxyethyl ester	Landscape maintenance	98	<0.01	<0.01
San Francisco	triclopyr, butoxyethyl ester	Rights of way	2	<0.01	<0.01
San Francisco	potassium phosphite	Landscape maintenance	1,674	<0.01	<0.01
San Francisco	potassium phosphite	N-grnhs transplants	513	<0.01	40
San Francisco	potassium phosphite	N-grnhs flower	97	<0.01	21
San Francisco	potassium phosphite	Cannabis (all or unspecified)	5	95	2
San Joaquin	sulfur	Grape, wine	5,149,419	9,853	421,986
San Joaquin	sulfur	Tomato, processing	438,785	355	18,750
San Joaquin	sulfur	Grape	78,303	158	5,961
San Joaquin	sulfur	Tomato	73,539	77	2,480
San Joaquin	sulfur	Watermelon	47,330	71	3,611
San Joaquin	1,3-dichloropropene	Soil fumigation/preplant	437,268	51	1,365

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Joaquin	1,3-dichloropropene	Almond	259,881	41	788
San Joaquin	1,3-dichloropropene	Grape, wine	109,151	13	331
San Joaquin	1,3-dichloropropene	Carrot	54,728	7	433
San Joaquin	1,3-dichloropropene	Cherry	32,276	9	99
San Joaquin	mineral oil	Almond	621,753	1,583	73,350
San Joaquin	mineral oil	Cherry	155,362	1,112	19,096
San Joaquin	mineral oil	Grape, wine	39,839	1,034	27,507
San Joaquin	mineral oil	Apple	25,845	209	2,474
San Joaquin	mineral oil	Walnut	20,641	1,056	31,559
San Joaquin	potassium n-methyldithiocarbamate	Tomato, processing	220,159	40	3,361
San Joaquin	potassium n-methyldithiocarbamate	Potato	115,059	7	335
San Joaquin	potassium n-methyldithiocarbamate	Carrot	48,413	3	180
San Joaquin	potassium n-methyldithiocarbamate	Melon	25,148	7	517
San Joaquin	potassium n-methyldithiocarbamate	Watermelon	20,272	4	275
San Joaquin	glyphosate, isopropylamine salt	Almond	115,596	1,788	61,963
San Joaquin	glyphosate, isopropylamine salt	Grape, wine	39,169	1,253	20,045
San Joaquin	glyphosate, isopropylamine salt	Walnut	35,784	969	19,928
San Joaquin	glyphosate, isopropylamine salt	Rights of way	27,778	146	3,830
San Joaquin	glyphosate, isopropylamine salt	Uncultivated ag	22,687	310	11,793
San Luis Obispo	chloropicrin	Strawberry	716,148	124	3,527
San Luis Obispo	chloropicrin	Avocado	9,363	2	37
San Luis Obispo	chloropicrin	Raspberry	6,772	1	23
San Luis Obispo	chloropicrin	Blackberry	2,714	2	17
San Luis Obispo	chloropicrin	Squash	1,451	3	16

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Luis Obispo	sulfur	Grape, wine	386,595	2,411	102,614
San Luis Obispo	sulfur	Strawberry	170,698	635	24,915
San Luis Obispo	sulfur	Carrot	69,651	210	11,579
San Luis Obispo	sulfur	Grape	8,439	51	1,932
San Luis Obispo	sulfur	Squash, summer	2,931	23	212
San Luis Obispo	mineral oil	Grape, wine	216,401	1,339	48,128
San Luis Obispo	mineral oil	Avocado	55,411	140	3,121
San Luis Obispo	mineral oil	Lemon	35,167	98	2,944
San Luis Obispo	mineral oil	Grape	5,973	12	491
San Luis Obispo	mineral oil	Blackberry	3,426	27	522
San Luis Obispo	1,3-dichloropropene	Strawberry	180,062	57	1,540
San Luis Obispo	1,3-dichloropropene	Chinese cabbage (napa, won bok, celery cabbage)	58,304	46	493
San Luis Obispo	1,3-dichloropropene	Carrot	29,810	4	252
San Luis Obispo	1,3-dichloropropene	Brussels sprout	15,989	20	197
San Luis Obispo	1,3-dichloropropene	Cauliflower	10,152	8	86
San Luis Obispo	potassium n-methyldithiocarbamate	Carrot	87,798	3	334
San Luis Obispo	potassium n-methyldithiocarbamate	Strawberry	24,926	8	114
San Mateo	sulfuryl fluoride	Structural pest control	55,699	<0.01	<0.01
San Mateo	potassium n-methyldithiocarbamate	Brussels sprout	33,041	27	373
San Mateo	potassium phosphite	Landscape maintenance	23,586	<0.01	<0.01
San Mateo	potassium phosphite	Brussels sprout	553	27	345
San Mateo	potassium phosphite	Rights of way	99	<0.01	<0.01
San Mateo	potassium phosphite	Artichoke, globe	40	3	25
San Mateo	potassium phosphite	N-grnhs plants in containers	1	4	3

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Mateo	mineral oil	Public health	11,857	<0.01	<0.01
San Mateo	mineral oil	Landscape maintenance	3,417	<0.01	<0.01
San Mateo	mineral oil	Grape, wine	2,248	28	235
San Mateo	mineral oil	Industrial hemp	477	4	8
San Mateo	mineral oil	N-outdr plants in containers	235	42	33
San Mateo	boric acid	Structural pest control	10,670	<0.01	<0.01
San Mateo	boric acid	Landscape maintenance	144	<0.01	<0.01
Santa Barbara	chloropicrin	Strawberry	1,846,953	291	9,398
Santa Barbara	chloropicrin	N-outdr flower	47,027	21	187
Santa Barbara	chloropicrin	Squash	31,946	22	340
Santa Barbara	chloropicrin	Raspberry	5,264	4	22
Santa Barbara	chloropicrin	Squash, summer	5,161	7	55
Santa Barbara	sulfur	Grape, wine	674,234	1,921	114,705
Santa Barbara	sulfur	Strawberry	301,598	1,662	58,619
Santa Barbara	sulfur	Carrot	43,829	115	7,960
Santa Barbara	sulfur	Peas	37,604	156	1,452
Santa Barbara	sulfur	Regulatory pest control	4,874	<0.01	<0.01
Santa Barbara	potassium n-methyldithiocarbamate	Carrot	368,741	12	1,402
Santa Barbara	potassium n-methyldithiocarbamate	Strawberry	272,056	40	1,099
Santa Barbara	potassium n-methyldithiocarbamate	Raspberry	12,318	3	48
Santa Barbara	1,3-dichloropropene	Strawberry	428,896	108	3,809
Santa Barbara	1,3-dichloropropene	Carrot	32,052	6	271
Santa Barbara	1,3-dichloropropene	N-outdr flower	30,373	19	186
Santa Barbara	1,3-dichloropropene	Cauliflower	4,737	3	40
Santa Barbara	1,3-dichloropropene	Broccoli	3,959	1	33

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Barbara	mineral oil	Lemon	122,609	300	4,280
Santa Barbara	mineral oil	Avocado	82,148	316	5,912
Santa Barbara	mineral oil	Grape, wine	78,991	968	30,107
Santa Barbara	mineral oil	Blackberry	23,993	244	2,587
Santa Barbara	mineral oil	Strawberry	5,226	381	12,647
Santa Clara	sulfuryl fluoride	Structural pest control	175,715	<0.01	<0.01
Santa Clara	potassium n-methyldithiocarbamate	Pepper, fruiting	94,986	33	410
Santa Clara	potassium n-methyldithiocarbamate	Uncultivated ag	55,967	10	326
Santa Clara	potassium n-methyldithiocarbamate	Tomato	18,198	3	106
Santa Clara	deltamethrin	Structural pest control	53,579	<0.01	<0.01
Santa Clara	deltamethrin	Landscape maintenance	6	<0.01	<0.01
Santa Clara	deltamethrin	Regulatory pest control	0	<0.01	<0.01
Santa Clara	sodium hypochlorite	Water (industrial)	37,662	<0.01	12
Santa Clara	sodium hypochlorite	Landscape maintenance	3,135	<0.01	<0.01
Santa Clara	sodium hypochlorite	Regulatory pest control	149	<0.01	<0.01
Santa Clara	sodium hypochlorite	Water systems - human potable/drinking	46	<0.01	6
Santa Clara	sodium hypochlorite	Water area	1	<0.01	4
Santa Clara	boric acid	Structural pest control	39,770	<0.01	<0.01
Santa Clara	boric acid	Landscape maintenance	225	<0.01	<0.01
Santa Clara	boric acid	Pepper, fruiting	146	1	15
Santa Clara	boric acid	Regulatory pest control	0	<0.01	<0.01
Santa Cruz	chloropicrin	Strawberry	470,368	122	1,762
Santa Cruz	chloropicrin	Raspberry	148,531	28	498
Santa Cruz	chloropicrin	Blackberry	6,831	6	39

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Cruz	chloropicrin	N-outdr plants in containers	14	1	0
Santa Cruz	chloropicrin	Structural pest control	1	<0.01	<0.01
Santa Cruz	1,3-dichloropropene	Strawberry	134,217	77	1,593
Santa Cruz	1,3-dichloropropene	Brussels sprout	60,635	29	597
Santa Cruz	1,3-dichloropropene	Raspberry	42,663	19	468
Santa Cruz	1,3-dichloropropene	Blackberry	1,736	2	27
Santa Cruz	mineral oil	Apple	46,521	67	1,412
Santa Cruz	mineral oil	Grape, wine	8,306	190	1,134
Santa Cruz	mineral oil	Blackberry	4,358	144	1,288
Santa Cruz	mineral oil	Cannabis (all or unspecified)	846	111	24
Santa Cruz	mineral oil	Landscape maintenance	456	<0.01	<0.01
Santa Cruz	sulfuryl fluoride	Structural pest control	48,001	<0.01	<0.01
Santa Cruz	lime-sulfur	Raspberry	22,370	42	666
Santa Cruz	lime-sulfur	Blackberry	12,095	64	345
Santa Cruz	lime-sulfur	Apple	4,877	23	365
Santa Cruz	lime-sulfur	Grape, wine	617	6	41
Shasta	borax	Rights of way	82,373	<0.01	<0.01
Shasta	borax	Forest, timberland	20	<0.01	92
Shasta	borax	Structural pest control	3	<0.01	<0.01
Shasta	methylated soybean oil*	Forest, timberland	31,243	411	12,364
Shasta	methylated soybean oil*	Rights of way	2,376	<0.01	<0.01
Shasta	methylated soybean oil*	Landscape maintenance	1,081	1	61
Shasta	methylated soybean oil*	Walnut	688	52	1,524
Shasta	methylated soybean oil*	Structural pest control	658	<0.01	<0.01
Shasta	copper sulfate (pentahydrate)	Rice, wild	32,116	36	2,447
Shasta	glyphosate, dimethylamine salt	Forest, timberland	21,153	377	13,421
Shasta	glyphosate, dimethylamine salt	Rights of way	2,455	<0.01	<0.01



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Shasta	glyphosate, dimethylamine salt	Regulatory pest control	908	<0.01	<0.01
Shasta	glyphosate, dimethylamine salt	Structural pest control	645	<0.01	<0.01
Shasta	glyphosate, dimethylamine salt	Landscape maintenance	176	<0.01	<0.01
Shasta	methyl bromide	Soil fumigation/preplant	23,315	9	109
Sierra	methylated soybean oil*	Forest, timberland	602	10	296
Sierra	methylated soybean oil*	Rights of way	6	<0.01	<0.01
Sierra	methylated soybean oil*	Uncultivated non-ag	0	<0.01	1
Sierra	methylated soybean oil*	Industrial site	0	<0.01	1
Sierra	glyphosate, isopropylamine salt	Forest, timberland	443	9	263
Sierra	glyphosate, isopropylamine salt	Landscape maintenance	40	<0.01	<0.01
Sierra	glyphosate, isopropylamine salt	Alfalfa	23	1	22
Sierra	glyphosate, isopropylamine salt	Rights of way	2	<0.01	<0.01
Sierra	glyphosate, isopropylamine salt	Uncultivated non-ag	0	<0.01	1
Sierra	hexazinone	Alfalfa	228	6	493
Sierra	glyphosate, dimethylamine salt	Forest, timberland	123	1	44
Sierra	glyphosate, dimethylamine salt	Rights of way	14	<0.01	<0.01
Sierra	imazapyr, isopropylamine salt	Forest, timberland	115	5	189
Sierra	imazapyr, isopropylamine salt	Rights of way	5	<0.01	<0.01
Siskiyou	methyl bromide	Soil fumigation/preplant	684,766	175	2,938
Siskiyou	chloropicrin	Soil fumigation/preplant	368,784	168	2,868
Siskiyou	glyphosate, isopropylamine salt	Forest, timberland	16,899	143	3,291
Siskiyou	glyphosate, isopropylamine salt	Rights of way	3,712	4	73
Siskiyou	glyphosate, isopropylamine salt	Alfalfa	1,369	26	1,245
Siskiyou	glyphosate, isopropylamine salt	Uncultivated ag	304	2	160
Siskiyou	glyphosate, isopropylamine salt	Landscape maintenance	280	1	1
Siskiyou	methylated soybean oil*	Forest, timberland	10,927	201	5,048
Siskiyou	methylated soybean oil*	Rights of way	2,329	2	55
Siskiyou	methylated soybean oil*	Alfalfa	1,184	135	9,456

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Siskiyou	methylated soybean oil*	Potato	844	40	2,468
Siskiyou	methylated soybean oil*	Onion, dry	259	26	1,301
Siskiyou	sulfur	Strawberry	9,475	86	3,270
Siskiyou	sulfur	Raspberry	2,190	8	482
Siskiyou	sulfur	Carrot	1,865	6	620
Solano	sulfur	Grape, wine	244,073	869	24,182
Solano	sulfur	Tomato, processing	161,700	145	7,197
Solano	sulfur	Almond	58,957	60	5,396
Solano	sulfur	Prune	4,028	4	250
Solano	sulfur	N-outdr transplants	715	5	102
Solano	mineral oil	Almond	120,504	111	19,133
Solano	mineral oil	Pear	17,925	21	1,123
Solano	mineral oil	Prune	10,535	13	1,093
Solano	mineral oil	Grape, wine	4,512	98	2,003
Solano	mineral oil	Landscape maintenance	713	<0.01	<0.01
Solano	sodium hypochlorite	Water (industrial)	145,677	<0.01	4
Solano	sodium hypochlorite	Grape, wine	0	1	1
Solano	2,2-dibromo-3-nitrilopropionamide	Water (industrial)	113,270	<0.01	2
Solano	sodium bromide	Water (industrial)	107,634	<0.01	5
Sonoma	sulfur	Grape, wine	1,569,752	10,329	232,018
Sonoma	sulfur	Apple	4,401	103	590
Sonoma	sulfur	Grape	1,005	7	137
Sonoma	sulfur	Peach	80	2	10
Sonoma	sulfur	N-grnhs plants in containers	47	1	18
Sonoma	mineral oil	Grape, wine	252,744	2,654	52,167
Sonoma	mineral oil	Apple	18,005	87	558
Sonoma	mineral oil	Landscape maintenance	5,133	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sonoma	mineral oil	Public health	1,754	<0.01	<0.01
Sonoma	mineral oil	Cannabis (all or unspecified)	345	84	33
Sonoma	4-nonylphenol, formaldehyde resin, propoxylated*	Grape, wine	197,259	1,139	27,394
Sonoma	4-nonylphenol, formaldehyde resin, propoxylated*	Landscape maintenance	0	<0.01	<0.01
Sonoma	4-nonylphenol, formaldehyde resin, propoxylated*	Cannabis (all or unspecified)	<0.01	2	0
Sonoma	castor oil ethoxylate*	Grape, wine	179,061	1,064	24,291
Sonoma	castor oil ethoxylate*	Landscape maintenance	0	<0.01	<0.01
Sonoma	sulfuryl fluoride	Structural pest control	36,902	<0.01	<0.01
Stanislaus	mineral oil	Almond	1,521,201	3,499	191,758
Stanislaus	mineral oil	Walnut	31,504	263	9,191
Stanislaus	mineral oil	Peach	26,472	129	1,528
Stanislaus	mineral oil	Cherry	10,779	75	1,234
Stanislaus	mineral oil	Public health	7,883	<0.01	<0.01
Stanislaus	1,3-dichloropropene	Almond	950,152	151	3,044
Stanislaus	1,3-dichloropropene	Sweet potato	172,417	47	1,488
Stanislaus	1,3-dichloropropene	Walnut	75,546	19	299
Stanislaus	1,3-dichloropropene	Grape, wine	45,771	4	139
Stanislaus	1,3-dichloropropene	Cherry	27,882	2	85
Stanislaus	sulfur	Grape, wine	263,525	371	26,305
Stanislaus	sulfur	Tomato, processing	165,480	85	6,264
Stanislaus	sulfur	Almond	76,927	255	13,505
Stanislaus	sulfur	Peach	26,702	218	3,841
Stanislaus	sulfur	Cherry	3,962	51	1,016
Stanislaus	potassium n-methyldithiocarbamate	Cilantro	48,991	94	378

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Stanislaus	potassium n-methyldithiocarbamate	Lettuce, leaf	45,625	106	351
Stanislaus	potassium n-methyldithiocarbamate	Kale	41,842	106	331
Stanislaus	potassium n-methyldithiocarbamate	Cabbage	36,660	78	272
Stanislaus	potassium n-methyldithiocarbamate	Spinach	29,061	81	241
Stanislaus	glyphosate, isopropylamine salt	Almond	194,015	2,992	110,205
Stanislaus	glyphosate, isopropylamine salt	Rights of way	33,131	63	548
Stanislaus	glyphosate, isopropylamine salt	Walnut	27,095	636	14,504
Stanislaus	glyphosate, isopropylamine salt	Corn (forage - fodder)	16,757	308	12,233
Stanislaus	glyphosate, isopropylamine salt	Landscape maintenance	6,384	<0.01	<0.01
Sutter	propanil	Rice	403,665	931	80,491
Sutter	mineral oil	Rice	141,684	754	60,822
Sutter	mineral oil	Peach	102,711	412	6,469
Sutter	mineral oil	Prune	100,984	232	8,747
Sutter	mineral oil	Almond	25,305	122	5,164
Sutter	mineral oil	Walnut	8,476	441	11,329
Sutter	1,3-dichloropropene	Uncultivated ag	88,515	12	268
Sutter	1,3-dichloropropene	Walnut	76,580	9	252
Sutter	1,3-dichloropropene	Peach	15,633	5	47
Sutter	1,3-dichloropropene	N-outdr transplants	14,554	10	57
Sutter	1,3-dichloropropene	Prune	1,826	1	6
Sutter	sulfur	Tomato, processing	119,817	58	5,378
Sutter	sulfur	Prune	10,345	15	796
Sutter	sulfur	Tomato	10,227	3	337
Sutter	sulfur	Peach	8,538	49	686
Sutter	sulfur	Melon	7,644	2	390

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sutter	copper hydroxide	Walnut	132,273	840	29,391
Sutter	copper hydroxide	Peach	22,120	178	3,148
Sutter	copper hydroxide	Prune	4,167	22	1,434
Sutter	copper hydroxide	Olive	3,000	13	626
Sutter	copper hydroxide	Almond	1,630	19	720
Tehama	1,3-dichloropropene	Uncultivated ag	89,916	5	274
Tehama	1,3-dichloropropene	Soil fumigation/preplant	77,541	7	239
Tehama	1,3-dichloropropene	Walnut	5,145	101	16
Tehama	copper hydroxide	Walnut	122,435	933	27,671
Tehama	copper hydroxide	Olive	26,809	170	9,210
Tehama	copper hydroxide	Almond	2,904	27	1,755
Tehama	copper hydroxide	Prune	815	18	442
Tehama	copper hydroxide	Rights of way	210	<0.01	<0.01
Tehama	glyphosate, potassium salt	Almond	30,709	313	17,123
Tehama	glyphosate, potassium salt	Walnut	19,892	443	11,166
Tehama	glyphosate, potassium salt	Prune	5,559	127	2,578
Tehama	glyphosate, potassium salt	Olive	2,131	35	886
Tehama	glyphosate, potassium salt	Rights of way	1,463	15	605
Tehama	glyphosate, isopropylamine salt	Walnut	30,250	744	17,828
Tehama	glyphosate, isopropylamine salt	Almond	13,529	259	8,593
Tehama	glyphosate, isopropylamine salt	Rights of way	4,557	7	76
Tehama	glyphosate, isopropylamine salt	Uncultivated ag	2,849	189	1,868
Tehama	glyphosate, isopropylamine salt	Olive	2,430	87	2,169
Tehama	mancozeb	Walnut	48,047	925	27,259
Tehama	mancozeb	Almond	6,067	25	1,409
Tehama	mancozeb	Cucumber	56	1	25
Trinity	methylated soybean oil*	Forest, timberland	8,020	87	3,101
Trinity	methylated soybean oil*	Rights of way	3,954	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Trinity	methyated soybean oil*	N-outdr transplants	95	1	37
Trinity	glyphosate, isopropylamine salt	Forest, timberland	3,892	56	2,022
Trinity	glyphosate, isopropylamine salt	Rights of way	1,120	<0.01	<0.01
Trinity	glyphosate, isopropylamine salt	N-outdr transplants	81	1	37
Trinity	glyphosate, isopropylamine salt	Landscape maintenance	23	<0.01	<0.01
Trinity	glyphosate, dimethylamine salt	Forest, timberland	3,290	71	4,272
Trinity	glyphosate, dimethylamine salt	Rights of way	1,654	<0.01	<0.01
Trinity	oxyfluorfen	Forest, timberland	4,418	31	3,055
Trinity	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Forest, timberland	1,426	87	3,101
Trinity	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rights of way	703	<0.01	<0.01
Trinity	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	N-outdr transplants	17	1	37
Tulare	mineral oil	Orange	3,067,462	12,120	221,901
Tulare	mineral oil	Almond	1,307,631	2,443	146,885
Tulare	mineral oil	Tangerine	767,649	3,829	82,408
Tulare	mineral oil	Peach	391,645	2,550	31,080
Tulare	mineral oil	Lemon	373,098	1,741	25,545
Tulare	calcium hydroxide	Orange	1,920,091	4,250	78,737
Tulare	calcium hydroxide	Tangerine	321,824	899	20,684
Tulare	calcium hydroxide	Lemon	263,347	604	9,517
Tulare	calcium hydroxide	Tangelo	42,624	112	1,413
Tulare	calcium hydroxide	Grapefruit	41,984	116	1,390
Tulare	sulfur	Grape	1,425,078	6,040	270,571
Tulare	sulfur	Pistachio	201,937	425	35,314
Tulare	sulfur	Grape, wine	144,159	477	23,401
Tulare	sulfur	Regulatory pest control	51,304	<0.01	<0.01
Tulare	sulfur	Tomato, processing	38,929	35	2,760

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tulare	1,3-dichloropropene	Soil fumigation/preplant	571,913	120	1,751
Tulare	1,3-dichloropropene	Grape	5,743	2	18
Tulare	1,3-dichloropropene	Plum	3,643	1	13
Tulare	1,3-dichloropropene	Peach	1,388	1	5
Tulare	1,3-dichloropropene	Nectarine	981	2	3
Tulare	copper sulfate (basic)	Orange	296,159	3,400	63,292
Tulare	copper sulfate (basic)	Tangerine	67,633	662	15,838
Tulare	copper sulfate (basic)	Lemon	32,141	457	6,905
Tulare	copper sulfate (basic)	Grape	15,327	382	13,262
Tulare	copper sulfate (basic)	Walnut	11,278	35	1,805
Tuolumne	glyphosate, isopropylamine salt	Forest, timberland	21,390	51	4,412
Tuolumne	glyphosate, isopropylamine salt	Rights of way	3,674	9	5
Tuolumne	glyphosate, isopropylamine salt	Landscape maintenance	1,653	<0.01	<0.01
Tuolumne	glyphosate, isopropylamine salt	Structural pest control	95	<0.01	<0.01
Tuolumne	glyphosate, isopropylamine salt	Rangeland	31	10	3,671
Tuolumne	methylated soybean oil*	Rights of way	4,076	<0.01	<0.01
Tuolumne	methylated soybean oil*	Forest, timberland	3,186	110	1,504
Tuolumne	methylated soybean oil*	Landscape maintenance	189	<0.01	<0.01
Tuolumne	methylated soybean oil*	Golf course turf	5	<0.01	5
Tuolumne	glyphosate, dimethylamine salt	Forest, timberland	4,214	91	1,845
Tuolumne	glyphosate, dimethylamine salt	Rights of way	1,459	<0.01	<0.01
Tuolumne	borax	Rights of way	2,803	<0.01	<0.01
Tuolumne	borax	Forest, timberland	950	11	950
Tuolumne	borax	Structural pest control	2	<0.01	<0.01
Tuolumne	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Rights of way	1,273	<0.01	<0.01
Tuolumne	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Forest, timberland	570	110	3,834

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tuolumne	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Landscape maintenance	86	<0.01	<0.01
Tuolumne	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Pastureland	1	1	2
Tuolumne	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	Grape, wine	1	1	2
Ventura	chloropicrin	Strawberry	1,678,866	261	9,330
Ventura	chloropicrin	N-outdr flower	9,501	13	36
Ventura	chloropicrin	Pepper, fruiting	9,002	9	161
Ventura	chloropicrin	Tomato	4,575	1	19
Ventura	chloropicrin	Blackberry	1,133	1	11
Ventura	mineral oil	Lemon	1,304,461	2,120	40,827
Ventura	mineral oil	Avocado	181,010	748	11,902
Ventura	mineral oil	Blackberry	44,441	632	7,150
Ventura	mineral oil	Orange	38,408	180	2,098
Ventura	mineral oil	Raspberry	34,840	893	9,337
Ventura	potassium n-methyldithiocarbamate	Strawberry	671,372	60	2,650
Ventura	1,3-dichloropropene	Strawberry	289,731	58	2,098
Ventura	1,3-dichloropropene	Pepper, fruiting	16,436	9	161
Ventura	1,3-dichloropropene	Lemon	4,055	1	12
Ventura	1,3-dichloropropene	Tomato	2,994	1	19
Ventura	1,3-dichloropropene	N-outdr flower	2,091	6	15
Ventura	metam-sodium	Pepper, fruiting	126,664	29	633
Ventura	metam-sodium	Strawberry	50,140	6	225
Ventura	metam-sodium	Tomato	10,905	3	46
Ventura	metam-sodium	N-outdr flower	1,469	4	9
Yolo	sulfur	Grape, wine	1,494,474	3,074	123,738
Yolo	sulfur	Tomato, processing	394,343	249	17,244



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Yolo	sulfur	Tomato	26,485	17	1,129
Yolo	sulfur	Almond	12,812	17	823
Yolo	sulfur	Melon	11,466	6	585
Yolo	mineral oil	Pear	52,247	174	2,799
Yolo	mineral oil	Almond	43,101	106	7,846
Yolo	mineral oil	Grape, wine	40,149	463	12,391
Yolo	mineral oil	Apple	10,430	70	1,193
Yolo	mineral oil	Rice	7,205	60	4,106
Yolo	glyphosate, potassium salt	Almond	40,874	333	19,591
Yolo	glyphosate, potassium salt	Uncultivated ag	21,698	205	12,355
Yolo	glyphosate, potassium salt	Alfalfa	13,131	111	6,970
Yolo	glyphosate, potassium salt	Walnut	11,468	164	4,752
Yolo	glyphosate, potassium salt	Grape, wine	9,053	306	5,168
Yolo	glyphosate, isopropylamine salt	Uncultivated ag	32,774	317	23,450
Yolo	glyphosate, isopropylamine salt	Almond	15,404	234	8,682
Yolo	glyphosate, isopropylamine salt	Grape, wine	12,531	360	7,034
Yolo	glyphosate, isopropylamine salt	Rights of way	9,658	2	100
Yolo	glyphosate, isopropylamine salt	Pistachio	9,336	87	4,321
Yolo	potassium n-methyldithiocarbamate	Uncultivated ag	80,174	10	683
Yolo	potassium n-methyldithiocarbamate	Tomato, processing	8,241	1	72
Yuba	1,3-dichloropropene	Soil fumigation/preplant	108,530	13	329
Yuba	1,3-dichloropropene	Uncultivated ag	59,465	4	180
Yuba	1,3-dichloropropene	Walnut	1,534	1	5
Yuba	1,3-dichloropropene	Strawberry	253	1	2
Yuba	mineral oil	Prune	67,312	83	5,014
Yuba	mineral oil	Rice	36,357	333	22,067
Yuba	mineral oil	Peach	35,303	150	1,964

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Yuba	mineral oil	Kiwi fruit fuzzy	10,128	332	3,427
Yuba	mineral oil	Pear	7,708	9	276
Yuba	propanil	Rice	156,958	484	30,433
Yuba	propanil	Research commodity	6	<0.01	<0.01
Yuba	copper sulfate (pentahydrate)	Rice	73,536	114	5,502
Yuba	copper sulfate (pentahydrate)	Walnut	724	5	235
Yuba	copper sulfate (pentahydrate)	Landscape maintenance	4	<0.01	<0.01
Yuba	copper hydroxide	Walnut	61,477	316	13,732
Yuba	copper hydroxide	Peach	3,380	39	519
Yuba	copper hydroxide	Prune	2,593	18	1,309
Yuba	copper hydroxide	Pear	257	6	184
Yuba	copper hydroxide	Rights of way	65	<0.01	<0.01