

# The Top Five Chemicals by Pounds Applied in each County in 2020 and the 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	54,580	<0.01	<0.01
Alameda	sulfuryl fluoride	Regulatory pest control	599	<0.01	<0.01
Alameda	sulfuryl fluoride	Fumigation, other	446	<0.01	<0.01
Alameda	sulfur	Grape, wine	26,673	495	6,106
Alameda	sulfur	Cannabis (all or unspecified)	35	22	1
Alameda	sulfur	Landscape maintenance	6	<0.01	<0.01
Alameda	sulfur	Regulatory pest control	3	<0.01	<0.01
Alameda	sulfur	Structural pest control	2	<0.01	<0.01
Alameda	glyphosate, isopropylamine salt	Rights of way	8,090	<0.01	<0.01
Alameda	glyphosate, isopropylamine salt	Landscape maintenance	7,735	<0.01	<0.01
Alameda	glyphosate, isopropylamine salt	Grape, wine	2,062	244	1,369

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Alameda	glyphosate, isopropylamine salt	Almond	1,968	8	1,217
Alameda	glyphosate, isopropylamine salt	Alfalfa	270	1	180
Alameda	sodium chlorate	Water (industrial)	17,050	<0.01	1
Alameda	mineral oil	Grape, wine	6,686	204	1,562
Alameda	mineral oil	Public health	2,386	<0.01	<0.01
Alameda	mineral oil	Landscape maintenance	845	<0.01	<0.01
Alameda	mineral oil	Golf course turf	529	<0.01	24
Alameda	mineral oil	Rights of way	354	<0.01	<0.01
Alpine	carbaryl	Landscape maintenance	1,030	<0.01	<0.01
Alpine	mineral oil	Structural pest control	392	<0.01	<0.01
Alpine	fatty acids, methyl esters	Alfalfa	120	2	140
Alpine	lecithin*	Landscape maintenance	67	<0.01	<0.01
Alpine	sodium dichloro-s-triazinetrione	Rights of way	45	<0.01	<0.01
Amador	sulfur	Grape, wine	75,388	925	10,671
Amador	glyphosate, isopropylamine salt	Rights of way	3,265	1	3
Amador	glyphosate, isopropylamine salt	Grape, wine	1,333	148	935
Amador	glyphosate, isopropylamine salt	Landscape maintenance	490	1	2
Amador	glyphosate, isopropylamine salt	Water (industrial)	89	1	51
Amador	glyphosate, isopropylamine salt	Alfalfa	85	2	85
Amador	mineral oil	Grape, wine	4,453	206	2,559
Amador	mineral oil	Rights of way	104	<0.01	<0.01
Amador	mineral oil	Landscape maintenance	34	<0.01	<0.01
Amador	mineral oil	Alfalfa	27	14	651
Amador	mineral oil	Pastureland	16	1	340
Amador	methylated soybean oil*	Forest, timberland	1,445	27	373
Amador	methylated soybean oil*	Rights of way	1,181	<0.01	<0.01
Amador	methylated soybean oil*	Landscape maintenance	328	<0.01	<0.01
Amador	methylated soybean oil*	Alfalfa	47	7	280

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Amador	methylated soybean oil*	Walnut	32	8	94
Amador	glyphosate, potassium salt	Alfalfa	1,267	14	668
Amador	glyphosate, potassium salt	Grape, wine	702	70	469
Amador	glyphosate, potassium salt	Landscape maintenance	285	<0.01	<0.01
Amador	glyphosate, potassium salt	Uncultivated non-ag	83	1	50
Amador	glyphosate, potassium salt	Rights of way	70	1	1
Butte	copper sulfate (pentahydrate)	Rice	484,268	442	34,533
Butte	copper sulfate (pentahydrate)	Rice, wild	4,988	8	246
Butte	copper sulfate (pentahydrate)	Landscape maintenance	473	<0.01	<0.01
Butte	copper sulfate (pentahydrate)	Walnut	175	6	410
Butte	copper sulfate (pentahydrate)	Almond	174	12	220
Butte	propanil	Rice	455,173	1,193	95,372
Butte	copper hydroxide	Walnut	364,118	2,186	92,632
Butte	copper hydroxide	Almond	4,500	54	2,159
Butte	copper hydroxide	Peach	4,089	47	613
Butte	copper hydroxide	Prune	3,738	15	911
Butte	copper hydroxide	Olive	2,471	20	1,086
Butte	mineral oil	Rice	152,980	1,189	93,054
Butte	mineral oil	Almond	39,268	163	5,814
Butte	mineral oil	Prune	32,649	93	3,725
Butte	mineral oil	Peach	23,828	74	1,313
Butte	mineral oil	Walnut	16,305	254	7,847
Butte	mancozeb	Walnut	179,471	2,382	102,148
Butte	mancozeb	Almond	2,390	11	547
Butte	mancozeb	Tomato, processing	225	1	150
Butte	mancozeb	Onion, dry	38	3	16
Butte	mancozeb	N-grnhs plants in containers	1	10	3

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Calaveras	methylated soybean oil*	Forest, timberland	7,288	177	2,792
Calaveras	methylated soybean oil*	Rangeland	1,576	31	3,742
Calaveras	methylated soybean oil*	Landscape maintenance	1,278	<0.01	<0.01
Calaveras	methylated soybean oil*	Rights of way	877	3	14
Calaveras	methylated soybean oil*	Structural pest control	6	<0.01	<0.01
Calaveras	sulfur	Grape, wine	10,558	185	2,057
Calaveras	sulfur	Cannabis (all or unspecified)	25	5	4
Calaveras	sulfur	Structural pest control	1	<0.01	<0.01
Calaveras	glyphosate, dimethylamine salt	Forest, timberland	8,657	166	2,580
Calaveras	glyphosate, dimethylamine salt	Rights of way	614	<0.01	<0.01
Calaveras	glyphosate, dimethylamine salt	Rangeland	410	4	98
Calaveras	glyphosate, isopropylamine salt	Rights of way	3,861	1	10
Calaveras	glyphosate, isopropylamine salt	Landscape maintenance	1,258	<0.01	<0.01
Calaveras	glyphosate, isopropylamine salt	Rangeland	1,130	13	721
Calaveras	glyphosate, isopropylamine salt	Forest, timberland	761	14	251
Calaveras	glyphosate, isopropylamine salt	Grape, wine	146	16	67
Calaveras	boric acid	Animal premise	5,952	<0.01	8
Calaveras	boric acid	Structural pest control	19	<0.01	<0.01
Calaveras	boric acid	Landscape maintenance	2	<0.01	<0.01
Colusa	propanil	Rice	500,294	1,401	98,874
Colusa	copper sulfate (pentahydrate)	Walnut	147,795	90	6,308
Colusa	copper sulfate (pentahydrate)	Rice	103,826	132	8,647
Colusa	copper sulfate (pentahydrate)	Rights of way	2,980	<0.01	<0.01
Colusa	copper sulfate (pentahydrate)	Olive	2,851	2	145
Colusa	copper sulfate (pentahydrate)	Almond	1,727	179	5,599
Colusa	glyphosate, potassium salt	Almond	111,331	942	49,225
Colusa	glyphosate, potassium salt	Uncultivated ag	33,471	252	14,839

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Colusa	glyphosate, potassium salt	Walnut	26,789	306	11,276
Colusa	glyphosate, potassium salt	Tomato, processing	14,168	83	5,807
Colusa	glyphosate, potassium salt	Rights of way	12,340	53	2,122
Colusa	mineral oil	Almond	147,652	416	31,811
Colusa	mineral oil	Rice	50,674	413	30,546
Colusa	mineral oil	Grape, wine	5,006	27	1,216
Colusa	mineral oil	Walnut	3,040	92	5,868
Colusa	mineral oil	Rights of way	2,896	8	275
Colusa	thiobencarb	Rice	175,625	673	52,387
Contra Costa	sulfur	Grape, wine	71,977	446	5,662
Contra Costa	sulfur	Tomato, processing	35,388	71	2,989
Contra Costa	sulfur	Peach	1,330	22	230
Contra Costa	sulfur	Tomato	588	1	30
Contra Costa	sulfur	Plum	442	14	77
Contra Costa	mineral oil	Public health	13,623	<0.01	<0.01
Contra Costa	mineral oil	Cherry	9,107	42	732
Contra Costa	mineral oil	Corn, human consumption	4,023	114	1,705
Contra Costa	mineral oil	Landscape maintenance	2,807	<0.01	<0.01
Contra Costa	mineral oil	Grape, wine	2,252	202	1,489
Contra Costa	copper sulfate (pentahydrate)	Landscape maintenance	32,758	<0.01	<0.01
Contra Costa	copper sulfate (pentahydrate)	Olive	1,544	1	130
Contra Costa	copper sulfate (pentahydrate)	Water area	225	<0.01	50
Contra Costa	endothall, dipotassium salt	Landscape maintenance	27,494	<0.01	<0.01
Contra Costa	endothall, dipotassium salt	Water area	9	<0.01	16
Contra Costa	glyphosate, isopropylamine salt	Landscape maintenance	9,816	<0.01	<0.01
Contra Costa	glyphosate, isopropylamine salt	Rights of way	6,107	<0.01	<0.01
Contra Costa	glyphosate, isopropylamine salt	Alfalfa	2,189	12	1,290

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Contra Costa	glyphosate, isopropylamine salt	Corn (forage - fodder)	1,455	9	1,292
Contra Costa	glyphosate, isopropylamine salt	Almond	1,088	14	585
Del Norte	1,3-dichloropropene	Soil fumigation/preplant	192,815	69	709
Del Norte	metam-sodium	Soil fumigation/preplant	72,758	53	248
Del Norte	copper hydroxide	N-outdr flower	10,681	865	7,147
Del Norte	chlorothalonil	N-outdr flower	3,208	461	4,090
Del Norte	diuron	N-outdr flower	1,438	111	994
El Dorado	mineral oil	Grape, wine	21,390	405	3,641
El Dorado	mineral oil	Apple	11,122	180	1,043
El Dorado	mineral oil	Pear	1,587	18	96
El Dorado	mineral oil	Stone fruit	743	6	38
El Dorado	mineral oil	Blueberry	635	6	20
El Dorado	glyphosate, dimethylamine salt	Forest, timberland	34,544	465	6,575
El Dorado	glyphosate, dimethylamine salt	Rights of way	2,274	<0.01	<0.01
El Dorado	methylated soybean oil*	Forest, timberland	28,081	315	4,927
El Dorado	methylated soybean oil*	Rights of way	3,802	<0.01	<0.01
El Dorado	methylated soybean oil*	Landscape maintenance	281	<0.01	<0.01
El Dorado	methylated soybean oil*	Pear	159	1	25
El Dorado	methylated soybean oil*	Rangeland	121	1	36
El Dorado	glyphosate, isopropylamine salt	Forest, timberland	13,344	182	2,048
El Dorado	glyphosate, isopropylamine salt	Rights of way	5,832	5	19
El Dorado	glyphosate, isopropylamine salt	Landscape maintenance	3,653	2	2
El Dorado	glyphosate, isopropylamine salt	Grape, wine	1,343	138	972
El Dorado	glyphosate, isopropylamine salt	Uncultivated ag	405	2	7
El Dorado	oleic acid, methyl ester*	Forest, timberland	22,660	350	3,843
El Dorado	oleic acid, methyl ester*	Rights of way	208	<0.01	<0.01
El Dorado	oleic acid, methyl ester*	Grape, wine	166	3	252
El Dorado	oleic acid, methyl ester*	Landscape maintenance	8	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Fresno	sulfur	Grape	3,658,887	16,246	541,468
Fresno	sulfur	Tomato, processing	3,212,127	1,054	131,980
Fresno	sulfur	Grape, wine	1,847,812	3,076	251,741
Fresno	sulfur	Almond	509,404	412	37,379
Fresno	sulfur	Pistachio	325,960	490	73,756
Fresno	mineral oil	Almond	6,681,978	7,906	489,123
Fresno	mineral oil	Peach	1,095,830	3,332	80,615
Fresno	mineral oil	Orange	672,371	1,917	40,666
Fresno	mineral oil	Nectarine	428,753	1,784	32,101
Fresno	mineral oil	Tangerine	267,225	1,304	25,633
Fresno	potassium n-methyldithiocarbamate	Tomato, processing	1,294,744	179	5,170
Fresno	potassium n-methyldithiocarbamate	Onion, dry	242,787	10	1,067
Fresno	potassium n-methyldithiocarbamate	Carrot	147,643	5	455
Fresno	potassium n-methyldithiocarbamate	Lettuce, head	102,086	10	444
Fresno	potassium n-methyldithiocarbamate	Tomato	91,867	23	274
Fresno	1,3-dichloropropene	Almond	908,896	129	2,777
Fresno	1,3-dichloropropene	Grape	132,418	25	404
Fresno	1,3-dichloropropene	Peach	95,671	22	291
Fresno	1,3-dichloropropene	Tangerine	63,136	9	196
Fresno	1,3-dichloropropene	Nectarine	51,465	12	155
Fresno	glyphosate, potassium salt	Almond	439,122	4,261	216,177
Fresno	glyphosate, potassium salt	Pistachio	265,767	1,715	110,561
Fresno	glyphosate, potassium salt	Cotton	97,135	822	54,898
Fresno	glyphosate, potassium salt	Tomato, processing	59,989	248	27,823

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Fresno	glyphosate, potassium salt	Alfalfa	35,928	330	19,588
Glenn	propanil	Rice	293,144	1,069	62,062
Glenn	copper hydroxide	Walnut	157,335	1,238	43,242
Glenn	copper hydroxide	Olive	21,865	150	7,277
Glenn	copper hydroxide	Prune	2,684	9	786
Glenn	copper hydroxide	Almond	565	5	228
Glenn	copper hydroxide	Daikon	295	2	160
Glenn	copper sulfate (pentahydrate)	Rice	154,489	165	11,829
Glenn	copper sulfate (pentahydrate)	Water area	18,068	<0.01	<0.01
Glenn	copper sulfate (pentahydrate)	Uncultivated ag	3,511	9	236
Glenn	copper sulfate (pentahydrate)	Olive	3,168	1	160
Glenn	copper sulfate (pentahydrate)	Ditch bank	854	<0.01	<0.01
Glenn	mineral oil	Almond	78,560	142	10,559
Glenn	mineral oil	Rice	37,528	451	28,182
Glenn	mineral oil	Prune	9,926	24	997
Glenn	mineral oil	Rights of way	3,307	<0.01	<0.01
Glenn	mineral oil	Walnut	2,854	87	2,612
Glenn	mancozeb	Walnut	88,857	1,413	50,361
Glenn	mancozeb	Almond	38,950	123	8,469
Glenn	mancozeb	Daikon	1,169	14	802
Glenn	mancozeb	N-outdr transplants	1,035	5	115
Glenn	mancozeb	Cucumber	885	14	454
Humboldt	borax	Rights of way	12,102	<0.01	<0.01
Humboldt	borax	Structural pest control	0	<0.01	<0.01
Humboldt	methylated soybean oil*	Forest, timberland	10,167	201	4,694
Humboldt	methylated soybean oil*	Rights of way	107	<0.01	<0.01
Humboldt	metam-sodium	Rights of way	4,758	<0.01	<0.01
Humboldt	imazapyr, isopropylamine salt	Forest, timberland	3,049	217	4,435



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Humboldt	imazapyr, isopropylamine salt	N-grnhs flower	18	2	30
Humboldt	imazapyr, isopropylamine salt	Rights of way	0	<0.01	<0.01
Humboldt	triclopyr, butoxyethyl ester	Forest, timberland	2,689	74	1,378
Humboldt	triclopyr, butoxyethyl ester	Rights of way	312	<0.01	<0.01
Humboldt	triclopyr, butoxyethyl ester	Landscape maintenance	11	<0.01	<0.01
Humboldt	triclopyr, butoxyethyl ester	Pastureland	1	1	1
Humboldt	triclopyr, butoxyethyl ester	N-grnhs transplants	0	2	0
Imperial	sulfur	Sugarbeet	530,671	343	23,845
Imperial	sulfur	Bermudagrass	428,605	226	17,893
Imperial	sulfur	Alfalfa	225,133	122	10,289
Imperial	sulfur	Carrot	220,462	497	16,963
Imperial	sulfur	Grass, seed	22,316	8	759
Imperial	mineral oil	Rights of way	215,025	<0.01	<0.01
Imperial	mineral oil	Lemon	189,686	227	11,351
Imperial	mineral oil	Alfalfa	123,760	1,662	109,594
Imperial	mineral oil	Grapefruit	35,673	36	1,761
Imperial	mineral oil	Corn, human consumption	34,602	767	39,163
Imperial	1,3-dichloropropene	Carrot	402,816	78	4,299
Imperial	glyphosate, isopropylamine salt	Rights of way	322,286	<0.01	<0.01
Imperial	glyphosate, isopropylamine salt	Uncultivated ag	24,532	212	10,853
Imperial	glyphosate, isopropylamine salt	Sugarbeet	22,158	235	17,345
Imperial	glyphosate, isopropylamine salt	Bermudagrass	4,702	33	2,196
Imperial	glyphosate, isopropylamine salt	Corn (forage - fodder)	2,712	22	1,970
Imperial	pendimethalin	Alfalfa	267,756	1,888	127,662
Imperial	pendimethalin	Onion, dry	16,983	292	21,208
Imperial	pendimethalin	Corn, human consumption	8,510	129	7,086
Imperial	pendimethalin	Carrot	6,030	135	6,761

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Imperial	pendimethalin	Wheat	1,286	25	1,026
Inyo	methylated soybean oil*	Rights of way	15,325	<0.01	<0.01
Inyo	methylated soybean oil*	Alfalfa	216	4	440
Inyo	triclopyr, butoxyethyl ester	Rights of way	5,764	<0.01	<0.01
Inyo	triclopyr, butoxyethyl ester	Pastureland	6	2	4
Inyo	alpha-undecyl-omega-hydroxypoly(oxyethylene)*	Rights of way	3,692	<0.01	<0.01
Inyo	tall oil fatty acids*	Rights of way	3,286	<0.01	<0.01
Inyo	tall oil fatty acids*	Alfalfa	59	14	780
Inyo	glyphosate, isopropylamine salt	Alfalfa	1,229	9	609
Inyo	glyphosate, isopropylamine salt	Rights of way	677	<0.01	<0.01
Inyo	glyphosate, isopropylamine salt	Landscape maintenance	159	<0.01	<0.01
Inyo	glyphosate, isopropylamine salt	Pastureland	59	6	14
Kern	mineral oil	Almond	5,739,927	5,179	368,026
Kern	mineral oil	Orange	1,683,419	2,193	85,142
Kern	mineral oil	Tangerine	418,125	787	41,491
Kern	mineral oil	Pistachio	163,542	593	40,862
Kern	mineral oil	Lemon	163,317	292	10,679
Kern	sulfur	Grape	3,181,458	10,697	553,952
Kern	sulfur	Grape, wine	807,840	993	106,290
Kern	sulfur	Pistachio	721,322	817	87,719
Kern	sulfur	Almond	298,789	423	33,081
Kern	sulfur	Carrot	157,221	651	40,246
Kern	potassium n-methyldithiocarbamate	Carrot	1,513,317	70	5,344
Kern	potassium n-methyldithiocarbamate	Potato	135,148	9	639
Kern	potassium n-methyldithiocarbamate	Tomato, processing	87,002	30	1,788

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kern	potassium n-methyldithiocarbamate	Pepper, spice	40,831	4	240
Kern	potassium n-methyldithiocarbamate	Watermelon	27,915	9	422
Kern	metam-sodium	Carrot	1,326,073	110	6,845
Kern	metam-sodium	Potato	424,503	39	2,210
Kern	metam-sodium	Pepper, fruiting	101,085	15	586
Kern	metam-sodium	Tomato, processing	22,723	4	187
Kern	metam-sodium	Sweet potato	12,926	1	40
Kern	1,3-dichloropropene	Almond	346,096	40	1,093
Kern	1,3-dichloropropene	Grape	179,937	27	731
Kern	1,3-dichloropropene	Carrot	131,367	15	1,052
Kern	1,3-dichloropropene	Tangerine	114,037	9	343
Kern	1,3-dichloropropene	N-outdr plants in containers	109,801	11	331
Kings	sulfur	Tomato, processing	1,627,462	418	61,462
Kings	sulfur	Grape	199,556	553	26,674
Kings	sulfur	Pistachio	194,114	246	24,411
Kings	sulfur	Grape, wine	59,726	169	10,445
Kings	sulfur	Pomegranate	42,769	55	5,520
Kings	mineral oil	Almond	804,999	1,371	70,851
Kings	mineral oil	Peach	109,789	457	6,343
Kings	mineral oil	Plum	51,064	197	2,284
Kings	mineral oil	Nectarine	48,676	192	2,801
Kings	mineral oil	Pistachio	37,879	239	11,063
Kings	glyphosate, potassium salt	Cotton	168,803	671	122,506
Kings	glyphosate, potassium salt	Almond	65,263	606	30,685
Kings	glyphosate, potassium salt	Pistachio	55,915	536	28,045
Kings	glyphosate, potassium salt	Rights of way	52,447	17	2,090

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kings	glyphosate, potassium salt	Corn (forage - fodder)	31,360	436	19,872
Kings	potassium n-methyldithiocarbamate	Soil fumigation/preplant	416,798	36	3,706
Kings	potassium n-methyldithiocarbamate	Tomato, processing	16,527	3	49
Kings	vegetable oil*	Cotton	309,250	952	210,424
Kings	vegetable oil*	Safflower	56,150	135	34,015
Kings	vegetable oil*	Alfalfa	8,085	42	5,916
Kings	vegetable oil*	Corn (forage - fodder)	3,263	63	3,043
Kings	vegetable oil*	Tomato, processing	2,315	16	1,939
Lake	sulfur	Grape, wine	376,998	1,301	44,919
Lake	sulfur	Pear	20,489	94	1,907
Lake	sulfur	Grape	294	3	24
Lake	mineral oil	Pear	149,673	302	6,246
Lake	mineral oil	Grape, wine	67,512	398	16,388
Lake	mineral oil	Cannabis (all or unspecified)	157	8	20
Lake	mineral oil	Grape	42	1	12
Lake	mineral oil	Structural pest control	6	<0.01	<0.01
Lake	lime-sulfur	Pear	41,560	56	1,328
Lake	lime-sulfur	Grape, wine	3,878	13	129
Lake	diuron	Landscape maintenance	11,353	<0.01	<0.01
Lake	diuron	Rights of way	1,237	20	147
Lake	diuron	Pear	700	26	278
Lake	diuron	Structural pest control	84	<0.01	<0.01
Lake	diuron	Grape, wine	20	1	3
Lake	copper oxychloride	Grape, wine	7,045	171	5,711
Lake	copper oxychloride	Pear	1,932	84	1,292
Lake	copper oxychloride	Walnut	341	15	277

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Lake	copper oxychloride	Landscape maintenance	0	<0.01	<0.01
Lassen	methyl bromide	Strawberry	62,544	9	283
Lassen	methyl bromide	Soil fumigation/preplant	26,020	6	121
Lassen	chloropicrin	Strawberry	45,795	9	283
Lassen	chloropicrin	Soil fumigation/preplant	17,208	6	121
Lassen	sulfur	Strawberry	9,904	102	2,730
Lassen	glyphosate, dimethylamine salt	Forest, timberland	5,022	91	3,190
Lassen	glyphosate, dimethylamine salt	Rights of way	799	<0.01	<0.01
Lassen	methylated soybean oil*	Forest, timberland	3,383	85	2,833
Lassen	methylated soybean oil*	Rights of way	993	<0.01	<0.01
Lassen	methylated soybean oil*	Alfalfa	335	54	5,411
Lassen	methylated soybean oil*	Orchardgrass	37	3	246
Lassen	methylated soybean oil*	Pastureland	33	7	154
Los Angeles	potassium n-methylthiocarbamate	Carrot	713,392	24	2,097
Los Angeles	sulfuryl fluoride	Structural pest control	636,161	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Fumigation, other	26,292	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Pistachio	663	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Regulatory pest control	46	<0.01	<0.01
Los Angeles	sulfuryl fluoride	Landscape maintenance	1	<0.01	<0.01
Los Angeles	sodium hypochlorite	Water (industrial)	180,439	<0.01	<0.01
Los Angeles	sodium hypochlorite	Onion, dry	2,228	39	922
Los Angeles	sodium hypochlorite	Water systems - human potable/drinking	89	<0.01	<0.01
Los Angeles	sodium hypochlorite	Grape	0	6	13
Los Angeles	sodium bromide	Water (industrial)	143,221	<0.01	<0.01
Los Angeles	sodium bromide	Industrial processing water	27,868	<0.01	<0.01
Los Angeles	boric acid	Structural pest control	121,700	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Los Angeles	boric acid	Regulatory pest control	1,641	<0.01	<0.01
Los Angeles	boric acid	Rights of way	178	<0.01	<0.01
Los Angeles	boric acid	Landscape maintenance	18	<0.01	<0.01
Madera	mineral oil	Almond	2,940,128	4,235	262,476
Madera	mineral oil	Orange	123,106	282	8,834
Madera	mineral oil	Pistachio	86,183	720	39,685
Madera	mineral oil	Tangerine	85,660	145	8,948
Madera	mineral oil	Grape, wine	22,199	304	13,396
Madera	sulfur	Grape, wine	1,711,573	2,873	199,659
Madera	sulfur	Grape	1,343,500	3,262	163,915
Madera	sulfur	Almond	91,751	193	9,671
Madera	sulfur	Pistachio	83,208	165	19,820
Madera	sulfur	Tomato, processing	53,740	38	2,345
Madera	1,3-dichloropropene	Almond	314,696	29	948
Madera	1,3-dichloropropene	Grape, wine	206,551	8	625
Madera	1,3-dichloropropene	Grape	84,176	6	254
Madera	1,3-dichloropropene	Uncultivated ag	18,467	3	56
Madera	1,3-dichloropropene	Pistachio	18,437	3	56
Madera	glyphosate, potassium salt	Almond	260,166	2,955	127,685
Madera	glyphosate, potassium salt	Pistachio	105,341	1,024	46,793
Madera	glyphosate, potassium salt	Grape, wine	25,506	322	11,518
Madera	glyphosate, potassium salt	Grape	11,705	233	6,298
Madera	glyphosate, potassium salt	Corn (forage - fodder)	10,768	129	7,523
Madera	glyphosate, isopropylamine salt	Almond	167,220	2,084	113,723
Madera	glyphosate, isopropylamine salt	Pistachio	34,869	547	25,301
Madera	glyphosate, isopropylamine salt	Rights of way	34,807	15	158
Madera	glyphosate, isopropylamine salt	Grape	15,685	365	8,841
Madera	glyphosate, isopropylamine salt	Grape, wine	13,151	168	9,594

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Marin	potassium phosphite	Landscape maintenance	17,239	<0.01	<0.01
Marin	potassium phosphite	Structural pest control	953	<0.01	<0.01
Marin	potassium phosphite	N-grnhs flower	510	<0.01	<0.01
Marin	copper ethanolamine complexes, mixed	Water area	17,731	<0.01	0
Marin	copper ethanolamine complexes, mixed	Water (industrial)	21	<0.01	6
Marin	sulfuryl fluoride	Structural pest control	13,514	<0.01	<0.01
Marin	mineral oil	Landscape maintenance	2,041	1	2
Marin	mineral oil	Grape, wine	1,492	25	255
Marin	mineral oil	Public health	662	<0.01	<0.01
Marin	mineral oil	Olive	169	10	56
Marin	mineral oil	N-grnhs plants in containers	9	2	0
Marin	sulfur	Grape, wine	3,684	91	578
Marin	sulfur	Landscape maintenance	<0.01	<0.01	<0.01
Mariposa	borax	Rights of way	8,774	<0.01	<0.01
Mariposa	borax	Structural pest control	0	<0.01	<0.01
Mariposa	methylated soybean oil*	Rangeland	1,442	15	377
Mariposa	methylated soybean oil*	Landscape maintenance	1,150	<0.01	<0.01
Mariposa	methylated soybean oil*	Forest, timberland	989	17	450
Mariposa	methylated soybean oil*	Rights of way	433	<0.01	<0.01
Mariposa	methylated soybean oil*	Uncultivated ag	119	8	230
Mariposa	glyphosate, isopropylamine salt	Rights of way	1,091	<0.01	<0.01
Mariposa	glyphosate, isopropylamine salt	Landscape maintenance	1,080	<0.01	<0.01
Mariposa	glyphosate, isopropylamine salt	Rangeland	1,049	47	440
Mariposa	glyphosate, isopropylamine salt	Forest, timberland	445	13	211
Mariposa	glyphosate, isopropylamine salt	Olive	207	6	48
Mariposa	metam-sodium	Rights of way	2,910	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Mariposa	triclopyr, triethylamine salt	Rangeland	445	24	527
Mariposa	triclopyr, triethylamine salt	Rights of way	291	<0.01	<0.01
Mariposa	triclopyr, triethylamine salt	Landscape maintenance	224	<0.01	<0.01
Mariposa	triclopyr, triethylamine salt	Forest, timberland	194	15	272
Mendocino	copper ethanolamine complexes, mixed	Lumber, treated	1,443,733	<0.01	<0.01
Mendocino	sulfur	Grape, wine	479,007	2,496	66,126
Mendocino	sulfur	Pear	6,213	23	669
Mendocino	sulfur	Apple	370	10	62
Mendocino	sulfur	Cannabis (all or unspecified)	19	112	8
Mendocino	sulfur	Olive	3	2	1
Mendocino	mineral oil	Pear	96,415	95	3,975
Mendocino	mineral oil	Grape, wine	65,445	549	11,418
Mendocino	mineral oil	Apple	260	8	44
Mendocino	mineral oil	Turf/sod	128	<0.01	7
Mendocino	mineral oil	Cannabis (all or unspecified)	99	113	18
Mendocino	octhilineone	Lumber, treated	43,662	<0.01	<0.01
Mendocino	propiconazole	Lumber, treated	11,677	<0.01	<0.01
Mendocino	propiconazole	Turf/sod	7	<0.01	7
Merced	sulfur	Tomato, processing	1,012,980	502	33,361
Merced	sulfur	Grape, wine	534,510	531	56,942
Merced	sulfur	Tomato	171,324	155	7,771
Merced	sulfur	Almond	136,043	283	17,280
Merced	sulfur	Peach	39,733	308	5,951
Merced	mineral oil	Almond	1,378,992	2,892	165,595
Merced	mineral oil	Peach	53,427	149	3,094
Merced	mineral oil	Public health	40,030	<0.01	<0.01



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Merced	mineral oil	Prune	25,394	28	2,025
Merced	mineral oil	Pistachio	21,925	201	12,412
Merced	1,3-dichloropropene	Sweet potato	658,147	257	5,986
Merced	1,3-dichloropropene	Almond	431,395	58	1,331
Merced	1,3-dichloropropene	Grape, wine	122,365	5	429
Merced	1,3-dichloropropene	Carrot	22,750	2	192
Merced	1,3-dichloropropene	Tomato, processing	16,032	2	160
Merced	potassium n-methyldithiocarbamate	Sweet potato	631,167	134	2,656
Merced	potassium n-methyldithiocarbamate	Onion, green	44,235	4	198
Merced	potassium n-methyldithiocarbamate	N-outdr transplants	26,534	7	94
Merced	potassium n-methyldithiocarbamate	Onion, dry	20,019	2	90
Merced	potassium n-methyldithiocarbamate	Tomato, processing	6,741	2	60
Merced	glyphosate, potassium salt	Almond	218,487	2,502	120,862
Merced	glyphosate, potassium salt	Cotton	54,987	826	37,995
Merced	glyphosate, potassium salt	Pistachio	50,597	474	24,042
Merced	glyphosate, potassium salt	Corn (forage - fodder)	47,603	783	33,453
Merced	glyphosate, potassium salt	Grape, wine	30,443	159	8,803
Modoc	methylated soybean oil*	Forest, timberland	10,656	158	5,273
Modoc	methylated soybean oil*	Alfalfa	6,087	680	43,069
Modoc	methylated soybean oil*	Rights of way	2,821	<0.01	<0.01
Modoc	methylated soybean oil*	Potato	1,718	145	7,700
Modoc	methylated soybean oil*	Mint	883	61	3,936
Modoc	metam-sodium	Potato	22,553	4	209
Modoc	paraquat dichloride	Alfalfa	9,174	222	14,312

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Modoc	paraquat dichloride	Forage hay/silage	36	1	70
Modoc	glyphosate, potassium salt	Uncultivated ag	3,422	25	1,560
Modoc	glyphosate, potassium salt	Alfalfa	1,723	16	1,219
Modoc	glyphosate, potassium salt	Rights of way	1,465	2	245
Modoc	glyphosate, potassium salt	Onion, dry	949	15	1,007
Modoc	glyphosate, potassium salt	Wheat	422	3	182
Modoc	metribuzin	Alfalfa	7,762	246	15,388
Modoc	metribuzin	Potato	1,078	39	2,224
Modoc	metribuzin	Forage hay/silage	122	5	237
Mono	pendimethalin	Alfalfa	2,061	12	1,120
Mono	pendimethalin	Garlic	7	2	10
Mono	diuron	Alfalfa	1,472	20	1,129
Mono	diuron	Rights of way	4	<0.01	<0.01
Mono	glyphosate, isopropylamine salt	Alfalfa	1,087	8	550
Mono	glyphosate, isopropylamine salt	Rights of way	241	<0.01	<0.01
Mono	glyphosate, isopropylamine salt	Structural pest control	40	<0.01	<0.01
Mono	oleic acid, methyl ester*	Alfalfa	723	8	550
Mono	dimethoate	Alfalfa	691	12	1,355
Monterey	chloropicrin	Strawberry	2,200,735	398	8,471
Monterey	chloropicrin	Raspberry	42,434	9	181
Monterey	chloropicrin	N-outdr flower	248	1	1
Monterey	chloropicrin	Structural pest control	0	<0.01	<0.01
Monterey	sulfur	Grape, wine	593,965	5,333	145,451
Monterey	sulfur	Strawberry	244,716	1,674	51,748
Monterey	sulfur	Brussels sprout	44,929	695	8,247
Monterey	sulfur	Peas	22,708	393	4,266
Monterey	sulfur	Carrot	15,185	194	2,261
Monterey	mineral oil	Grape, wine	796,569	4,472	154,929

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Monterey	mineral oil	Lemon	62,905	54	1,820
Monterey	mineral oil	Cannabis (all or unspecified)	11,115	1,315	1,314
Monterey	mineral oil	Avocado	5,764	14	110
Monterey	mineral oil	Broccoli	5,717	511	5,329
Monterey	1,3-dichloropropene	Strawberry	581,852	283	7,439
Monterey	1,3-dichloropropene	Brussels sprout	116,266	83	1,437
Monterey	1,3-dichloropropene	Grape, wine	23,523	3	73
Monterey	1,3-dichloropropene	Raspberry	9,612	6	171
Monterey	1,3-dichloropropene	Carrot	3,914	3	42
Monterey	oleic acid, methyl ester*	Rights of way	316,102	<0.01	<0.01
Monterey	oleic acid, methyl ester*	Uncultivated ag	6,347	463	5,390
Monterey	oleic acid, methyl ester*	Lettuce, leaf	1,127	189	1,151
Monterey	oleic acid, methyl ester*	Carrot	924	53	755
Monterey	oleic acid, methyl ester*	Celery	708	119	886
Napa	sulfur	Grape, wine	1,061,292	13,023	173,151
Napa	sulfur	Olive	8	6	1
Napa	sulfur	Landscape maintenance	2	<0.01	<0.01
Napa	sulfur	Tomato	0	1	0
Napa	mineral oil	Grape, wine	117,732	3,638	35,449
Napa	mineral oil	Public health	700	<0.01	<0.01
Napa	mineral oil	Structural pest control	410	1	10
Napa	mineral oil	Landscape maintenance	316	<0.01	<0.01
Napa	mineral oil	Olive	80	13	3
Napa	glyphosate, potassium salt	Grape, wine	24,928	2,462	12,251
Napa	glyphosate, potassium salt	Landscape maintenance	701	<0.01	<0.01
Napa	glyphosate, potassium salt	Pastureland	569	3	300
Napa	glyphosate, potassium salt	Rights of way	269	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Napa	glyphosate, potassium salt	Uncultivated ag	66	9	35
Napa	kaolin	Grape, wine	22,725	300	3,249
Napa	kaolin	Olive	349	13	13
Napa	kaolin	Pear	0	2	0
Napa	kaolin	Tomato	0	2	0
Napa	2-(3-hydroxypropyl)-heptamethyl trisiloxane, ethoxylated, acetate*	Grape, wine	19,279	8,568	98,122
Napa	2-(3-hydroxypropyl)-heptamethyl trisiloxane, ethoxylated, acetate*	Rights of way	9	<0.01	<0.01
Napa	2-(3-hydroxypropyl)-heptamethyl trisiloxane, ethoxylated, acetate*	Landscape maintenance	2	13	15
Napa	2-(3-hydroxypropyl)-heptamethyl trisiloxane, ethoxylated, acetate*	Olive	1	7	3
Nevada	sulfur	Grape, wine	16,308	83	1,691
Nevada	sulfur	Grape	32	11	14
Nevada	sulfur	Cannabis (all or unspecified)	0	1	0
Nevada	glyphosate, isopropylamine salt	Rights of way	3,338	<0.01	<0.01
Nevada	glyphosate, isopropylamine salt	Landscape maintenance	1,393	<0.01	<0.01
Nevada	glyphosate, isopropylamine salt	Grape, wine	310	12	236
Nevada	glyphosate, isopropylamine salt	Pastureland	290	<0.01	520
Nevada	glyphosate, isopropylamine salt	Forest, timberland	111	1	86
Nevada	copper ethanolamine complexes, mixed	Rights of way	4,635	<0.01	<0.01
Nevada	copper ethanolamine complexes, mixed	Water area	54	10	14

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Nevada	copper ethanolamine complexes, mixed	Landscape maintenance	32	<0.01	<0.01
Nevada	endothall, dipotassium salt	Landscape maintenance	2,860	<0.01	<0.01
Nevada	copper triethanolamine complex	Rights of way	2,484	<0.01	<0.01
Nevada	copper triethanolamine complex	Water area	1	2	0
Orange	sulfuryl fluoride	Structural pest control	362,595	<0.01	<0.01
Orange	mineral oil	Public health	24,612	<0.01	<0.01
Orange	mineral oil	Avocado	10,788	27	646
Orange	mineral oil	Landscape maintenance	8,647	<0.01	<0.01
Orange	mineral oil	Rights of way	8,377	<0.01	<0.01
Orange	mineral oil	Lemon	1,515	2	55
Orange	glyphosate, isopropylamine salt	Rights of way	25,234	23	44
Orange	glyphosate, isopropylamine salt	Landscape maintenance	23,335	10	10
Orange	glyphosate, isopropylamine salt	N-outdr plants in containers	1,791	396	462
Orange	glyphosate, isopropylamine salt	Lemon	1,496	47	591
Orange	glyphosate, isopropylamine salt	Avocado	920	97	281
Orange	chloropicrin	Strawberry	49,134	11	235
Orange	chloropicrin	Tomato	486	1	2
Orange	boric acid	Structural pest control	49,510	<0.01	<0.01
Orange	boric acid	Landscape maintenance	49	<0.01	<0.01
Orange	boric acid	Rights of way	20	<0.01	<0.01
Orange	boric acid	Regulatory pest control	0	<0.01	<0.01
Placer	propanil	Rice	44,236	170	8,451
Placer	copper sulfate (pentahydrate)	Rice	37,127	49	2,937
Placer	copper sulfate (pentahydrate)	Rights of way	668	<0.01	<0.01
Placer	copper sulfate (pentahydrate)	Water area	354	1	54
Placer	copper sulfate (pentahydrate)	N-outdr plants in containers	73	4	7

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Placer	copper sulfate (pentahydrate)	Landscape maintenance	45	<0.01	<0.01
Placer	sulfur	Almond	28,668	12	3,196
Placer	sulfur	Grape, wine	1,321	84	415
Placer	sulfur	Peach	2	1	1
Placer	sulfur	Grape	0	1	0
Placer	glyphosate, isopropylamine salt	Rights of way	13,664	1	<0.01
Placer	glyphosate, isopropylamine salt	Landscape maintenance	7,454	<0.01	<0.01
Placer	glyphosate, isopropylamine salt	Forest, timberland	3,480	2	585
Placer	glyphosate, isopropylamine salt	Almond	1,919	12	824
Placer	glyphosate, isopropylamine salt	Uncultivated non-ag	269	1	151
Placer	copper hydroxide	Walnut	22,853	64	4,144
Placer	copper hydroxide	Almond	1,965	4	320
Placer	copper hydroxide	Rights of way	137	<0.01	<0.01
Placer	copper hydroxide	N-outdr plants in containers	121	43	81
Placer	copper hydroxide	Peach	118	12	32
Plumas	methylated soybean oil*	Forest, timberland	3,852	70	2,100
Plumas	methylated soybean oil*	Rights of way	1,221	2	18
Plumas	methylated soybean oil*	County ag comm	156	<0.01	<0.01
Plumas	methylated soybean oil*	Landscape maintenance	4	<0.01	<0.01
Plumas	methylated soybean oil*	Industrial site	0	<0.01	0
Plumas	glyphosate, dimethylamine salt	Forest, timberland	3,899	70	2,502
Plumas	glyphosate, dimethylamine salt	Rights of way	241	<0.01	<0.01
Plumas	glyphosate, isopropylamine salt	Rights of way	1,368	<0.01	<0.01
Plumas	glyphosate, isopropylamine salt	Pastureland	483	1	12
Plumas	glyphosate, isopropylamine salt	Uncultivated ag	480	2	320
Plumas	glyphosate, isopropylamine salt	Forage hay/silage	450	3	305
Plumas	glyphosate, isopropylamine salt	Rangeland	120	1	80

<b>County</b>	<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Acre Treated</b>
<b>Plumas</b>	paraquat dichloride	Alfalfa	1,709	5	625
<b>Plumas</b>	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Forest, timberland	685	70	2,100
<b>Plumas</b>	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Rights of way	148	<0.01	<0.01
<b>Plumas</b>	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Alfalfa	88	10	1,215
<b>Plumas</b>	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	County ag comm	29	<0.01	<0.01
<b>Plumas</b>	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Ryegrass	24	3	56
<b>Riverside</b>	metam-sodium	Pepper, fruiting	613,136	106	2,834
<b>Riverside</b>	metam-sodium	Watermelon	62,573	9	416
<b>Riverside</b>	metam-sodium	Lemon	36,724	7	165
<b>Riverside</b>	metam-sodium	Grape	13,970	3	44
<b>Riverside</b>	metam-sodium	Eggplant	12,975	5	67
<b>Riverside</b>	mineral oil	Lemon	200,495	264	10,954
<b>Riverside</b>	mineral oil	Grapefruit	51,859	138	5,034
<b>Riverside</b>	mineral oil	Grape	44,459	916	27,513
<b>Riverside</b>	mineral oil	Tangerine	33,686	36	1,532
<b>Riverside</b>	mineral oil	Alfalfa	26,944	1,182	41,175
<b>Riverside</b>	sulfur	Grape	124,874	1,521	53,005
<b>Riverside</b>	sulfur	Alfalfa	62,838	237	10,463
<b>Riverside</b>	sulfur	Pepper, fruiting	49,909	129	4,031
<b>Riverside</b>	sulfur	Carrot	41,037	198	5,908

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Riverside	sulfur	Grape, wine	17,508	337	2,415
Riverside	1,3-dichloropropene	Grape	229,290	27	696
Riverside	1,3-dichloropropene	Strawberry	4,823	2	34
Riverside	1,3-dichloropropene	Peach	4,320	1	13
Riverside	1,3-dichloropropene	Pepper, fruiting	3,590	2	27
Riverside	1,3-dichloropropene	Watermelon	3,515	1	37
Riverside	kaolin	Lemon	159,937	59	2,667
Riverside	kaolin	Tangerine	39,773	17	660
Riverside	kaolin	Mango	18,668	8	393
Riverside	kaolin	Tangelo	10,267	6	195
Riverside	kaolin	Grapefruit	5,679	5	93
Sacramento	sulfur	Grape, wine	2,572,359	3,486	212,317
Sacramento	sulfur	Pear	17,654	80	1,906
Sacramento	sulfur	Tomato, processing	7,409	3	378
Sacramento	sulfur	Cherry	3,411	21	624
Sacramento	sulfur	Almond	963	4	275
Sacramento	mineral oil	Pear	571,818	1,077	43,022
Sacramento	mineral oil	Grape, wine	42,808	569	27,261
Sacramento	mineral oil	Rice	18,258	147	10,818
Sacramento	mineral oil	Cherry	10,518	137	2,360
Sacramento	mineral oil	Public health	9,299	<0.01	<0.01
Sacramento	glyphosate, potassium salt	Grape, wine	39,696	389	13,259
Sacramento	glyphosate, potassium salt	Alfalfa	11,805	227	7,367
Sacramento	glyphosate, potassium salt	Corn, grain	11,325	238	7,350
Sacramento	glyphosate, potassium salt	Landscape maintenance	11,110	<0.01	<0.01
Sacramento	glyphosate, potassium salt	Uncultivated ag	6,531	128	4,150
Sacramento	glyphosate, isopropylamine salt	Landscape maintenance	23,922	14	560
Sacramento	glyphosate, isopropylamine salt	Grape, wine	19,350	328	8,468



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sacramento	glyphosate, isopropylamine salt	Rights of way	19,164	<0.01	<0.01
Sacramento	glyphosate, isopropylamine salt	Almond	4,264	41	1,623
Sacramento	glyphosate, isopropylamine salt	Uncultivated ag	4,043	81	3,105
Sacramento	1,3-dichloropropene	Soil fumigation/preplant	50,563	2	158
Sacramento	1,3-dichloropropene	Uncultivated ag	6,054	1	19
San Benito	potassium n-methyldithiocarbamate	Pepper, fruiting	104,914	49	455
San Benito	potassium n-methyldithiocarbamate	Uncultivated ag	20,229	3	111
San Benito	sulfur	Grape, wine	82,246	932	11,165
San Benito	sulfur	Tomato, processing	4,989	19	606
San Benito	sulfur	Kale	4,463	288	785
San Benito	sulfur	Tomato	3,149	36	283
San Benito	sulfur	Pepper, fruiting	669	38	166
San Benito	diatomaceous earth	Lettuce, leaf	47,903	586	4,099
San Benito	diatomaceous earth	Cauliflower	11,908	123	824
San Benito	diatomaceous earth	Broccoli	10,576	107	783
San Benito	diatomaceous earth	Cabbage	913	12	72
San Benito	diatomaceous earth	Lettuce, head	510	15	51
San Benito	mineral oil	Grape, wine	32,118	380	7,251
San Benito	mineral oil	Apple	2,363	10	80
San Benito	mineral oil	Apricot	1,368	17	95
San Benito	mineral oil	Cherry	710	11	377
San Benito	mineral oil	N-grnhs flower	619	8	40
San Benito	sodium hypochlorite	Ditch bank	37,923	<0.01	<0.01
San Benito	sodium hypochlorite	Landscape maintenance	140	<0.01	<0.01
San Bernardino	glyphosate, isopropylamine salt	Rights of way	62,672	<0.01	<0.01
San Bernardino	glyphosate, isopropylamine salt	Landscape maintenance	37,066	2	3
San Bernardino	glyphosate, isopropylamine salt	Alfalfa	4,144	26	2,066

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Bernardino	glyphosate, isopropylamine salt	N-outdr plants in containers	2,041	135	512
San Bernardino	glyphosate, isopropylamine salt	Corn (forage - fodder)	805	19	641
San Bernardino	disodium octaborate tetrahydrate	Landscape maintenance	85,208	<0.01	<0.01
San Bernardino	disodium octaborate tetrahydrate	Structural pest control	4,722	<0.01	<0.01
San Bernardino	disodium octaborate tetrahydrate	Rights of way	888	<0.01	<0.01
San Bernardino	sodium chlorate	Water (industrial)	51,134	<0.01	3
San Bernardino	sodium chlorate	Landscape maintenance	16,824	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Structural pest control	57,840	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Fumigation, other	196	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Regulatory pest control	143	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Commodity fumigation	57	<0.01	<0.01
San Bernardino	sulfuryl fluoride	Commercial storages or warehouses (all or unspec)	20	<0.01	<0.01
San Bernardino	boric acid	Structural pest control	35,221	<0.01	<0.01
San Bernardino	boric acid	Rights of way	87	<0.01	<0.01
San Bernardino	boric acid	Landscape maintenance	18	<0.01	<0.01
San Bernardino	boric acid	Regulatory pest control	0	<0.01	<0.01
San Diego	sulfuryl fluoride	Structural pest control	376,988	<0.01	<0.01
San Diego	mineral oil	Lemon	55,171	381	2,598
San Diego	mineral oil	Avocado	45,464	172	4,829
San Diego	mineral oil	Orange	33,455	147	2,959
San Diego	mineral oil	Grapefruit	21,686	73	1,278
San Diego	mineral oil	Landscape maintenance	14,999	<0.01	<0.01
San Diego	glyphosate, isopropylamine salt	Landscape maintenance	46,143	9	3

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Diego	glyphosate, isopropylamine salt	Rights of way	45,872	<0.01	<0.01
San Diego	glyphosate, isopropylamine salt	N-outdr plants in containers	21,749	3,048	6,298
San Diego	glyphosate, isopropylamine salt	Avocado	3,149	617	5,993
San Diego	glyphosate, isopropylamine salt	Lemon	3,131	623	1,853
San Diego	sodium chlorate	Landscape maintenance	83,069	<0.01	<0.01
San Diego	sodium chlorate	Structural pest control	0	<0.01	<0.01
San Diego	chloropicrin	Tomato	58,048	56	586
San Diego	chloropicrin	Strawberry	10,421	8	34
San Diego	chloropicrin	Raspberry	6,634	7	31
San Diego	chloropicrin	N-outdr flower	2,292	8	39
San Francisco	chlorothalonil	N-grnhs transplants	2,480	<0.01	405
San Francisco	chlorothalonil	N-grnhs flower	36	<0.01	6
San Francisco	ethofumesate	N-grnhs transplants	1,623	<0.01	449
San Francisco	potassium phosphite	Landscape maintenance	1,054	<0.01	<0.01
San Francisco	potassium phosphite	N-grnhs transplants	505	<0.01	40
San Francisco	potassium phosphite	Cannabis (all or unspecified)	6	61	2
San Francisco	disodium octaborate tetrahydrate	Structural pest control	1,419	<0.01	<0.01
San Francisco	disodium octaborate tetrahydrate	Landscape maintenance	1	<0.01	<0.01
San Francisco	disodium octaborate tetrahydrate	Industrial site	0	<0.01	29
San Francisco	boric acid	Structural pest control	1,258	<0.01	<0.01
San Francisco	boric acid	Landscape maintenance	14	<0.01	<0.01
San Francisco	boric acid	Regulatory pest control	0	<0.01	<0.01
San Joaquin	sulfur	Grape, wine	6,119,943	11,171	484,662
San Joaquin	sulfur	Tomato, processing	421,905	341	18,821

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Joaquin	sulfur	Pumpkin	64,859	45	2,232
San Joaquin	sulfur	Grape	61,418	195	5,812
San Joaquin	sulfur	Cherry	42,917	404	7,833
San Joaquin	1,3-dichloropropene	Soil fumigation/preplant	624,117	80	1,932
San Joaquin	1,3-dichloropropene	Almond	205,952	33	624
San Joaquin	1,3-dichloropropene	Walnut	138,573	9	419
San Joaquin	1,3-dichloropropene	Carrot	79,246	11	662
San Joaquin	1,3-dichloropropene	Grape	41,376	1	125
San Joaquin	mineral oil	Almond	642,204	1,654	75,141
San Joaquin	mineral oil	Cherry	131,221	1,094	18,713
San Joaquin	mineral oil	Grape, wine	45,885	1,182	34,732
San Joaquin	mineral oil	Walnut	30,960	1,323	42,280
San Joaquin	mineral oil	Apple	29,308	325	4,982
San Joaquin	potassium n-methyldithiocarbamate	Tomato, processing	181,454	35	2,553
San Joaquin	potassium n-methyldithiocarbamate	Potato	112,278	5	327
San Joaquin	potassium n-methyldithiocarbamate	Melon	32,776	6	642
San Joaquin	potassium n-methyldithiocarbamate	Pumpkin	26,524	2	235
San Joaquin	potassium n-methyldithiocarbamate	Watermelon	16,727	5	296
San Joaquin	glyphosate, isopropylamine salt	Almond	124,366	1,849	60,680
San Joaquin	glyphosate, isopropylamine salt	Walnut	41,621	1,032	23,562
San Joaquin	glyphosate, isopropylamine salt	Grape, wine	40,806	1,271	22,040
San Joaquin	glyphosate, isopropylamine salt	Rights of way	38,753	146	3,366
San Joaquin	glyphosate, isopropylamine salt	Uncultivated ag	19,840	233	9,919
San Luis Obispo	sulfur	Grape, wine	385,748	2,595	107,828

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Luis Obispo	sulfur	Strawberry	126,293	664	27,316
San Luis Obispo	sulfur	Carrot	117,823	285	20,875
San Luis Obispo	sulfur	Grape	31,554	167	5,513
San Luis Obispo	sulfur	Broccoli	2,817	81	993
San Luis Obispo	chloropicrin	Strawberry	620,639	119	3,219
San Luis Obispo	chloropicrin	Blackberry	7,094	2	29
San Luis Obispo	chloropicrin	Chinese cabbage (napa, won bok, celery cabbage)	2,502	1	10
San Luis Obispo	chloropicrin	Structural pest control	10	<0.01	<0.01
San Luis Obispo	1,3-dichloropropene	Strawberry	177,339	55	1,561
San Luis Obispo	1,3-dichloropropene	Chinese cabbage (napa, won bok, celery cabbage)	65,653	45	548
San Luis Obispo	1,3-dichloropropene	Brussels sprout	19,571	19	247
San Luis Obispo	1,3-dichloropropene	Carrot	18,309	2	154
San Luis Obispo	1,3-dichloropropene	Cauliflower	17,495	10	152
San Luis Obispo	mineral oil	Grape, wine	191,790	1,594	46,106
San Luis Obispo	mineral oil	Avocado	36,094	145	2,161
San Luis Obispo	mineral oil	Lemon	32,674	111	2,557
San Luis Obispo	mineral oil	Grape	8,194	23	671
San Luis Obispo	mineral oil	Blackberry	2,232	18	397
San Luis Obispo	metam-sodium	Strawberry	69,642	8	295
San Luis Obispo	metam-sodium	Cauliflower	30,095	17	187
San Luis Obispo	metam-sodium	Brussels sprout	11,578	7	89
San Luis Obispo	metam-sodium	Celery	3,979	2	19
San Luis Obispo	metam-sodium	Rights of way	2,595	<0.01	<0.01
San Mateo	potassium n-methylthiocarbamate	Brussels sprout	39,878	35	442

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Mateo	sulfuryl fluoride	Structural pest control	36,736	<0.01	<0.01
San Mateo	mineral oil	Public health	14,321	<0.01	<0.01
San Mateo	mineral oil	Landscape maintenance	3,702	<0.01	<0.01
San Mateo	mineral oil	N-outdr plants in containers	225	39	32
San Mateo	mineral oil	Grape, wine	150	5	21
San Mateo	mineral oil	Cannabis (all or unspecified)	107	10	8
San Mateo	potassium phosphite	Landscape maintenance	16,886	<0.01	<0.01
San Mateo	potassium phosphite	Brussels sprout	680	31	424
San Mateo	potassium phosphite	Rights of way	387	<0.01	<0.01
San Mateo	potassium phosphite	Structural pest control	0	<0.01	<0.01
San Mateo	1,3-dichloropropene	Brussels sprout	5,955	7	52
Santa Barbara	chloropicrin	Strawberry	1,592,580	244	8,270
Santa Barbara	chloropicrin	N-outdr flower	28,303	7	90
Santa Barbara	chloropicrin	Raspberry	19,438	5	98
Santa Barbara	chloropicrin	Squash	15,275	15	163
Santa Barbara	chloropicrin	Blackberry	11,685	4	68
Santa Barbara	sulfur	Grape, wine	671,765	1,926	102,079
Santa Barbara	sulfur	Strawberry	203,934	1,674	54,778
Santa Barbara	sulfur	Carrot	51,492	122	12,480
Santa Barbara	sulfur	Peas	26,785	126	1,175
Santa Barbara	sulfur	Broccoli	8,278	273	2,897
Santa Barbara	potassium n-methyldithiocarbamate	Carrot	425,597	14	1,618
Santa Barbara	potassium n-methyldithiocarbamate	Strawberry	251,939	31	989
Santa Barbara	potassium n-methyldithiocarbamate	Raspberry	17,294	2	69

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Barbara	potassium n-methyldithiocarbamate	Brussels sprout	6,930	3	42
Santa Barbara	potassium n-methyldithiocarbamate	Broccoli	6,186	2	23
Santa Barbara	1,3-dichloropropene	Strawberry	370,669	92	3,313
Santa Barbara	1,3-dichloropropene	Carrot	30,340	3	255
Santa Barbara	1,3-dichloropropene	Grape, wine	26,449	4	80
Santa Barbara	1,3-dichloropropene	Blackberry	7,421	3	65
Santa Barbara	1,3-dichloropropene	Broccoli	4,831	3	44
Santa Barbara	mineral oil	Lemon	103,473	324	4,199
Santa Barbara	mineral oil	Grape, wine	102,657	901	31,634
Santa Barbara	mineral oil	Avocado	83,894	268	5,937
Santa Barbara	mineral oil	Blackberry	23,473	309	2,814
Santa Barbara	mineral oil	Cannabis (all or unspecified)	4,039	244	386
Santa Clara	sulfuryl fluoride	Structural pest control	149,798	<0.01	<0.01
Santa Clara	potassium n-methyldithiocarbamate	Pepper, fruiting	111,963	32	468
Santa Clara	potassium n-methyldithiocarbamate	Tomato	30,902	6	108
Santa Clara	chloropicrin	Pepper, fruiting	48,630	19	361
Santa Clara	chloropicrin	Structural pest control	37	<0.01	<0.01
Santa Clara	sulfur	Grape, wine	19,095	296	3,622
Santa Clara	sulfur	Tomato	15,284	37	1,172
Santa Clara	sulfur	Tomato, processing	2,306	5	161
Santa Clara	sulfur	Bean, succulent	1,842	17	411
Santa Clara	sulfur	Pepper, fruiting	1,359	20	509
Santa Clara	1,3-dichloropropene	Pepper, fruiting	31,876	19	361
Santa Cruz	chloropicrin	Strawberry	405,155	82	1,403

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Cruz	chloropicrin	Raspberry	171,003	38	571
Santa Cruz	chloropicrin	Blackberry	7,922	8	37
Santa Cruz	chloropicrin	N-outdr plants in containers	1,218	1	4
Santa Cruz	chloropicrin	N-outdr flower	347	1	1
Santa Cruz	1,3-dichloropropene	Strawberry	99,186	56	1,276
Santa Cruz	1,3-dichloropropene	Brussels sprout	92,940	38	812
Santa Cruz	1,3-dichloropropene	Raspberry	71,023	26	553
Santa Cruz	1,3-dichloropropene	Blackberry	2,166	6	36
Santa Cruz	mineral oil	Apple	33,747	76	1,496
Santa Cruz	mineral oil	Grape, wine	11,404	223	1,540
Santa Cruz	mineral oil	Blackberry	7,576	126	1,122
Santa Cruz	mineral oil	N-grnhs flower	731	21	51
Santa Cruz	mineral oil	Landscape maintenance	669	<0.01	<0.01
Santa Cruz	sulfuryl fluoride	Structural pest control	47,264	<0.01	<0.01
Santa Cruz	lime-sulfur	Raspberry	25,049	57	760
Santa Cruz	lime-sulfur	Blackberry	11,728	93	424
Santa Cruz	lime-sulfur	Apple	6,809	17	202
Santa Cruz	lime-sulfur	Grape, wine	646	14	54
Santa Cruz	lime-sulfur	Peach	8	2	1
Shasta	methylated soybean oil*	Forest, timberland	50,573	483	21,750
Shasta	methylated soybean oil*	Rights of way	7,002	2	229
Shasta	methylated soybean oil*	Walnut	775	85	2,461
Shasta	methylated soybean oil*	Christmas tree	290	2	70
Shasta	methylated soybean oil*	Landscape maintenance	156	<0.01	<0.01
Shasta	glyphosate, dimethylamine salt	Forest, timberland	31,320	452	21,743
Shasta	glyphosate, dimethylamine salt	Rights of way	4,493	1	224
Shasta	glyphosate, dimethylamine salt	Landscape maintenance	8	<0.01	<0.01



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Shasta	glyphosate, dimethylamine salt	Pastureland	1	1	1
Shasta	methyl bromide	Soil fumigation/preplant	25,028	12	120
Shasta	chloropicrin	Soil fumigation/preplant	23,960	14	147
Shasta	copper sulfate (pentahydrate)	Rice, wild	22,997	29	1,708
Sierra	methylated soybean oil*	Forest, timberland	1,921	50	1,240
Sierra	methylated soybean oil*	Alfalfa	41	4	231
Sierra	methylated soybean oil*	Rights of way	34	<0.01	<0.01
Sierra	methylated soybean oil*	Wheat (forage - fodder)	31	1	135
Sierra	methylated soybean oil*	Industrial site	0	<0.01	0
Sierra	glyphosate, dimethylamine salt	Forest, timberland	1,752	43	1,092
Sierra	glyphosate, dimethylamine salt	Rights of way	8	<0.01	<0.01
Sierra	imazapyr, isopropylamine salt	Forest, timberland	485	38	1,099
Sierra	imazapyr, isopropylamine salt	Rights of way	15	<0.01	<0.01
Sierra	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Forest, timberland	324	47	1,206
Sierra	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Alfalfa	8	4	231
Sierra	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Wheat (forage - fodder)	6	1	135
Sierra	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Rights of way	4	<0.01	<0.01
Sierra	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Structural pest control	0	<0.01	<0.01
Sierra	glyphosate, isopropylamine salt	Wheat (forage - fodder)	169	1	135
Sierra	glyphosate, isopropylamine salt	Rights of way	58	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sierra	glyphosate, isopropylamine salt	Structural pest control	3	<0.01	<0.01
Sierra	glyphosate, isopropylamine salt	Industrial site	0	<0.01	0
Siskiyou	methyl bromide	Soil fumigation/preplant	663,032	172	2,983
Siskiyou	chloropicrin	Soil fumigation/preplant	376,081	171	2,969
Siskiyou	metam-sodium	Strawberry	40,805	11	258
Siskiyou	metam-sodium	Potato	35,258	6	256
Siskiyou	methylated soybean oil*	Forest, timberland	20,015	221	4,772
Siskiyou	methylated soybean oil*	Alfalfa	3,491	261	18,670
Siskiyou	methylated soybean oil*	Potato	1,376	59	4,088
Siskiyou	methylated soybean oil*	Onion, dry	914	92	4,560
Siskiyou	methylated soybean oil*	Barley	208	28	1,513
Siskiyou	sulfur	Strawberry	16,437	129	4,664
Siskiyou	sulfur	Raspberry	1,554	7	342
Siskiyou	sulfur	Carrot	834	3	276
Solano	sulfur	Grape, wine	306,588	1,052	29,809
Solano	sulfur	Tomato, processing	161,578	160	6,921
Solano	sulfur	Almond	46,506	23	5,119
Solano	sulfur	Tomato	9,428	7	481
Solano	sulfur	Prune	4,100	4	255
Solano	mineral oil	Landscape maintenance	292,504	<0.01	<0.01
Solano	mineral oil	Prune	25,886	13	2,289
Solano	mineral oil	Pear	20,542	35	1,808
Solano	mineral oil	Almond	18,489	61	14,086
Solano	mineral oil	Walnut	10,264	34	995
Solano	glyphosate, potassium salt	Alfalfa	26,491	318	14,566
Solano	glyphosate, potassium salt	Uncultivated ag	22,504	303	14,025
Solano	glyphosate, potassium salt	Corn, grain	16,356	11	618
Solano	glyphosate, potassium salt	Almond	13,509	172	5,909

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Solano	glyphosate, potassium salt	Walnut	7,443	207	4,891
Solano	glyphosate, isopropylamine salt	Rights of way	18,263	<0.01	<0.01
Solano	glyphosate, isopropylamine salt	Uncultivated ag	16,539	230	12,162
Solano	glyphosate, isopropylamine salt	Almond	14,545	151	7,266
Solano	glyphosate, isopropylamine salt	Walnut	11,336	166	7,836
Solano	glyphosate, isopropylamine salt	Landscape maintenance	8,218	11	87
Solano	methylated soybean oil*	Uncultivated ag	11,042	476	25,633
Solano	methylated soybean oil*	Almond	10,185	388	24,312
Solano	methylated soybean oil*	Alfalfa	5,449	378	21,141
Solano	methylated soybean oil*	Walnut	4,095	302	10,068
Solano	methylated soybean oil*	Tomato, processing	1,585	51	1,626
Sonoma	sulfur	Grape, wine	1,912,347	14,791	274,105
Sonoma	sulfur	Apple	9,133	188	1,367
Sonoma	sulfur	Uncultivated ag	358	6	35
Sonoma	sulfur	Grape	356	3	66
Sonoma	sulfur	Peach	128	4	20
Sonoma	mineral oil	Grape, wine	249,522	4,976	56,477
Sonoma	mineral oil	Apple	18,426	95	641
Sonoma	mineral oil	Landscape maintenance	2,067	<0.01	<0.01
Sonoma	mineral oil	Public health	1,234	<0.01	<0.01
Sonoma	mineral oil	Rights of way	137	<0.01	<0.01
Sonoma	glyphosate, potassium salt	Grape, wine	32,351	2,014	19,848
Sonoma	glyphosate, potassium salt	Uncultivated ag	1,238	11	1,045
Sonoma	glyphosate, potassium salt	Landscape maintenance	733	<0.01	<0.01
Sonoma	glyphosate, potassium salt	Rights of way	72	<0.01	<0.01
Sonoma	glyphosate, potassium salt	N-outdr plants in containers	62	41	53
Sonoma	sulfuryl fluoride	Structural pest control	33,843	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sonoma	1,3-dichloropropene	Grape, wine	31,318	3	94
Stanislaus	mineral oil	Almond	1,951,247	3,778	206,392
Stanislaus	mineral oil	Walnut	39,696	416	14,233
Stanislaus	mineral oil	Peach	29,907	168	2,013
Stanislaus	mineral oil	Public health	21,853	<0.01	<0.01
Stanislaus	mineral oil	Grape, wine	13,130	121	5,286
Stanislaus	1,3-dichloropropene	Almond	710,310	125	2,169
Stanislaus	1,3-dichloropropene	Sweet potato	185,510	59	1,682
Stanislaus	1,3-dichloropropene	Walnut	45,672	16	210
Stanislaus	1,3-dichloropropene	Cherry	23,086	4	74
Stanislaus	1,3-dichloropropene	Peach	5,362	3	16
Stanislaus	potassium n-methyldithiocarbamate	Lettuce, leaf	83,096	309	669
Stanislaus	potassium n-methyldithiocarbamate	Collard	69,958	218	565
Stanislaus	potassium n-methyldithiocarbamate	Bok choy	50,012	183	407
Stanislaus	potassium n-methyldithiocarbamate	Cilantro	45,670	170	371
Stanislaus	potassium n-methyldithiocarbamate	Cabbage	44,854	174	360
Stanislaus	sulfur	Grape, wine	344,627	441	30,300
Stanislaus	sulfur	Tomato, processing	117,912	82	5,868
Stanislaus	sulfur	Almond	111,935	409	19,392
Stanislaus	sulfur	Peach	27,815	217	3,870
Stanislaus	sulfur	Watermelon	7,820	6	532
Stanislaus	glyphosate, isopropylamine salt	Almond	214,557	3,141	118,454
Stanislaus	glyphosate, isopropylamine salt	Rights of way	40,783	72	536
Stanislaus	glyphosate, isopropylamine salt	Walnut	30,871	665	15,988

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Stanislaus	glyphosate, isopropylamine salt	Corn (forage - fodder)	19,139	371	13,940
Stanislaus	glyphosate, isopropylamine salt	Uncultivated ag	8,891	33	3,347
Sutter	propanil	Rice	470,368	967	88,351
Sutter	mineral oil	Prune	112,551	246	9,619
Sutter	mineral oil	Rice	111,494	743	61,204
Sutter	mineral oil	Peach	108,290	351	6,951
Sutter	mineral oil	Almond	46,514	197	6,362
Sutter	mineral oil	Walnut	8,381	616	16,292
Sutter	copper hydroxide	Walnut	203,819	1,542	48,845
Sutter	copper hydroxide	Peach	23,423	190	3,587
Sutter	copper hydroxide	Prune	7,404	26	1,997
Sutter	copper hydroxide	Almond	5,278	44	1,431
Sutter	copper hydroxide	Olive	2,804	12	574
Sutter	1,3-dichloropropene	Uncultivated ag	88,622	18	267
Sutter	1,3-dichloropropene	Walnut	70,179	10	231
Sutter	1,3-dichloropropene	Almond	36,978	5	111
Sutter	1,3-dichloropropene	Peach	28,440	9	86
Sutter	1,3-dichloropropene	Soil fumigation/preplant	10,954	1	33
Sutter	copper sulfate (pentahydrate)	Rice	219,974	216	17,012
Sutter	copper sulfate (pentahydrate)	Ditch bank	2,993	<0.01	<0.01
Sutter	copper sulfate (pentahydrate)	Rice, wild	1,821	4	165
Sutter	copper sulfate (pentahydrate)	Rights of way	250	<0.01	<0.01
Sutter	copper sulfate (pentahydrate)	Walnut	77	3	160
Tehama	1,3-dichloropropene	Uncultivated ag	146,353	10	443
Tehama	1,3-dichloropropene	Soil fumigation/preplant	134,399	8	414
Tehama	1,3-dichloropropene	Walnut	24,328	108	73
Tehama	1,3-dichloropropene	Prune	5,095	2	16
Tehama	copper hydroxide	Walnut	222,562	1,746	51,029

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tehama	copper hydroxide	Olive	10,746	80	4,183
Tehama	copper hydroxide	Almond	1,365	11	811
Tehama	copper hydroxide	Prune	1,058	21	574
Tehama	copper hydroxide	Bean, unspecified	61	1	10
Tehama	methyl bromide	Commodity fumigation	48,769	<0.01	<0.01
Tehama	methyl bromide	Soil fumigation/preplant	29,775	9	129
Tehama	methyl bromide	Structural pest control	24,575	<0.01	<0.01
Tehama	methyl bromide	Walnut	1,713	<0.01	<0.01
Tehama	methyl bromide	Fumigation, other	499	<0.01	<0.01
Tehama	mancozeb	Walnut	86,468	1,705	48,528
Tehama	mancozeb	Almond	13,504	52	3,091
Tehama	mancozeb	Landscape maintenance	1	<0.01	<0.01
Tehama	propylene oxide	Commodity fumigation	63,981	<0.01	<0.01
Tehama	propylene oxide	Structural pest control	35,163	<0.01	<0.01
Trinity	methylated soybean oil*	Forest, timberland	15,278	176	7,845
Trinity	methylated soybean oil*	Rights of way	5,163	<0.01	<0.01
Trinity	methylated soybean oil*	Unknown	335	8	133
Trinity	glyphosate, dimethylamine salt	Forest, timberland	9,800	154	7,683
Trinity	glyphosate, dimethylamine salt	Rights of way	4,152	<0.01	<0.01
Trinity	glyphosate, dimethylamine salt	Unknown	117	7	114
Trinity	oxyfluorfen	Forest, timberland	5,643	28	3,937
Trinity	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Forest, timberland	2,717	176	7,845
Trinity	alpha-(para-nonylphenyl)- omega-hydroxypoly(oxyethylene)*	Rights of way	918	<0.01	<0.01

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Trinity	alpha-(para-nonylphenyl)- omega- hydroxypoly(oxyethylene)*	Unknown	60	8	133
Trinity	imazapyr, isopropylamine salt	Forest, timberland	3,171	144	5,946
Trinity	imazapyr, isopropylamine salt	Unknown	57	7	114
Trinity	imazapyr, isopropylamine salt	N-outdr transplants	5	1	14
Tulare	mineral oil	Orange	3,430,955	11,121	208,634
Tulare	mineral oil	Almond	1,631,273	2,763	154,577
Tulare	mineral oil	Tangerine	840,072	3,325	73,675
Tulare	mineral oil	Peach	419,404	2,564	29,820
Tulare	mineral oil	Lemon	361,541	1,608	24,900
Tulare	calcium hydroxide	Orange	2,140,684	4,659	87,600
Tulare	calcium hydroxide	Tangerine	333,221	949	21,540
Tulare	calcium hydroxide	Lemon	283,771	609	9,662
Tulare	calcium hydroxide	Tangelo	49,883	151	1,861
Tulare	calcium hydroxide	Grapefruit	37,970	104	1,235
Tulare	sulfur	Grape	1,707,297	6,707	303,423
Tulare	sulfur	Grape, wine	251,098	737	35,788
Tulare	sulfur	Pistachio	172,981	341	32,796
Tulare	sulfur	Nectarine	35,961	941	11,976
Tulare	sulfur	Peach	29,636	872	10,666
Tulare	1,3-dichloropropene	Soil fumigation/preplant	687,870	139	2,116
Tulare	1,3-dichloropropene	Almond	60,102	2	184
Tulare	1,3-dichloropropene	Grape	24,895	2	75
Tulare	1,3-dichloropropene	Nectarine	3,740	1	11
Tulare	copper sulfate (basic)	Orange	352,229	3,903	73,557
Tulare	copper sulfate (basic)	Tangerine	76,750	734	17,676
Tulare	copper sulfate (basic)	Lemon	33,258	478	7,141
Tulare	copper sulfate (basic)	Grape	10,081	206	7,783

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tulare	copper sulfate (basic)	Tangelo	7,602	124	1,600
Tuolumne	glyphosate, isopropylamine salt	Forest, timberland	12,625	113	3,049
Tuolumne	glyphosate, isopropylamine salt	Rights of way	2,108	<0.01	<0.01
Tuolumne	glyphosate, isopropylamine salt	Landscape maintenance	1,858	<0.01	<0.01
Tuolumne	glyphosate, isopropylamine salt	Regulatory pest control	38	<0.01	<0.01
Tuolumne	glyphosate, isopropylamine salt	Grape	8	1	6
Tuolumne	glyphosate, dimethylamine salt	Forest, timberland	10,644	192	3,099
Tuolumne	glyphosate, dimethylamine salt	Rights of way	916	<0.01	<0.01
Tuolumne	methylated soybean oil*	Forest, timberland	8,604	241	4,153
Tuolumne	methylated soybean oil*	Landscape maintenance	1,413	<0.01	<0.01
Tuolumne	methylated soybean oil*	Rights of way	1,379	<0.01	<0.01
Tuolumne	boric acid	Structural pest control	4,139	<0.01	<0.01
Tuolumne	boric acid	Landscape maintenance	15	<0.01	<0.01
Tuolumne	glyphosate, potassium salt	Landscape maintenance	3,161	<0.01	<0.01
Tuolumne	glyphosate, potassium salt	Rights of way	403	<0.01	<0.01
Tuolumne	glyphosate, potassium salt	Pastureland	1	1	1
Ventura	mineral oil	Lemon	1,400,761	2,464	45,726
Ventura	mineral oil	Avocado	181,859	810	12,342
Ventura	mineral oil	Orange	40,353	276	2,800
Ventura	mineral oil	Tangerine	37,804	159	1,759
Ventura	mineral oil	Blackberry	36,597	457	5,609
Ventura	chloropicrin	Strawberry	1,548,988	252	9,004
Ventura	chloropicrin	Pepper, fruiting	11,178	5	173
Ventura	chloropicrin	Raspberry	9,290	6	116
Ventura	chloropicrin	N-outdr flower	6,216	10	23
Ventura	chloropicrin	Tomato	3,775	1	16
Ventura	potassium n-methyldithiocarbamate	Strawberry	425,612	37	1,702



County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Ventura	potassium n-methyldithiocarbamate	Celery	8	1	0
Ventura	1,3-dichloropropene	Strawberry	254,191	59	1,891
Ventura	1,3-dichloropropene	Pepper, fruiting	20,409	5	173
Ventura	1,3-dichloropropene	Lemon	15,933	1	48
Ventura	1,3-dichloropropene	Raspberry	6,089	6	116
Ventura	1,3-dichloropropene	Tomato	2,470	1	16
Ventura	metam-sodium	Pepper, fruiting	115,283	22	681
Ventura	metam-sodium	Strawberry	86,202	11	403
Ventura	metam-sodium	Tomato	4,474	2	26
Ventura	metam-sodium	N-outdr flower	1,330	5	8
Yolo	sulfur	Grape, wine	1,731,840	3,211	142,536
Yolo	sulfur	Tomato, processing	221,913	142	9,999
Yolo	sulfur	Tomato	28,979	39	1,492
Yolo	sulfur	Almond	11,639	18	932
Yolo	sulfur	Walnut	5,823	14	1,361
Yolo	mineral oil	Pear	53,653	233	3,604
Yolo	mineral oil	Grape, wine	50,934	452	13,414
Yolo	mineral oil	Almond	40,724	151	13,309
Yolo	mineral oil	Rice	19,741	118	10,638
Yolo	mineral oil	Apple	13,186	116	1,686
Yolo	glyphosate, isopropylamine salt	Uncultivated ag	46,515	389	28,791
Yolo	glyphosate, isopropylamine salt	Almond	23,793	314	13,959
Yolo	glyphosate, isopropylamine salt	Rights of way	13,698	1	50
Yolo	glyphosate, isopropylamine salt	Grape, wine	12,356	277	6,611
Yolo	glyphosate, isopropylamine salt	Tomato, processing	11,174	78	5,543
Yolo	glyphosate, potassium salt	Almond	49,905	339	22,982
Yolo	glyphosate, potassium salt	Uncultivated ag	25,595	246	14,100

County	Chemical	Commodity or Site	Pounds Applied	Apps	Acre Treated
Yolo	glyphosate, potassium salt	Alfalfa	15,001	153	8,389
Yolo	glyphosate, potassium salt	Walnut	13,836	227	5,943
Yolo	glyphosate, potassium salt	Grape, wine	9,718	350	6,167
Yolo	propanil	Rice	91,953	180	16,795
Yuba	mineral oil	Prune	80,524	149	6,729
Yuba	mineral oil	Peach	40,119	100	2,283
Yuba	mineral oil	Rice	33,297	339	18,955
Yuba	mineral oil	Kiwi fruit fuzzy	15,279	421	2,706
Yuba	mineral oil	Pear	10,591	12	368
Yuba	propanil	Rice	145,257	433	27,680
Yuba	1,3-dichloropropene	Soil fumigation/preplant	116,078	11	350
Yuba	1,3-dichloropropene	Peach	14,207	3	43
Yuba	1,3-dichloropropene	Walnut	12,514	2	38
Yuba	copper hydroxide	Walnut	101,232	694	26,675
Yuba	copper hydroxide	Peach	5,422	41	858
Yuba	copper hydroxide	Prune	4,841	13	1,397
Yuba	copper hydroxide	Almond	521	3	219
Yuba	copper hydroxide	Rights of way	382	<0.01	<0.01
Yuba	copper sulfate (pentahydrate)	Rice	76,688	127	5,592
Yuba	copper sulfate (pentahydrate)	Rights of way	2,125	<0.01	<0.01
Yuba	copper sulfate (pentahydrate)	Rice, wild	1,140	3	89