

The Top Five Commodities by Pounds in each County in 2020 and the Top Five Chemicals used

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The ranking of commodities (sites) and chemicals is determined by total pounds of chemical used. Note that there may be less than five chemicals associated with a commodity or site in some cases. Acres treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres. Cumulative acres treated totals include pesticide use reports (PURs) with unit treated equal to acres (A) or square feet (S), the latter of which was converted to acres. PURs with volume (cubic feet, etc.), weight (tons, lbs, etc.), or miscellaneous units (bins, holes, etc.) are not included in the acres treated totals. Most nonagricultural PURs are not required to report acres treated, so the acres treated totals are predominantly agricultural pesticide uses. Application counts (Apps) include only agricultural pesticide uses. A zero under Apps or Acre Treated therefore means all use was nonagricultural. Values are rounded. Chemical names that end with an " * " are adjuvants. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Alameda	Structural pest control	sulfuryl fluoride	54,580	<0.01	<0.01
Alameda	Structural pest control	disodium octaborate tetrahydrate	7,695	<0.01	<0.01
Alameda	Structural pest control	boric acid	6,117	<0.01	<0.01
Alameda	Structural pest control	limonene	1,353	<0.01	<0.01
Alameda	Structural pest control	permethrin	1,197	<0.01	<0.01
Alameda	Grape, wine	sulfur	26,673	495	6,106
Alameda	Grape, wine	mineral oil	6,686	204	1,562
Alameda	Grape, wine	glyphosate, isopropylamine salt	2,062	244	1,369
Alameda	Grape, wine	glufosinate-ammonium	1,506	273	1,251
Alameda	Grape, wine	hydrogen peroxide	1,505	331	2,574
Alameda	Landscape maintenance	glyphosate, isopropylamine salt	7,735	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Alameda	Landscape maintenance	triclopyr, butoxyethyl ester	3,959	<0.01	<0.01
Alameda	Landscape maintenance	glyphosate, potassium salt	3,726	<0.01	<0.01
Alameda	Landscape maintenance	calcium hypochlorite	3,206	<0.01	<0.01
Alameda	Landscape maintenance	potassium phosphite	2,818	<0.01	<0.01
Alameda	Rights of way	glyphosate, isopropylamine salt	8,090	<0.01	<0.01
Alameda	Rights of way	dichlobenil	3,553	<0.01	<0.01
Alameda	Rights of way	glyphosate, dimethylamine salt	3,363	<0.01	<0.01
Alameda	Rights of way	metam-sodium	2,261	<0.01	<0.01
Alameda	Rights of way	lecithin*	1,933	<0.01	<0.01
Alameda	Water (industrial)	sodium chlorate	17,050	<0.01	1
Alameda	Water (industrial)	glutaraldehyde	2,205	<0.01	8
Alameda	Water (industrial)	sodium hypochlorite	2,025	<0.01	31
Alameda	Water (industrial)	sodium bromide	1,344	<0.01	25
Alameda	Water (industrial)	2,2-dibromo-3-nitrilopropionamide	1,338	<0.01	3
Alpine	Landscape maintenance	carbaryl	1,030	<0.01	<0.01
Alpine	Landscape maintenance	lecithin*	67	<0.01	<0.01
Alpine	Landscape maintenance	methylated soybean oil*	34	<0.01	<0.01
Alpine	Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)*	34	<0.01	<0.01
Alpine	Landscape maintenance	glyphosate, isopropylamine salt	3	<0.01	<0.01
Alpine	Structural pest control	mineral oil	392	<0.01	<0.01
Alpine	Structural pest control	bifenthrin	2	<0.01	<0.01
Alpine	Structural pest control	permethrin	2	<0.01	<0.01
Alpine	Structural pest control	lambda-cyhalothrin	1	<0.01	<0.01
Alpine	Structural pest control	fipronil	1	<0.01	<0.01
Alpine	Alfalfa	fatty acids, methyl esters	120	2	140

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Alpine	Alfalfa	fatty acids, c16-c18 and c18-unsaturated, methyl esters*	31	2	140
Alpine	Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	28	2	140
Alpine	Alfalfa	imazethapyr, ammonium salt	14	2	140
Alpine	Alfalfa	flupyradifurone	13	1	70
Alpine	Rights of way	sodium dichloro-s-triazinetrione	45	<0.01	<0.01
Alpine	Rights of way	glyphosate, isopropylamine salt	30	<0.01	<0.01
Alpine	Rights of way	aminocyclopyrachlor, potassium salt	4	<0.01	<0.01
Alpine	Rights of way	sodium bromide	4	<0.01	<0.01
Alpine	Rights of way	indaziflam	0	<0.01	<0.01
Alpine	Regulatory pest control	methylated fatty acids from canola oil*	14	<0.01	<0.01
Alpine	Regulatory pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	5	<0.01	<0.01
Alpine	Regulatory pest control	imazapyr, isopropylamine salt	2	<0.01	<0.01
Alpine	Regulatory pest control	polyalkene oxide modified heptamethyl trisiloxane*	2	<0.01	<0.01
Alpine	Regulatory pest control	diethylene glycol*	2	<0.01	<0.01
Amador	Grape, wine	sulfur	75,388	925	10,671
Amador	Grape, wine	mineral oil	4,453	206	2,559
Amador	Grape, wine	glyphosate, isopropylamine salt	1,333	148	935
Amador	Grape, wine	glyphosate, potassium salt	702	70	469
Amador	Grape, wine	ammonium sulfate	616	93	849
Amador	Rights of way	glyphosate, isopropylamine salt	3,265	1	3
Amador	Rights of way	methylated soybean oil*	1,181	<0.01	<0.01
Amador	Rights of way	borax	623	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Amador	Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	335	<0.01	<0.01
Amador	Rights of way	metam-sodium	319	<0.01	<0.01
Amador	Forest, timberland	methylated soybean oil*	1,445	27	373
Amador	Forest, timberland	glyphosate, dimethylamine salt	1,174	27	373
Amador	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	254	27	373
Amador	Forest, timberland	imazapyr, isopropylamine salt	43	5	100
Amador	Forest, timberland	triclopyr, triethylamine salt	34	1	20
Amador	Alfalfa	glyphosate, potassium salt	1,267	14	668
Amador	Alfalfa	dimethoate	296	12	592
Amador	Alfalfa	pendimethalin	250	3	126
Amador	Alfalfa	ammonium sulfate	153	13	646
Amador	Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	123	33	1,608
Amador	Landscape maintenance	fluridone	N/A	<0.01	<0.01
Amador	Landscape maintenance	glyphosate, isopropylamine salt	490	1	2
Amador	Landscape maintenance	methylated soybean oil*	328	<0.01	<0.01
Amador	Landscape maintenance	glyphosate, potassium salt	285	<0.01	<0.01
Amador	Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	179	1	2
Butte	Rice	copper sulfate (pentahydrate)	484,268	442	34,533
Butte	Rice	propanil	455,173	1,193	95,372
Butte	Rice	mineral oil	152,980	1,189	93,054
Butte	Rice	thiobencarb	108,325	334	31,565

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Butte	Rice	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	21,092	1,042	81,481
Butte	Walnut	copper hydroxide	364,118	2,186	92,632
Butte	Walnut	mancozeb	179,471	2,382	102,148
Butte	Walnut	kaolin	78,245	124	2,135
Butte	Walnut	glyphosate, potassium salt	73,866	1,197	32,801
Butte	Walnut	1,3-dichloropropene	70,773	32	213
Butte	Almond	ziram	80,195	320	13,196
Butte	Almond	glyphosate, potassium salt	43,129	562	20,280
Butte	Almond	mineral oil	39,268	163	5,814
Butte	Almond	methylated soybean oil*	22,294	1,271	46,575
Butte	Almond	glyphosate, isopropylamine salt	21,702	454	13,700
Butte	Prune	mineral oil	32,649	93	3,725
Butte	Prune	glyphosate, potassium salt	10,006	129	4,406
Butte	Prune	chlorothalonil	4,971	41	2,072
Butte	Prune	captan	4,748	35	1,646
Butte	Prune	copper hydroxide	3,738	15	911
Butte	Rights of way	glyphosate, isopropylamine salt	21,878	9	167
Butte	Rights of way	borax	10,419	<0.01	<0.01
Butte	Rights of way	glyphosate, dimethylamine salt	6,665	<0.01	<0.01
Butte	Rights of way	metam-sodium	4,828	<0.01	<0.01
Butte	Rights of way	glyphosate, potassium salt	2,864	5	296
Calaveras	Forest, timberland	glyphosate, dimethylamine salt	8,657	166	2,580
Calaveras	Forest, timberland	methylated soybean oil*	7,288	177	2,792
Calaveras	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	1,504	247	3,791
Calaveras	Forest, timberland	glyphosate, isopropylamine salt	761	14	251
Calaveras	Forest, timberland	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)*	213	70	1,000

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Calaveras	Grape, wine	qst 713 strain of dried bacillus subtilis	N/A	<0.01	6
Calaveras	Grape, wine	sulfur	10,558	185	2,057
Calaveras	Grape, wine	mineral oil	662	81	845
Calaveras	Grape, wine	copper hydroxide	383	33	404
Calaveras	Grape, wine	glyphosate, potassium salt	354	40	165
Calaveras	Landscape maintenance	glyphosate, potassium salt	3,338	<0.01	<0.01
Calaveras	Landscape maintenance	methylated soybean oil*	1,278	<0.01	<0.01
Calaveras	Landscape maintenance	glyphosate, isopropylamine salt	1,258	<0.01	<0.01
Calaveras	Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	747	<0.01	<0.01
Calaveras	Landscape maintenance	ammonium sulfate	725	<0.01	<0.01
Calaveras	Rights of way	glyphosate, isopropylamine salt	3,861	1	10
Calaveras	Rights of way	methylated soybean oil*	877	3	14
Calaveras	Rights of way	glyphosate, dimethylamine salt	614	<0.01	<0.01
Calaveras	Rights of way	borax	396	<0.01	<0.01
Calaveras	Rights of way	oxyfluorfen	385	<0.01	<0.01
Calaveras	Animal premise	boric acid	5,952	<0.01	8
Calaveras	Animal premise	imidacloprid	59	<0.01	5
Calaveras	Animal premise	permethrin	59	<0.01	5
Calaveras	Animal premise	hydrogen peroxide	33	<0.01	5
Calaveras	Animal premise	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	18	<0.01	11
Colusa	Rice	propanil	500,294	1,401	98,874
Colusa	Rice	thiobencarb	175,625	673	52,387
Colusa	Rice	copper sulfate (pentahydrate)	103,826	132	8,647
Colusa	Rice	mineral oil	50,674	413	30,546
Colusa	Rice	methylated soybean oil*	40,122	1,101	79,614
Colusa	Almond	mineral oil	147,652	416	31,811
Colusa	Almond	chlorothalonil	113,388	641	42,060
Colusa	Almond	glyphosate, potassium salt	111,331	942	49,225
Colusa	Almond	mancozeb	43,821	63	9,140

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Colusa	Almond	methylated soybean oil*	34,020	1,152	48,244
Colusa	Walnut	copper sulfate (pentahydrate)	147,795	90	6,308
Colusa	Walnut	kaolin	95,628	73	2,813
Colusa	Walnut	copper hydroxide	62,086	384	21,904
Colusa	Walnut	mancozeb	46,934	463	26,613
Colusa	Walnut	glyphosate, potassium salt	26,789	306	11,276
Colusa	Tomato, processing	sulfur	101,429	110	6,817
Colusa	Tomato, processing	kaolin	49,959	29	1,644
Colusa	Tomato, processing	s-metolachlor	16,310	142	9,109
Colusa	Tomato, processing	glyphosate, potassium salt	14,168	83	5,807
Colusa	Tomato, processing	chlorothalonil	12,705	106	6,725
Colusa	Grape, wine	1,3-dichloropropene	67,350	4	203
Colusa	Grape, wine	sulfur	41,162	58	4,336
Colusa	Grape, wine	mineral oil	5,006	27	1,216
Colusa	Grape, wine	glyphosate, isopropylamine salt	2,581	27	930
Colusa	Grape, wine	glufosinate-ammonium	1,317	46	1,343
Contra Costa	Landscape maintenance	copper sulfate (pentahydrate)	32,758	<0.01	<0.01
Contra Costa	Landscape maintenance	endothall, dipotassium salt	27,494	<0.01	<0.01
Contra Costa	Landscape maintenance	glyphosate, isopropylamine salt	9,816	<0.01	<0.01
Contra Costa	Landscape maintenance	mineral oil	2,807	<0.01	<0.01
Contra Costa	Landscape maintenance	chlorothalonil	2,563	<0.01	<0.01
Contra Costa	Grape, wine	sulfur	71,977	446	5,662
Contra Costa	Grape, wine	mineral oil	2,252	202	1,489
Contra Costa	Grape, wine	lime-sulfur	1,565	9	274
Contra Costa	Grape, wine	glyphosate, potassium salt	1,154	64	564
Contra Costa	Grape, wine	emulsifiable methylated vegetable oil*	1,061	82	1,156

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Contra Costa	Tomato, processing	sulfur	35,388	71	2,989
Contra Costa	Tomato, processing	s-metolachlor	2,853	73	2,044
Contra Costa	Tomato, processing	glyphosate, potassium salt	1,896	27	900
Contra Costa	Tomato, processing	carbaryl	1,527	43	1,963
Contra Costa	Tomato, processing	chlorothalonil	1,492	20	900
Contra Costa	Rights of way	glyphosate, dimethylamine salt	6,846	<0.01	<0.01
Contra Costa	Rights of way	glyphosate, isopropylamine salt	6,107	<0.01	<0.01
Contra Costa	Rights of way	acrolein	5,170	<0.01	<0.01
Contra Costa	Rights of way	copper ethanolamine complexes, mixed	4,838	<0.01	<0.01
Contra Costa	Rights of way	endothall, mono [n,n-dimethyl alkylamine] salt	2,492	<0.01	<0.01
Contra Costa	Structural pest control	sulfuryl fluoride	11,507	<0.01	<0.01
Contra Costa	Structural pest control	boric acid	8,984	<0.01	<0.01
Contra Costa	Structural pest control	disodium octaborate tetrahydrate	3,295	<0.01	<0.01
Contra Costa	Structural pest control	bifenthrin	2,430	<0.01	<0.01
Contra Costa	Structural pest control	fipronil	770	<0.01	<0.01
Del Norte	Soil fumigation/preplant	1,3-dichloropropene	192,815	69	709
Del Norte	Soil fumigation/preplant	metam-sodium	72,758	53	248
Del Norte	Soil fumigation/preplant	permethrin	2	1	8
Del Norte	N-outdr flower	copper hydroxide	10,681	865	7,147
Del Norte	N-outdr flower	chlorothalonil	3,208	461	4,090
Del Norte	N-outdr flower	diuron	1,438	111	994
Del Norte	N-outdr flower	phorate	1,437	108	302
Del Norte	N-outdr flower	ethoprop	1,082	108	287

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Del Norte	Forest, timberland	triclopyr, butoxyethyl ester	458	13	306
Del Norte	Forest, timberland	methylated soybean oil*	139	13	306
Del Norte	Forest, timberland	imazapyr, isopropylamine salt	60	16	321
Del Norte	Forest, timberland	clopyralid, monoethanolamine salt	34	10	234
Del Norte	Forest, timberland	sulfometuron-methyl	17	11	259
Del Norte	Rights of way	glyphosate, potassium salt	124	<0.01	<0.01
Del Norte	Rights of way	methylated soybean oil*	47	<0.01	<0.01
Del Norte	Rights of way	soybean oil	41	<0.01	<0.01
Del Norte	Rights of way	triclopyr, butoxyethyl ester	39	<0.01	<0.01
Del Norte	Rights of way	glyphosate, isopropylamine salt	17	<0.01	<0.01
Del Norte	N-grnhs plants in containers	daminozide	84	84	8
Del Norte	N-grnhs plants in containers	thiophanate-methyl	50	33	29
Del Norte	N-grnhs plants in containers	glyphosate, isopropylamine salt	42	20	16
Del Norte	N-grnhs plants in containers	acephate	11	14	6
Del Norte	N-grnhs plants in containers	pcnb	5	3	3
El Dorado	Forest, timberland	glyphosate, dimethylamine salt	34,544	465	6,575
El Dorado	Forest, timberland	methylated soybean oil*	28,081	315	4,927
El Dorado	Forest, timberland	oleic acid, methyl ester*	22,660	350	3,843
El Dorado	Forest, timberland	glyphosate, isopropylamine salt	13,344	182	2,048
El Dorado	Forest, timberland	clopyralid, monoethanolamine salt	5,120	383	5,165
El Dorado	Grape, wine	mineral oil	21,390	405	3,641
El Dorado	Grape, wine	sulfur	21,164	646	5,713
El Dorado	Grape, wine	kaolin	2,161	9	87
El Dorado	Grape, wine	glyphosate, isopropylamine salt	1,343	138	972
El Dorado	Grape, wine	glyphosate, potassium salt	951	53	421
El Dorado	Rights of way	glyphosate, isopropylamine salt	5,832	5	19
El Dorado	Rights of way	borax	5,065	<0.01	<0.01
El Dorado	Rights of way	methylated soybean oil*	3,802	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
El Dorado	Rights of way	metam-sodium	3,116	<0.01	<0.01
El Dorado	Rights of way	glyphosate, dimethylamine salt	2,274	<0.01	<0.01
El Dorado	Apple	mineral oil	11,122	180	1,043
El Dorado	Apple	mancozeb	1,760	57	398
El Dorado	Apple	petroleum oil, unclassified	241	7	12
El Dorado	Apple	glyphosate, isopropylamine salt	205	24	138
El Dorado	Apple	captan	163	8	81
El Dorado	Landscape maintenance	glyphosate, isopropylamine salt	3,653	2	2
El Dorado	Landscape maintenance	chlorothalonil	1,388	<0.01	<0.01
El Dorado	Landscape maintenance	glufosinate-ammonium	1,305	<0.01	<0.01
El Dorado	Landscape maintenance	potassium phosphite	496	<0.01	<0.01
El Dorado	Landscape maintenance	oxyfluorfen	413	<0.01	<0.01
Fresno	Almond	mineral oil	6,681,978	7,906	489,123
Fresno	Almond	1,3-dichloropropene	908,896	129	2,777
Fresno	Almond	sulfur	509,404	412	37,379
Fresno	Almond	glyphosate, potassium salt	439,122	4,261	216,177
Fresno	Almond	glyphosate, isopropylamine salt	249,465	2,925	126,683
Fresno	Tomato, processing	sulfur	3,212,127	1,054	131,980
Fresno	Tomato, processing	potassium n-methyldithiocarbamate	1,294,744	179	5,170
Fresno	Tomato, processing	metam-sodium	356,793	41	1,755
Fresno	Tomato, processing	glyphosate, isopropylamine salt	79,484	217	27,011
Fresno	Tomato, processing	glyphosate, potassium salt	59,989	248	27,823
Fresno	Grape	sulfur	3,658,887	16,246	541,468
Fresno	Grape	1,3-dichloropropene	132,418	25	404
Fresno	Grape	cryolite	78,746	446	15,012
Fresno	Grape	lime-sulfur	54,439	186	5,838
Fresno	Grape	mineral oil	52,412	816	21,375

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Fresno	Grape, wine	sulfur	1,847,812	3,076	251,741
Fresno	Grape, wine	mineral oil	73,357	414	29,070
Fresno	Grape, wine	copper hydroxide	32,803	535	49,119
Fresno	Grape, wine	glyphosate, potassium salt	31,321	327	17,516
Fresno	Grape, wine	glufosinate-ammonium	31,097	782	31,296
Fresno	Pistachio	sulfur	325,960	490	73,756
Fresno	Pistachio	glyphosate, potassium salt	265,767	1,715	110,561
Fresno	Pistachio	mineral oil	206,844	1,173	81,018
Fresno	Pistachio	glyphosate, isopropylamine salt	128,649	1,074	60,197
Fresno	Pistachio	glufosinate-ammonium	77,997	1,487	72,263
Glenn	Almond	glyphosate, potassium salt	84,510	461	36,061
Glenn	Almond	ziram	79,759	187	13,310
Glenn	Almond	mineral oil	78,560	142	10,559
Glenn	Almond	glyphosate, isopropylamine salt	56,394	571	27,119
Glenn	Almond	chlorothalonil	42,338	200	14,560
Glenn	Rice	propanil	293,144	1,069	62,062
Glenn	Rice	copper sulfate (pentahydrate)	154,489	165	11,829
Glenn	Rice	thiobencarb	73,605	321	21,384
Glenn	Rice	mineral oil	37,528	451	28,182
Glenn	Rice	methylated soybean oil*	35,016	1,045	59,687
Glenn	Walnut	copper hydroxide	157,335	1,238	43,242
Glenn	Walnut	mancozeb	88,857	1,413	50,361
Glenn	Walnut	kaolin	62,219	85	1,832
Glenn	Walnut	glyphosate, isopropylamine salt	36,022	716	19,285
Glenn	Walnut	potassium phosphite	28,077	295	10,723
Glenn	Uncultivated ag	1,3-dichloropropene	53,020	4	160
Glenn	Uncultivated ag	glyphosate, potassium salt	8,137	63	3,649
Glenn	Uncultivated ag	glyphosate, isopropylamine salt	4,131	72	2,379
Glenn	Uncultivated ag	copper sulfate (pentahydrate)	3,511	9	236
Glenn	Uncultivated ag	kaolin	2,375	1	100
Glenn	Rights of way	glyphosate, isopropylamine salt	21,070	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Glenn	Rights of way	endothall, dipotassium salt	18,779	<0.01	<0.01
Glenn	Rights of way	mineral oil	3,307	<0.01	<0.01
Glenn	Rights of way	triclopyr, triethylamine salt	3,047	<0.01	<0.01
Glenn	Rights of way	glyphosate, potassium salt	3,003	7	70
Humboldt	Forest, timberland	methylated soybean oil*	10,167	201	4,694
Humboldt	Forest, timberland	imazapyr, isopropylamine salt	3,049	217	4,435
Humboldt	Forest, timberland	triclopyr, butoxyethyl ester	2,689	74	1,378
Humboldt	Forest, timberland	glyphosate, dimethylamine salt	1,029	33	713
Humboldt	Forest, timberland	glyphosate, isopropylamine salt	937	35	768
Humboldt	Rights of way	borax	12,102	<0.01	<0.01
Humboldt	Rights of way	metam-sodium	4,758	<0.01	<0.01
Humboldt	Rights of way	copper hydroxide	862	<0.01	<0.01
Humboldt	Rights of way	triclopyr, butoxyethyl ester	312	<0.01	<0.01
Humboldt	Rights of way	methylated soybean oil*	107	<0.01	<0.01
Humboldt	Structural pest control	disodium octaborate tetrahydrate	1,361	<0.01	<0.01
Humboldt	Structural pest control	sulfuryl fluoride	1,282	<0.01	<0.01
Humboldt	Structural pest control	boric acid	189	<0.01	<0.01
Humboldt	Structural pest control	bifenthrin	140	<0.01	<0.01
Humboldt	Structural pest control	fipronil	125	<0.01	<0.01
Humboldt	N-grnhs flower	chlorothalonil	655	244	338
Humboldt	N-grnhs flower	iprodione	233	312	466
Humboldt	N-grnhs flower	fenhexamid	231	475	619
Humboldt	N-grnhs flower	pcnb	167	<0.01	9
Humboldt	N-grnhs flower	captan	58	41	61
Humboldt	Cannabis (all or unspecified)	sulfur	277	97	11
Humboldt	Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	231	158	13
Humboldt	Cannabis (all or unspecified)	potash soap	148	65	6

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Humboldt	Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	67	259	17
Humboldt	Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	56	39	1
Imperial	Alfalfa	pendimethalin	267,756	1,888	127,662
Imperial	Alfalfa	sulfur	225,133	122	10,289
Imperial	Alfalfa	mineral oil	123,760	1,662	109,594
Imperial	Alfalfa	eptc	80,917	532	35,460
Imperial	Alfalfa	trifluralin	71,198	485	36,920
Imperial	Rights of way	glyphosate, isopropylamine salt	322,286	<0.01	<0.01
Imperial	Rights of way	mineral oil	215,025	<0.01	<0.01
Imperial	Rights of way	petroleum oil, paraffin based	147,382	<0.01	<0.01
Imperial	Rights of way	triclopyr, triethylamine salt	125,413	<0.01	<0.01
Imperial	Rights of way	glyphosate, potassium salt	41,323	<0.01	<0.01
Imperial	Sugarbeet	sulfur	530,671	343	23,845
Imperial	Sugarbeet	glyphosate, potassium salt	52,095	429	32,321
Imperial	Sugarbeet	glyphosate, isopropylamine salt	22,158	235	17,345
Imperial	Sugarbeet	carbaryl	18,077	195	14,378
Imperial	Sugarbeet	mineral oil	14,468	249	18,217
Imperial	Carrot	1,3-dichloropropene	402,816	78	4,299
Imperial	Carrot	sulfur	220,462	497	16,963
Imperial	Carrot	linuron	7,766	215	10,775
Imperial	Carrot	mineral oil	6,310	202	10,373
Imperial	Carrot	pendimethalin	6,030	135	6,761
Imperial	Bermudagrass	sulfur	428,605	226	17,893
Imperial	Bermudagrass	2,4-d, dimethylamine salt	37,269	339	22,891
Imperial	Bermudagrass	trifluralin	32,583	239	17,686
Imperial	Bermudagrass	mineral oil	13,661	263	16,007
Imperial	Bermudagrass	glyphosate, potassium salt	12,432	59	3,339
Inyo	Rights of way	methylated soybean oil*	15,325	<0.01	<0.01
Inyo	Rights of way	triclopyr, butoxyethyl ester	5,764	<0.01	<0.01
Inyo	Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)*	3,692	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Inyo	Rights of way	tall oil fatty acids*	3,286	<0.01	<0.01
Inyo	Rights of way	glyphosate, isopropylamine salt	677	<0.01	<0.01
Inyo	Alfalfa	glyphosate, isopropylamine salt	1,229	9	609
Inyo	Alfalfa	pendimethalin	758	4	400
Inyo	Alfalfa	paraquat dichloride	370	13	720
Inyo	Alfalfa	hexazinone	259	13	720
Inyo	Alfalfa	methylated soybean oil*	216	4	440
Inyo	Landscape maintenance	glyphosate, isopropylamine salt	159	<0.01	<0.01
Inyo	Landscape maintenance	polymerized pinene*	138	<0.01	<0.01
Inyo	Landscape maintenance	mineral oil	49	<0.01	<0.01
Inyo	Landscape maintenance	ammonium sulfate	26	<0.01	<0.01
Inyo	Landscape maintenance	glufosinate-ammonium	19	<0.01	<0.01
Inyo	Structural pest control	sulfuryl fluoride	100	<0.01	<0.01
Inyo	Structural pest control	permethrin	24	<0.01	<0.01
Inyo	Structural pest control	cypermethrin	22	<0.01	<0.01
Inyo	Structural pest control	disodium octaborate tetrahydrate	20	<0.01	<0.01
Inyo	Structural pest control	bifenthrin	14	<0.01	<0.01
Inyo	N-grnhs flower	ethephon	70	<0.01	21
Inyo	N-grnhs flower	chlorothalonil	30	<0.01	3
Inyo	N-grnhs flower	2,4-d, dimethylamine salt	27	<0.01	14
Inyo	N-grnhs flower	trinexapac-ethyl	21	<0.01	148
Inyo	N-grnhs flower	imidacloprid	16	<0.01	39
Kern	Almond	mineral oil	5,739,927	5,179	368,026
Kern	Almond	glyphosate, potassium salt	505,135	4,736	242,003
Kern	Almond	1,3-dichloropropene	346,096	40	1,093
Kern	Almond	sulfur	298,789	423	33,081
Kern	Almond	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	207,187	6,940	477,368

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Kern	Grape	sulfur	3,181,458	10,697	553,952
Kern	Grape	lime-sulfur	334,846	448	17,859
Kern	Grape	hydrogen cyanamide	215,145	316	17,677
Kern	Grape	1,3-dichloropropene	179,937	27	731
Kern	Grape	copper oxychloride	131,852	1,123	55,069
Kern	Carrot	potassium n-methyldithiocarbamate	1,513,317	70	5,344
Kern	Carrot	metam-sodium	1,326,073	110	6,845
Kern	Carrot	sulfur	157,221	651	40,246
Kern	Carrot	1,3-dichloropropene	131,367	15	1,052
Kern	Carrot	linuron	17,801	397	24,230
Kern	Orange	mineral oil	1,683,419	2,193	85,142
Kern	Orange	calcium hydroxide	608,843	650	26,143
Kern	Orange	cryolite	76,398	206	6,968
Kern	Orange	copper sulfate (basic)	72,365	447	16,387
Kern	Orange	kaolin	36,283	38	957
Kern	Pistachio	sulfur	721,322	817	87,719
Kern	Pistachio	glyphosate, potassium salt	245,015	2,245	115,989
Kern	Pistachio	mineral oil	163,542	593	40,862
Kern	Pistachio	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	128,707	3,146	286,176
Kern	Pistachio	pendimethalin	79,031	488	24,136
Kings	Tomato, processing	sulfur	1,627,462	418	61,462
Kings	Tomato, processing	chlorothalonil	47,432	156	23,449
Kings	Tomato, processing	kaolin	29,154	7	837
Kings	Tomato, processing	potassium n-methyldithiocarbamate	16,527	3	49
Kings	Tomato, processing	glyphosate, isopropylamine salt	14,110	58	7,802
Kings	Cotton	vegetable oil*	309,250	952	210,424
Kings	Cotton	glyphosate, potassium salt	168,803	671	122,506
Kings	Cotton	urea dihydrogen sulfate	148,801	515	96,879
Kings	Cotton	paraquat dichloride	93,881	569	119,502

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Kings	Cotton	pendimethalin	66,585	220	48,170
Kings	Almond	mineral oil	804,999	1,371	70,851
Kings	Almond	glyphosate, potassium salt	65,263	606	30,685
Kings	Almond	glufosinate-ammonium	39,963	843	34,332
Kings	Almond	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	37,135	1,695	107,968
Kings	Almond	glyphosate, isopropylamine salt	28,839	472	13,150
Kings	Soil fumigation/preplant	potassium n-methyldithiocarbamate	416,798	36	3,706
Kings	Soil fumigation/preplant	1,3-dichloropropene	129,749	20	478
Kings	Soil fumigation/preplant	paraquat dichloride	44,780	225	39,753
Kings	Soil fumigation/preplant	pendimethalin	43,538	125	30,710
Kings	Soil fumigation/preplant	chloropicrin	25,939	9	134
Kings	Pistachio	sulfur	194,114	246	24,411
Kings	Pistachio	glyphosate, potassium salt	55,915	536	28,045
Kings	Pistachio	glyphosate, isopropylamine salt	47,157	735	19,530
Kings	Pistachio	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	43,692	1,654	115,245
Kings	Pistachio	glufosinate-ammonium	42,119	1,058	39,167
Lake	Grape, wine	sulfur	376,998	1,301	44,919
Lake	Grape, wine	mineral oil	67,512	398	16,388
Lake	Grape, wine	copper oxychloride	7,045	171	5,711
Lake	Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	6,022	427	14,607
Lake	Grape, wine	glyphosate, potassium salt	4,473	203	1,871

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Lake	Pear	mineral oil	149,673	302	6,246
Lake	Pear	lime-sulfur	41,560	56	1,328
Lake	Pear	sulfur	20,489	94	1,907
Lake	Pear	mancozeb	7,540	70	1,856
Lake	Pear	ziram	5,430	61	1,272
Lake	Landscape maintenance	diuron	11,353	<0.01	<0.01
Lake	Landscape maintenance	glyphosate, isopropylamine salt	3,557	4	52
Lake	Landscape maintenance	simazine	501	<0.01	<0.01
Lake	Landscape maintenance	flumioxazin	324	<0.01	<0.01
Lake	Landscape maintenance	chlorothalonil	181	19	77
Lake	Water area	endothall, dipotassium salt	9,040	<0.01	285
Lake	Water area	hydrogen peroxide	698	<0.01	<0.01
Lake	Water area	diquat dibromide	541	1	82
Lake	Water area	peroxyacetic acid	476	<0.01	<0.01
Lake	Water area	copper sulfate (pentahydrate)	158	3	16
Lake	Rights of way	diuron	1,237	20	147
Lake	Rights of way	borax	945	<0.01	<0.01
Lake	Rights of way	glyphosate, potassium salt	442	2	0
Lake	Rights of way	glyphosate, isopropylamine salt	343	7	8
Lake	Rights of way	metam-sodium	216	<0.01	<0.01
Lassen	Strawberry	methyl bromide	62,544	9	283
Lassen	Strawberry	chloropicrin	45,795	9	283
Lassen	Strawberry	sulfur	9,904	102	2,730
Lassen	Strawberry	potassium phosphite	1,821	27	584
Lassen	Strawberry	captan	535	14	338
Lassen	Soil fumigation/preplant	methyl bromide	26,020	6	121
Lassen	Soil fumigation/preplant	chloropicrin	17,208	6	121
Lassen	Alfalfa	paraquat dichloride	4,311	78	7,551
Lassen	Alfalfa	metribuzin	3,162	80	7,561
Lassen	Alfalfa	glyphosate, isopropylamine salt	2,508	31	1,721

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Lassen	Alfalfa	mineral oil	608	64	6,525
Lassen	Alfalfa	glyphosate, potassium salt	545	4	395
Lassen	Forest, timberland	glyphosate, dimethylamine salt	5,022	91	3,190
Lassen	Forest, timberland	methylated soybean oil*	3,383	85	2,833
Lassen	Forest, timberland	hexazinone	3,369	28	1,252
Lassen	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	602	85	2,833
Lassen	Forest, timberland	borax	223	<0.01	1,548
Lassen	Rights of way	methylated soybean oil*	993	<0.01	<0.01
Lassen	Rights of way	2,4-d, 2-ethylhexyl ester	842	4	7
Lassen	Rights of way	glyphosate, dimethylamine salt	799	<0.01	<0.01
Lassen	Rights of way	glyphosate, isopropylamine salt	700	15	46
Lassen	Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	210	1	40
Los Angeles	Structural pest control	sulfuryl fluoride	636,161	<0.01	<0.01
Los Angeles	Structural pest control	boric acid	121,700	<0.01	<0.01
Los Angeles	Structural pest control	disodium octaborate tetrahydrate	43,853	<0.01	<0.01
Los Angeles	Structural pest control	dinotefuran	16,474	<0.01	<0.01
Los Angeles	Structural pest control	n-octyl bicycloheptene dicarboximide	14,413	<0.01	<0.01
Los Angeles	Carrot	potassium n-methyldithiocarbamate	713,392	24	2,097
Los Angeles	Carrot	sulfur	25,645	71	5,138
Los Angeles	Carrot	1,3-dichloropropene	14,248	1	120
Los Angeles	Carrot	trifluralin	1,901	20	1,800
Los Angeles	Carrot	hydrogen peroxide	1,357	8	545
Los Angeles	Water (industrial)	sodium hypochlorite	180,439	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Los Angeles	Water (industrial)	sodium bromide	143,221	<0.01	<0.01
Los Angeles	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	18,489	<0.01	<0.01
Los Angeles	Water (industrial)	glutaraldehyde	13,483	<0.01	<0.01
Los Angeles	Water (industrial)	trichloro-s-triazinetriene	12,960	<0.01	<0.01
Los Angeles	Rights of way	dichlobenil	59,317	<0.01	<0.01
Los Angeles	Rights of way	glyphosate, isopropylamine salt	50,451	1	0
Los Angeles	Rights of way	metam-sodium	35,590	<0.01	<0.01
Los Angeles	Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	11,137	<0.01	<0.01
Los Angeles	Rights of way	glyphosate, potassium salt	4,788	2	1
Los Angeles	Landscape maintenance	glyphosate, isopropylamine salt	28,265	23	39
Los Angeles	Landscape maintenance	chlorothalonil	18,450	3	8
Los Angeles	Landscape maintenance	glyphosate, potassium salt	11,449	22	30
Los Angeles	Landscape maintenance	piperonyl butoxide	5,993	<0.01	<0.01
Los Angeles	Landscape maintenance	potassium phosphite	5,824	1	2
Madera	Almond	mineral oil	2,940,128	4,235	262,476
Madera	Almond	1,3-dichloropropene	314,696	29	948
Madera	Almond	glyphosate, potassium salt	260,166	2,955	127,685
Madera	Almond	glyphosate, isopropylamine salt	167,220	2,084	113,723
Madera	Almond	glufosinate-ammonium	142,894	3,191	147,886
Madera	Grape, wine	sulfur	1,711,573	2,873	199,659
Madera	Grape, wine	1,3-dichloropropene	206,551	8	625
Madera	Grape, wine	glufosinate-ammonium	27,188	680	27,821
Madera	Grape, wine	pendimethalin	25,771	220	8,903

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Madera	Grape, wine	glyphosate, potassium salt	25,506	322	11,518
Madera	Grape	sulfur	1,343,500	3,262	163,915
Madera	Grape	1,3-dichloropropene	84,176	6	254
Madera	Grape	glyphosate, isopropylamine salt	15,685	365	8,841
Madera	Grape	mineral oil	15,475	435	11,899
Madera	Grape	glufosinate-ammonium	13,269	639	14,244
Madera	Pistachio	glyphosate, potassium salt	105,341	1,024	46,793
Madera	Pistachio	mineral oil	86,183	720	39,685
Madera	Pistachio	sulfur	83,208	165	19,820
Madera	Pistachio	methylated soybean oil*	48,739	1,081	82,823
Madera	Pistachio	glufosinate-ammonium	47,776	849	48,587
Madera	Orange	mineral oil	123,106	282	8,834
Madera	Orange	calcium hydroxide	29,183	79	2,537
Madera	Orange	copper sulfate (basic)	7,768	65	2,101
Madera	Orange	glyphosate, potassium salt	5,360	136	2,370
Madera	Orange	cryolite	4,692	14	479
Marin	Landscape maintenance	potassium phosphite	17,239	<0.01	<0.01
Marin	Landscape maintenance	mineral oil	2,041	1	2
Marin	Landscape maintenance	fluazinam	1,204	<0.01	<0.01
Marin	Landscape maintenance	chlorothalonil	678	<0.01	<0.01
Marin	Landscape maintenance	prodiamine	531	<0.01	<0.01
Marin	Structural pest control	sulfuryl fluoride	13,514	<0.01	<0.01
Marin	Structural pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	3,332	<0.01	<0.01
Marin	Structural pest control	disodium octaborate tetrahydrate	1,270	<0.01	<0.01
Marin	Structural pest control	potassium phosphite	953	<0.01	<0.01
Marin	Structural pest control	hydroprene	525	<0.01	<0.01
Marin	Water area	copper ethanolamine complexes, mixed	17,731	<0.01	0

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Marin	Water area	diquat dibromide	447	<0.01	60
Marin	Water area	lecithin*	2	<0.01	0
Marin	Water area	methylated soybean oil*	1	<0.01	0
Marin	Water area	alpha-undecyl-omega-hydroxypoly(oxyethylene)*	1	<0.01	0
Marin	Grape, wine	sulfur	3,684	91	578
Marin	Grape, wine	mineral oil	1,492	25	255
Marin	Grape, wine	copper oxide (ous)	159	8	152
Marin	Grape, wine	hydrogen peroxide	136	22	107
Marin	Grape, wine	boscalid	74	4	76
Marin	Rights of way	metam-sodium	1,421	<0.01	<0.01
Marin	Rights of way	borax	1,090	<0.01	<0.01
Marin	Rights of way	glyphosate, dimethylamine salt	1,035	<0.01	<0.01
Marin	Rights of way	sodium alpha-olefin (c14-c16) sulfonate*	336	<0.01	<0.01
Marin	Rights of way	methylated soybean oil*	336	<0.01	<0.01
Mariposa	Rights of way	borax	8,774	<0.01	<0.01
Mariposa	Rights of way	metam-sodium	2,910	<0.01	<0.01
Mariposa	Rights of way	glyphosate, isopropylamine salt	1,091	<0.01	<0.01
Mariposa	Rights of way	copper hydroxide	625	<0.01	<0.01
Mariposa	Rights of way	oxyfluorfen	434	2	4
Mariposa	Rangeland	methylated soybean oil*	1,442	15	377
Mariposa	Rangeland	glyphosate, isopropylamine salt	1,049	47	440
Mariposa	Rangeland	triclopyr, triethylamine salt	445	24	527
Mariposa	Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	168	15	377
Mariposa	Rangeland	glyphosate, potassium salt	130	65	112
Mariposa	Landscape maintenance	fluridone	N/A	<0.01	<0.01
Mariposa	Landscape maintenance	methylated soybean oil*	1,150	<0.01	<0.01
Mariposa	Landscape maintenance	glyphosate, isopropylamine salt	1,080	<0.01	<0.01
Mariposa	Landscape maintenance	triclopyr, triethylamine salt	224	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Mariposa	Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	161	<0.01	<0.01
Mariposa	Forest, timberland	methylated soybean oil*	989	17	450
Mariposa	Forest, timberland	glyphosate, isopropylamine salt	445	13	211
Mariposa	Forest, timberland	triclopyr, triethylamine salt	194	15	272
Mariposa	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	116	20	451
Mariposa	Forest, timberland	oxyfluorfen	81	6	295
Mariposa	Olive	pendimethalin	212	8	56
Mariposa	Olive	glyphosate, isopropylamine salt	207	6	48
Mariposa	Olive	copper oxide (ous)	90	2	14
Mariposa	Olive	glyphosate, potassium salt	58	4	28
Mariposa	Olive	oxyfluorfen	38	10	76
Mendocino	Lumber, treated	copper ethanolamine complexes, mixed	1,443,733	<0.01	<0.01
Mendocino	Lumber, treated	octhilinone	43,662	<0.01	<0.01
Mendocino	Lumber, treated	propiconazole	11,677	<0.01	<0.01
Mendocino	Lumber, treated	tebuconazole	10,262	<0.01	<0.01
Mendocino	Lumber, treated	5-chloro-2-methyl-4-isothiazolin-3-one	7,414	<0.01	<0.01
Mendocino	Grape, wine	sulfur	479,007	2,496	66,126
Mendocino	Grape, wine	mineral oil	65,445	549	11,418
Mendocino	Grape, wine	glyphosate, potassium salt	10,413	393	5,029
Mendocino	Grape, wine	kaolin	4,060	12	149
Mendocino	Grape, wine	copper hydroxide	3,466	305	8,670
Mendocino	Pear	mineral oil	96,415	95	3,975

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Mendocino	Pear	mancozeb	10,979	83	2,995
Mendocino	Pear	ziram	9,009	65	2,042
Mendocino	Pear	sulfur	6,213	23	669
Mendocino	Pear	lime-sulfur	3,211	7	174
Mendocino	Rights of way	borax	4,057	<0.01	<0.01
Mendocino	Rights of way	metam-sodium	1,134	<0.01	<0.01
Mendocino	Rights of way	copper triethanolamine complex	454	<0.01	<0.01
Mendocino	Rights of way	copper ethylenediamine complex	402	<0.01	<0.01
Mendocino	Rights of way	methylated soybean oil*	338	<0.01	<0.01
Mendocino	Forest, timberland	methylated soybean oil*	3,116	119	2,710
Mendocino	Forest, timberland	imazapyr, isopropylamine salt	2,937	192	4,489
Mendocino	Forest, timberland	triclopyr, triethylamine salt	513	15	376
Mendocino	Forest, timberland	triclopyr, butoxyethyl ester	476	16	344
Mendocino	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched*	214	25	611
Merced	Almond	mineral oil	1,378,992	2,892	165,595
Merced	Almond	1,3-dichloropropene	431,395	58	1,331
Merced	Almond	glyphosate, potassium salt	218,487	2,502	120,862
Merced	Almond	glyphosate, isopropylamine salt	138,641	1,998	91,535
Merced	Almond	sulfur	136,043	283	17,280
Merced	Sweet potato	1,3-dichloropropene	658,147	257	5,986
Merced	Sweet potato	potassium n-methyldithiocarbamate	631,167	134	2,656
Merced	Sweet potato	burkholderia sp strain a396 cells and fermentation media	47,178	71	3,104

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Merced	Sweet potato	metam-sodium	44,619	4	164
Merced	Sweet potato	chloropicrin	17,755	22	217
Merced	Tomato, processing	sulfur	1,012,980	502	33,361
Merced	Tomato, processing	chlorothalonil	25,964	219	13,680
Merced	Tomato, processing	s-metolachlor	17,187	197	12,300
Merced	Tomato, processing	1,3-dichloropropene	16,032	2	160
Merced	Tomato, processing	glyphosate, potassium salt	10,774	115	6,966
Merced	Grape, wine	sulfur	534,510	531	56,942
Merced	Grape, wine	1,3-dichloropropene	122,365	5	429
Merced	Grape, wine	lime-sulfur	120,637	37	3,493
Merced	Grape, wine	glyphosate, potassium salt	30,443	159	8,803
Merced	Grape, wine	glufosinate-ammonium	21,343	321	17,647
Merced	N-outdr transplants	methyl bromide	131,898	57	600
Merced	N-outdr transplants	chloropicrin	91,913	60	656
Merced	N-outdr transplants	sulfur	35,879	289	7,589
Merced	N-outdr transplants	potassium n-methyldithiocarbamate	26,534	7	94
Merced	N-outdr transplants	1,3-dichloropropene	6,757	4	59
Modoc	Potato	metam-sodium	22,553	4	209
Modoc	Potato	burkholderia sp strain a396 cells and fermentation media	2,243	9	285
Modoc	Potato	chlorothalonil	2,214	40	2,301
Modoc	Potato	methylated soybean oil*	1,718	145	7,700
Modoc	Potato	chlorpropham	1,610	<0.01	<0.01
Modoc	Alfalfa	paraquat dichloride	9,174	222	14,312
Modoc	Alfalfa	metribuzin	7,762	246	15,388
Modoc	Alfalfa	methylated soybean oil*	6,087	680	43,069
Modoc	Alfalfa	glyphosate, potassium salt	1,723	16	1,219
Modoc	Alfalfa	4-(2,4-db), dimethylamine salt	1,474	32	1,969
Modoc	Forest, timberland	methylated soybean oil*	10,656	158	5,273
Modoc	Forest, timberland	glyphosate, dimethylamine salt	6,042	86	3,368

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Modoc	Forest, timberland	hexazinone	3,988	26	1,906
Modoc	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	1,895	158	5,273
Modoc	Forest, timberland	imazapyr, isopropylamine salt	1,463	84	2,810
Modoc	Rights of way	methylated soybean oil*	2,821	<0.01	<0.01
Modoc	Rights of way	glyphosate, dimethylamine salt	2,266	<0.01	<0.01
Modoc	Rights of way	2,4-d, butoxyethanol ester	1,650	<0.01	<0.01
Modoc	Rights of way	glyphosate, isopropylamine salt	1,609	3	1,380
Modoc	Rights of way	2,4-d, 2-ethylhexyl ester	1,507	2	245
Modoc	Onion, dry	mancozeb	1,018	12	822
Modoc	Onion, dry	glyphosate, potassium salt	949	15	1,007
Modoc	Onion, dry	methylated soybean oil*	796	55	3,984
Modoc	Onion, dry	pendimethalin	419	10	650
Modoc	Onion, dry	polyoxyethylene sorbitan monolaurate*	362	33	2,445
Mono	Alfalfa	pendimethalin	2,061	12	1,120
Mono	Alfalfa	diuron	1,472	20	1,129
Mono	Alfalfa	glyphosate, isopropylamine salt	1,087	8	550
Mono	Alfalfa	oleic acid, methyl ester*	723	8	550
Mono	Alfalfa	dimethoate	691	12	1,355
Mono	Rights of way	glyphosate, isopropylamine salt	241	<0.01	<0.01
Mono	Rights of way	disodium octaborate tetrahydrate	206	<0.01	<0.01
Mono	Rights of way	copper hydroxide	22	<0.01	<0.01
Mono	Rights of way	boric acid	20	<0.01	<0.01
Mono	Rights of way	imazapyr, isopropylamine salt	12	<0.01	<0.01
Mono	Landscape maintenance	pcnb	383	<0.01	<0.01
Mono	Landscape maintenance	glyphosate, potassium salt	22	<0.01	<0.01
Mono	Landscape maintenance	iprodione	19	1	3
Mono	Landscape maintenance	triclopyr, triethylamine salt	15	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Mono	Landscape maintenance	ethephon	14	<0.01	<0.01
Mono	Forage hay/silage	2,4-d, dimethylamine salt	373	6	304
Mono	Forage hay/silage	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	31	6	304
Mono	Forage hay/silage	polyethylene glycol*	8	6	304
Mono	Forage hay/silage	tall oil fatty acids*	8	6	304
Mono	Structural pest control	lambda-cyhalothrin	141	<0.01	<0.01
Mono	Structural pest control	glyphosate, isopropylamine salt	40	<0.01	<0.01
Mono	Structural pest control	cypermethrin	6	<0.01	<0.01
Mono	Structural pest control	boric acid	5	<0.01	<0.01
Mono	Structural pest control	imidacloprid	4	<0.01	<0.01
Monterey	Strawberry	chloropicrin	2,200,735	398	8,471
Monterey	Strawberry	1,3-dichloropropene	581,852	283	7,439
Monterey	Strawberry	sulfur	244,716	1,674	51,748
Monterey	Strawberry	potassium n-methylthiocarbamate	121,008	15	517
Monterey	Strawberry	captan	35,995	656	20,394
Monterey	Grape, wine	mineral oil	796,569	4,472	154,929
Monterey	Grape, wine	sulfur	593,965	5,333	145,451
Monterey	Grape, wine	lime-sulfur	106,244	205	3,941
Monterey	Grape, wine	diethylene glycol*	39,475	3,060	92,068
Monterey	Grape, wine	glufosinate-ammonium	39,288	2,435	65,997
Monterey	Lettuce, leaf	potassium phosphite	174,055	4,489	50,624
Monterey	Lettuce, leaf	mancozeb	91,235	6,022	59,949
Monterey	Lettuce, leaf	bensulide	80,354	2,442	23,267
Monterey	Lettuce, leaf	fosetyl-al	65,092	2,155	22,605
Monterey	Lettuce, leaf	methomyl	49,916	7,137	68,854
Monterey	Rights of way	oleic acid, methyl ester*	316,102	<0.01	<0.01
Monterey	Rights of way	sodium chlorite	102,082	<0.01	<0.01
Monterey	Rights of way	lecithin*	67,877	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Monterey	Rights of way	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)*	67,731	<0.01	<0.01
Monterey	Rights of way	glyphosate, isopropylamine salt	36,420	2	430
Monterey	Lettuce, head	potassium phosphite	89,486	2,471	28,973
Monterey	Lettuce, head	mancozeb	69,365	4,119	46,192
Monterey	Lettuce, head	fosetyl-al	41,975	1,151	13,955
Monterey	Lettuce, head	methomyl	30,740	4,010	43,735
Monterey	Lettuce, head	bensulide	30,706	892	9,356
Napa	Grape, wine	sulfur	1,061,292	13,023	173,151
Napa	Grape, wine	mineral oil	117,732	3,638	35,449
Napa	Grape, wine	glyphosate, potassium salt	24,928	2,462	12,251
Napa	Grape, wine	kaolin	22,725	300	3,249
Napa	Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	19,279	8,568	98,122
Napa	Landscape maintenance	triclopyr, butoxyethyl ester	8,089	<0.01	<0.01
Napa	Landscape maintenance	chlorothalonil	1,196	<0.01	<0.01
Napa	Landscape maintenance	glyphosate, isopropylamine salt	938	<0.01	<0.01
Napa	Landscape maintenance	glyphosate, potassium salt	701	<0.01	<0.01
Napa	Landscape maintenance	potassium phosphite	572	<0.01	<0.01
Napa	Fumigation, other	sulfur dioxide	14,467	<0.01	<0.01
Napa	Fumigation, other	glyphosate, isopropylamine salt	0	<0.01	<0.01
Napa	Structural pest control	sulfuryl fluoride	1,772	<0.01	<0.01
Napa	Structural pest control	potassium phosphite	800	<0.01	<0.01
Napa	Structural pest control	glyphosate, isopropylamine salt	571	<0.01	<0.01
Napa	Structural pest control	mineral oil	410	1	10
Napa	Structural pest control	piperonyl butoxide	180	<0.01	<0.01
Napa	Rights of way	glyphosate, isopropylamine salt	1,354	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Napa	Rights of way	glyphosate, dimethylamine salt	724	<0.01	<0.01
Napa	Rights of way	glyphosate, potassium salt	269	<0.01	<0.01
Napa	Rights of way	methylated soybean oil*	253	<0.01	<0.01
Napa	Rights of way	glufosinate-ammonium	170	<0.01	<0.01
Nevada	Grape, wine	sulfur	16,308	83	1,691
Nevada	Grape, wine	lime-sulfur	1,814	3	65
Nevada	Grape, wine	mineral oil	874	53	655
Nevada	Grape, wine	pendimethalin	431	3	135
Nevada	Grape, wine	glyphosate, isopropylamine salt	310	12	236
Nevada	Rights of way	copper ethanolamine complexes, mixed	4,635	<0.01	<0.01
Nevada	Rights of way	glyphosate, isopropylamine salt	3,338	<0.01	<0.01
Nevada	Rights of way	copper triethanolamine complex	2,484	<0.01	<0.01
Nevada	Rights of way	copper ethylenediamine complex	2,201	<0.01	<0.01
Nevada	Rights of way	glyphosate, dimethylamine salt	1,001	<0.01	<0.01
Nevada	Landscape maintenance	endothall, dipotassium salt	2,860	<0.01	<0.01
Nevada	Landscape maintenance	diquat dibromide	1,409	<0.01	<0.01
Nevada	Landscape maintenance	glyphosate, isopropylamine salt	1,393	<0.01	<0.01
Nevada	Landscape maintenance	chlorothalonil	727	2	1
Nevada	Landscape maintenance	pcnb	252	<0.01	<0.01
Nevada	Forest, timberland	methylated soybean oil*	1,138	18	678
Nevada	Forest, timberland	glyphosate, dimethylamine salt	627	17	596
Nevada	Forest, timberland	imazapyr, isopropylamine salt	378	34	1,239
Nevada	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	202	18	678
Nevada	Forest, timberland	oxyfluorfen	112	2	81
Nevada	Structural pest control	sulfuryl fluoride	803	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Nevada	Structural pest control	boric acid	682	<0.01	<0.01
Nevada	Structural pest control	bifenthrin	414	<0.01	<0.01
Nevada	Structural pest control	permethrin	184	<0.01	<0.01
Nevada	Structural pest control	disodium octaborate tetrahydrate	99	<0.01	<0.01
Orange	Structural pest control	sulfuryl fluoride	362,595	<0.01	<0.01
Orange	Structural pest control	boric acid	49,510	<0.01	<0.01
Orange	Structural pest control	dinotefuran	33,838	<0.01	<0.01
Orange	Structural pest control	disodium octaborate tetrahydrate	26,250	<0.01	<0.01
Orange	Structural pest control	lambda-cyhalothrin	2,960	<0.01	<0.01
Orange	Landscape maintenance	bronopol	N/A	<0.01	<0.01
Orange	Landscape maintenance	glyphosate, isopropylamine salt	23,335	10	10
Orange	Landscape maintenance	glyphosate, potassium salt	18,142	<0.01	<0.01
Orange	Landscape maintenance	caprylic acid	11,454	<0.01	<0.01
Orange	Landscape maintenance	dikegulac sodium	9,936	<0.01	<0.01
Orange	Strawberry	chloropicrin	49,134	11	235
Orange	Strawberry	1,3-dichloropropene	31,628	8	232
Orange	Strawberry	captan	717	13	251
Orange	Strawberry	malathion	327	4	160
Orange	Strawberry	thiram	220	2	80
Orange	Rights of way	glyphosate, isopropylamine salt	25,234	23	44
Orange	Rights of way	mineral oil	8,377	<0.01	<0.01
Orange	Rights of way	dichlobenil	3,761	<0.01	<0.01
Orange	Rights of way	ammonium sulfate	2,503	<0.01	<0.01
Orange	Rights of way	glyphosate, potassium salt	2,466	<0.01	<0.01
Orange	Water (industrial)	sodium bromide	9,898	<0.01	12
Orange	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	8,243	<0.01	22
Orange	Water (industrial)	sodium hypochlorite	7,411	<0.01	15
Orange	Water (industrial)	ammonium sulfate	4,882	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Orange	Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	2,071	<0.01	22
Placer	Rice	propanil	44,236	170	8,451
Placer	Rice	copper sulfate (pentahydrate)	37,127	49	2,937
Placer	Rice	mineral oil	11,314	183	7,463
Placer	Rice	sodium carbonate peroxyhydrate	4,251	4	276
Placer	Rice	thiobencarb	3,894	19	1,369
Placer	Walnut	copper hydroxide	22,853	64	4,144
Placer	Walnut	mancozeb	7,460	64	4,144
Placer	Walnut	glyphosate, potassium salt	6,782	50	2,719
Placer	Walnut	mineral oil	4,175	61	4,419
Placer	Walnut	pendimethalin	2,354	8	1,091
Placer	Almond	sulfur	28,668	12	3,196
Placer	Almond	mineral oil	3,292	30	3,260
Placer	Almond	copper hydroxide	1,965	4	320
Placer	Almond	glyphosate, isopropylamine salt	1,919	12	824
Placer	Almond	pendimethalin	1,817	16	804
Placer	Rights of way	glyphosate, isopropylamine salt	13,664	1	<0.01
Placer	Rights of way	copper ethanolamine complexes, mixed	6,291	<0.01	<0.01
Placer	Rights of way	glyphosate, dimethylamine salt	5,300	<0.01	<0.01
Placer	Rights of way	methylated soybean oil*	3,299	<0.01	<0.01
Placer	Rights of way	copper triethanolamine complex	2,897	<0.01	<0.01
Placer	Landscape maintenance	glyphosate, isopropylamine salt	7,454	<0.01	<0.01
Placer	Landscape maintenance	methylated soybean oil*	4,536	<0.01	<0.01
Placer	Landscape maintenance	glyphosate, potassium salt	3,724	<0.01	<0.01
Placer	Landscape maintenance	chlorothalonil	2,655	12	57
Placer	Landscape maintenance	pendimethalin	2,158	<0.01	<0.01
Plumas	Forest, timberland	glyphosate, dimethylamine salt	3,899	70	2,502
Plumas	Forest, timberland	methylated soybean oil*	3,852	70	2,100

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Plumas	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	685	70	2,100
Plumas	Forest, timberland	imazapyr, isopropylamine salt	458	41	1,282
Plumas	Forest, timberland	hexazinone	413	10	437
Plumas	Rights of way	glyphosate, isopropylamine salt	1,368	<0.01	<0.01
Plumas	Rights of way	methylated soybean oil*	1,221	2	18
Plumas	Rights of way	triclopyr, triethylamine salt	372	<0.01	<0.01
Plumas	Rights of way	glyphosate, dimethylamine salt	241	<0.01	<0.01
Plumas	Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	148	<0.01	<0.01
Plumas	Alfalfa	paraquat dichloride	1,709	5	625
Plumas	Alfalfa	metribuzin	604	10	1,215
Plumas	Alfalfa	diethylene glycol*	228	10	1,215
Plumas	Alfalfa	clethodim	147	4	555
Plumas	Alfalfa	ammonium sulfate	108	4	555
Plumas	Landscape maintenance	chlorothalonil	230	<0.01	<0.01
Plumas	Landscape maintenance	ethephon	228	<0.01	<0.01
Plumas	Landscape maintenance	mineral oil	128	<0.01	<0.01
Plumas	Landscape maintenance	glyphosate, isopropylamine salt	94	1	20
Plumas	Landscape maintenance	diquat dibromide	50	<0.01	<0.01
Plumas	Uncultivated ag	glyphosate, isopropylamine salt	480	2	320
Plumas	Uncultivated ag	mineral oil	287	2	320
Plumas	Uncultivated ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)*	59	2	320
Riverside	Pepper, fruiting	metam-sodium	613,136	106	2,834
Riverside	Pepper, fruiting	sulfur	49,909	129	4,031
Riverside	Pepper, fruiting	1,3-dichloropropene	3,590	2	27
Riverside	Pepper, fruiting	oleic acid, ethyl ester*	1,747	303	8,179
Riverside	Pepper, fruiting	methylated soybean oil*	1,523	61	1,893

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Riverside	Grape	1,3-dichloropropene	229,290	27	696
Riverside	Grape	sulfur	124,874	1,521	53,005
Riverside	Grape	hydrogen cyanamide	89,412	162	5,079
Riverside	Grape	mineral oil	44,459	916	27,513
Riverside	Grape	metam-sodium	13,970	3	44
Riverside	Lemon	mineral oil	200,495	264	10,954
Riverside	Lemon	kaolin	159,937	59	2,667
Riverside	Lemon	metam-sodium	36,724	7	165
Riverside	Lemon	sulfur	15,251	70	2,364
Riverside	Lemon	glyphosate, isopropylamine salt	11,017	293	12,477
Riverside	Alfalfa	glyphosate, potassium salt	73,616	1,324	44,708
Riverside	Alfalfa	sulfur	62,838	237	10,463
Riverside	Alfalfa	pendimethalin	31,701	521	19,370
Riverside	Alfalfa	trifluralin	28,354	382	14,177
Riverside	Alfalfa	mineral oil	26,944	1,182	41,175
Riverside	Rights of way	glyphosate, isopropylamine salt	44,305	143	293
Riverside	Rights of way	sodium carbonate peroxyhydrate	31,535	<0.01	<0.01
Riverside	Rights of way	petroleum oil, paraffin based	16,062	<0.01	<0.01
Riverside	Rights of way	imazapyr, isopropylamine salt	11,586	<0.01	<0.01
Riverside	Rights of way	glyphosate, potassium salt	8,700	1	5
Sacramento	Grape, wine	sulfur	2,572,359	3,486	212,317
Sacramento	Grape, wine	mineral oil	42,808	569	27,261
Sacramento	Grape, wine	glyphosate, potassium salt	39,696	389	13,259
Sacramento	Grape, wine	glufosinate-ammonium	29,575	1,050	28,517
Sacramento	Grape, wine	glyphosate, isopropylamine salt	19,350	328	8,468
Sacramento	Pear	mineral oil	571,818	1,077	43,022
Sacramento	Pear	mancozeb	40,737	388	17,405
Sacramento	Pear	lime-sulfur	30,132	35	1,473

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Sacramento	Pear	sulfur	17,654	80	1,906
Sacramento	Pear	copper oxychloride	5,644	206	6,071
Sacramento	Rice	propanil	43,411	104	7,265
Sacramento	Rice	copper sulfate (pentahydrate)	25,641	19	1,904
Sacramento	Rice	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	22,640	154	13,839
Sacramento	Rice	mineral oil	18,258	147	10,818
Sacramento	Rice	sodium chlorate	9,955	18	1,787
Sacramento	Structural pest control	sulfuryl fluoride	25,494	<0.01	<0.01
Sacramento	Structural pest control	bifenthrin	13,660	<0.01	<0.01
Sacramento	Structural pest control	boric acid	10,505	<0.01	<0.01
Sacramento	Structural pest control	imidacloprid	5,239	<0.01	<0.01
Sacramento	Structural pest control	disodium octaborate tetrahydrate	4,099	<0.01	<0.01
Sacramento	Landscape maintenance	glyphosate, isopropylamine salt	23,922	14	560
Sacramento	Landscape maintenance	glyphosate, potassium salt	11,110	<0.01	<0.01
Sacramento	Landscape maintenance	chlorothalonil	2,293	<0.01	<0.01
Sacramento	Landscape maintenance	pendimethalin	1,944	<0.01	<0.01
Sacramento	Landscape maintenance	dithiopyr	1,674	<0.01	<0.01
San Benito	Grape, wine	sulfur	82,246	932	11,165
San Benito	Grape, wine	mineral oil	32,118	380	7,251
San Benito	Grape, wine	glyphosate, isopropylamine salt	4,679	79	2,708
San Benito	Grape, wine	glufosinate-ammonium	3,455	207	4,878
San Benito	Grape, wine	potassium bicarbonate	3,021	68	769
San Benito	Pepper, fruiting	potassium n-methyldithiocarbamate	104,914	49	455

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Benito	Pepper, fruiting	chloropicrin	15,330	11	121
San Benito	Pepper, fruiting	1,3-dichloropropene	10,049	11	121
San Benito	Pepper, fruiting	glyphosate, isopropylamine salt	2,184	29	772
San Benito	Pepper, fruiting	sulfur	669	38	166
San Benito	Lettuce, leaf	diatomaceous earth	47,903	586	4,099
San Benito	Lettuce, leaf	burkholderia sp strain a396 cells and fermentation media	11,110	389	2,365
San Benito	Lettuce, leaf	potassium phosphite	6,307	302	2,063
San Benito	Lettuce, leaf	bensulide	6,297	279	1,751
San Benito	Lettuce, leaf	fosetyl-al	4,307	193	1,313
San Benito	Uncultivated ag	potassium n-methyldithiocarbamate	20,229	3	111
San Benito	Uncultivated ag	glyphosate, potassium salt	12,929	256	2,458
San Benito	Uncultivated ag	glyphosate, isopropylamine salt	3,787	180	1,449
San Benito	Uncultivated ag	caprylic acid	982	24	111
San Benito	Uncultivated ag	glufosinate-ammonium	943	159	1,076
San Benito	Ditch bank	sodium hypochlorite	37,923	<0.01	<0.01
San Benito	Ditch bank	calcium hypochlorite	4,318	<0.01	4
San Bernardino	Landscape maintenance	disodium octaborate tetrahydrate	85,208	<0.01	<0.01
San Bernardino	Landscape maintenance	glyphosate, isopropylamine salt	37,066	2	3
San Bernardino	Landscape maintenance	sodium chlorate	16,824	<0.01	<0.01
San Bernardino	Landscape maintenance	glyphosate, potassium salt	11,398	1	4
San Bernardino	Landscape maintenance	copper	3,010	<0.01	<0.01
San Bernardino	Structural pest control	sulfuryl fluoride	57,840	<0.01	<0.01
San Bernardino	Structural pest control	boric acid	35,221	<0.01	<0.01
San Bernardino	Structural pest control	disodium octaborate tetrahydrate	4,722	<0.01	<0.01
San Bernardino	Structural pest control	bifenthrin	2,194	<0.01	<0.01
San Bernardino	Structural pest control	isopropyl alcohol	2,047	<0.01	<0.01
San Bernardino	Rights of way	glyphosate, isopropylamine salt	62,672	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Bernardino	Rights of way	bromacil	10,385	<0.01	<0.01
San Bernardino	Rights of way	mineral oil	3,217	<0.01	<0.01
San Bernardino	Rights of way	oxyfluorfen	2,110	<0.01	<0.01
San Bernardino	Rights of way	imazapyr, isopropylamine salt	2,070	<0.01	<0.01
San Bernardino	Water (industrial)	sodium chlorate	51,134	<0.01	3
San Bernardino	Water (industrial)	sodium hypochlorite	4,236	<0.01	19
San Bernardino	Water (industrial)	glutaraldehyde	2,617	<0.01	3
San Bernardino	Water (industrial)	sodium bromide	2,099	<0.01	20
San Bernardino	Water (industrial)	dioctyl dimethyl ammonium chloride	1,449	<0.01	3
San Bernardino	Water area	copper sulfate (pentahydrate)	25,100	2	2,597
San Bernardino	Water area	sodium carbonate peroxyhydrate	5,865	<0.01	42
San Bernardino	Water area	diquat dibromide	640	<0.01	94
San Bernardino	Water area	copper ethanolamine complexes, mixed	385	<0.01	201
San Bernardino	Water area	copper ethylenediamine complex	252	<0.01	14
San Diego	Structural pest control	none	N/A	<0.01	<0.01
San Diego	Structural pest control	sulfuryl fluoride	376,988	<0.01	<0.01
San Diego	Structural pest control	disodium octaborate tetrahydrate	40,280	<0.01	<0.01
San Diego	Structural pest control	boric acid	30,025	<0.01	<0.01
San Diego	Structural pest control	limonene	21,673	<0.01	<0.01
San Diego	Landscape maintenance	sodium chlorate	83,069	<0.01	<0.01
San Diego	Landscape maintenance	glyphosate, isopropylamine salt	46,143	9	3
San Diego	Landscape maintenance	mineral oil	14,999	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Diego	Landscape maintenance	chlorothalonil	8,468	<0.01	<0.01
San Diego	Landscape maintenance	glyphosate, potassium salt	8,028	1	0
San Diego	Tomato	chloropicrin	58,048	56	586
San Diego	Tomato	metam-sodium	26,483	12	226
San Diego	Tomato	1,3-dichloropropene	24,316	1	205
San Diego	Tomato	sulfur	10,533	40	1,433
San Diego	Tomato	chlorothalonil	2,433	52	1,716
San Diego	Rights of way	glyphosate, isopropylamine salt	45,872	<0.01	<0.01
San Diego	Rights of way	oryzalin	15,721	<0.01	<0.01
San Diego	Rights of way	dazomet	10,342	<0.01	<0.01
San Diego	Rights of way	copper naphthenate	6,135	<0.01	<0.01
San Diego	Rights of way	glyphosate, potassium salt	3,747	<0.01	<0.01
San Diego	Avocado	mineral oil	45,464	172	4,829
San Diego	Avocado	glyphosate, potassium salt	11,884	1,523	9,919
San Diego	Avocado	glyphosate, isopropylamine salt	3,149	617	5,993
San Diego	Avocado	sulfur	3,144	8	131
San Diego	Avocado	simazine	2,622	131	1,583
San Francisco	N-grnhs transplants	chlorothalonil	2,480	<0.01	405
San Francisco	N-grnhs transplants	ethofumesate	1,623	<0.01	449
San Francisco	N-grnhs transplants	ethephon	587	<0.01	173
San Francisco	N-grnhs transplants	potassium phosphite	505	<0.01	40
San Francisco	N-grnhs transplants	triclopyr, butoxyethyl ester	179	<0.01	130
San Francisco	Structural pest control	disodium octaborate tetrahydrate	1,419	<0.01	<0.01
San Francisco	Structural pest control	boric acid	1,258	<0.01	<0.01
San Francisco	Structural pest control	sulfuryl fluoride	428	<0.01	<0.01
San Francisco	Structural pest control	dinotefuran	305	<0.01	<0.01
San Francisco	Structural pest control	hydroprene	147	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Francisco	Landscape maintenance	potassium phosphite	1,054	<0.01	<0.01
San Francisco	Landscape maintenance	margosa oil	789	<0.01	<0.01
San Francisco	Landscape maintenance	mineral oil	544	<0.01	<0.01
San Francisco	Landscape maintenance	ammonium nonanoate	526	<0.01	<0.01
San Francisco	Landscape maintenance	oleic acid, ethyl ester*	151	<0.01	<0.01
San Francisco	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	929	<0.01	<0.01
San Francisco	Water (industrial)	sodium hypochlorite	837	<0.01	<0.01
San Francisco	Water (industrial)	sodium bromide	425	<0.01	<0.01
San Francisco	Water (industrial)	glutaraldehyde	376	<0.01	<0.01
San Francisco	Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	51	<0.01	<0.01
San Francisco	N-grnhs flower	triclopyr, butoxyethyl ester	228	<0.01	154
San Francisco	N-grnhs flower	carbaryl	120	<0.01	23
San Francisco	N-grnhs flower	2,4-d, 2-ethylhexyl ester	113	<0.01	90
San Francisco	N-grnhs flower	ammonium sulfate	78	<0.01	228
San Francisco	N-grnhs flower	propiconazole	62	<0.01	111
San Joaquin	Grape, wine	sulfur	6,119,943	11,171	484,662
San Joaquin	Grape, wine	lime-sulfur	75,711	196	7,300
San Joaquin	Grape, wine	glufosinate-ammonium	53,105	2,765	56,786
San Joaquin	Grape, wine	glyphosate, potassium salt	46,938	1,093	27,013
San Joaquin	Grape, wine	mineral oil	45,885	1,182	34,732
San Joaquin	Almond	mineral oil	642,204	1,654	75,141
San Joaquin	Almond	1,3-dichloropropene	205,952	33	624

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Joaquin	Almond	glyphosate, isopropylamine salt	124,366	1,849	60,680
San Joaquin	Almond	methylated soybean oil*	88,498	2,343	91,858
San Joaquin	Almond	glufosinate-ammonium	83,257	2,095	71,892
San Joaquin	Walnut	copper hydroxide	176,580	1,327	45,733
San Joaquin	Walnut	1,3-dichloropropene	138,573	9	419
San Joaquin	Walnut	kaolin	111,056	66	3,733
San Joaquin	Walnut	mancozeb	92,641	1,454	51,216
San Joaquin	Walnut	potassium phosphite	79,614	573	26,647
San Joaquin	Soil fumigation/preplant	1,3-dichloropropene	624,117	80	1,932
San Joaquin	Soil fumigation/preplant	chloropicrin	48,137	31	425
San Joaquin	Soil fumigation/preplant	glyphosate, isopropylamine salt	7,276	155	5,532
San Joaquin	Soil fumigation/preplant	potassium n-methyldithiocarbamate	7,004	1	102
San Joaquin	Soil fumigation/preplant	mineral oil	2,170	58	1,174
San Joaquin	Tomato, processing	sulfur	421,905	341	18,821
San Joaquin	Tomato, processing	potassium n-methyldithiocarbamate	181,454	35	2,553
San Joaquin	Tomato, processing	chlorothalonil	31,616	295	16,497
San Joaquin	Tomato, processing	s-metolachlor	17,120	178	9,589
San Joaquin	Tomato, processing	glyphosate, isopropylamine salt	6,346	91	4,673
San Luis Obispo	Strawberry	chloropicrin	620,639	119	3,219
San Luis Obispo	Strawberry	1,3-dichloropropene	177,339	55	1,561

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Luis Obispo	Strawberry	sulfur	126,293	664	27,316
San Luis Obispo	Strawberry	metam-sodium	69,642	8	295
San Luis Obispo	Strawberry	captan	50,686	756	28,360
San Luis Obispo	Grape, wine	sulfur	385,748	2,595	107,828
San Luis Obispo	Grape, wine	mineral oil	191,790	1,594	46,106
San Luis Obispo	Grape, wine	glufosinate-ammonium	25,443	1,483	26,439
San Luis Obispo	Grape, wine	glyphosate, isopropylamine salt	21,154	399	9,884
San Luis Obispo	Grape, wine	potassium bicarbonate	14,165	275	4,263
San Luis Obispo	Carrot	sulfur	117,823	285	20,875
San Luis Obispo	Carrot	potassium n-methyldithiocarbamate	79,457	3	302
San Luis Obispo	Carrot	1,3-dichloropropene	18,309	2	154
San Luis Obispo	Carrot	potassium silicate	1,372	9	451
San Luis Obispo	Carrot	linuron	1,290	29	1,741
San Luis Obispo	Chinese cabbage (napa, won bok, celery cabbage)	1,3-dichloropropene	65,653	45	548
San Luis Obispo	Chinese cabbage (napa, won bok, celery cabbage)	chlorthal-dimethyl	4,220	108	501
San Luis Obispo	Chinese cabbage (napa, won bok, celery cabbage)	potassium n-methyldithiocarbamate	2,555	1	10
San Luis Obispo	Chinese cabbage (napa, won bok, celery cabbage)	chloropicrin	2,502	1	10
San Luis Obispo	Chinese cabbage (napa, won bok, celery cabbage)	fatty acids, c16-c18 and c18-unsaturated, methyl esters*	1,268	199	2,145
San Luis Obispo	Cauliflower	metam-sodium	30,095	17	187
San Luis Obispo	Cauliflower	1,3-dichloropropene	17,495	10	152

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Luis Obispo	Cauliflower	oxyfluorfen	1,032	359	3,129
San Luis Obispo	Cauliflower	imidacloprid	909	340	3,006
San Luis Obispo	Cauliflower	malathion	825	71	647
San Mateo	Brussels sprout	potassium n-methyldithiocarbamate	39,878	35	442
San Mateo	Brussels sprout	1,3-dichloropropene	5,955	7	52
San Mateo	Brussels sprout	pcnb	4,349	15	196
San Mateo	Brussels sprout	potassium phosphite	680	31	424
San Mateo	Brussels sprout	chlorothalonil	586	18	390
San Mateo	Structural pest control	sulfuryl fluoride	36,736	<0.01	<0.01
San Mateo	Structural pest control	disodium octaborate tetrahydrate	5,177	<0.01	<0.01
San Mateo	Structural pest control	boric acid	2,483	<0.01	<0.01
San Mateo	Structural pest control	dinotefuran	1,547	<0.01	<0.01
San Mateo	Structural pest control	limonene	645	<0.01	<0.01
San Mateo	Landscape maintenance	potassium phosphite	16,886	<0.01	<0.01
San Mateo	Landscape maintenance	mineral oil	3,702	<0.01	<0.01
San Mateo	Landscape maintenance	chlorothalonil	3,308	<0.01	<0.01
San Mateo	Landscape maintenance	calcium hypochlorite	2,912	<0.01	<0.01
San Mateo	Landscape maintenance	trichloro-s-triazinetriene	2,884	<0.01	<0.01
San Mateo	Public health	mineral oil	14,321	<0.01	<0.01
San Mateo	Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	130	<0.01	<0.01
San Mateo	Public health	imazapyr, isopropylamine salt	86	<0.01	<0.01
San Mateo	Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	75	<0.01	<0.01
San Mateo	Public health	s-methoprene	56	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
San Mateo	Rights of way	sodium alpha-olefin (c14-c16) sulfonate*	2,855	<0.01	<0.01
San Mateo	Rights of way	glyphosate, dimethylamine salt	1,594	<0.01	<0.01
San Mateo	Rights of way	diquat dibromide	1,025	<0.01	<0.01
San Mateo	Rights of way	glyphosate, isopropylamine salt	963	<0.01	<0.01
San Mateo	Rights of way	alkyl (c9-c11) oligomeric d-glucopyranoside*	417	<0.01	<0.01
Santa Barbara	Strawberry	chloropicrin	1,592,580	244	8,270
Santa Barbara	Strawberry	1,3-dichloropropene	370,669	92	3,313
Santa Barbara	Strawberry	potassium n-methyldithiocarbamate	251,939	31	989
Santa Barbara	Strawberry	sulfur	203,934	1,674	54,778
Santa Barbara	Strawberry	captan	107,306	1,846	60,441
Santa Barbara	Grape, wine	sulfur	671,765	1,926	102,079
Santa Barbara	Grape, wine	mineral oil	102,657	901	31,634
Santa Barbara	Grape, wine	potassium bicarbonate	32,230	444	10,427
Santa Barbara	Grape, wine	1,3-dichloropropene	26,449	4	80
Santa Barbara	Grape, wine	glufosinate-ammonium	16,748	680	17,937
Santa Barbara	Carrot	potassium n-methyldithiocarbamate	425,597	14	1,618
Santa Barbara	Carrot	sulfur	51,492	122	12,480
Santa Barbara	Carrot	1,3-dichloropropene	30,340	3	255
Santa Barbara	Carrot	linuron	2,725	121	3,188
Santa Barbara	Carrot	mineral oil	1,811	8	997
Santa Barbara	Lemon	mineral oil	103,473	324	4,199
Santa Barbara	Lemon	glyphosate, isopropylamine salt	3,848	177	2,961

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Santa Barbara	Lemon	glyphosate, potassium salt	2,489	219	1,687
Santa Barbara	Lemon	sulfur	1,226	4	94
Santa Barbara	Lemon	metaldehyde	504	59	821
Santa Barbara	Avocado	mineral oil	83,894	268	5,937
Santa Barbara	Avocado	glyphosate, isopropylamine salt	9,639	543	8,072
Santa Barbara	Avocado	glyphosate, potassium salt	6,230	451	7,538
Santa Barbara	Avocado	dimethylpolysiloxane*	329	211	1,837
Santa Barbara	Avocado	potash soap	295	10	45
Santa Clara	Pepper, fruiting	potassium n-methyldithiocarbamate	111,963	32	468
Santa Clara	Pepper, fruiting	chloropicrin	48,630	19	361
Santa Clara	Pepper, fruiting	1,3-dichloropropene	31,876	19	361
Santa Clara	Pepper, fruiting	sulfur	1,359	20	509
Santa Clara	Pepper, fruiting	glyphosate, isopropylamine salt	904	19	536
Santa Clara	Structural pest control	sulfuryl fluoride	149,798	<0.01	<0.01
Santa Clara	Structural pest control	boric acid	28,540	<0.01	<0.01
Santa Clara	Structural pest control	disodium octaborate tetrahydrate	11,218	<0.01	<0.01
Santa Clara	Structural pest control	limonene	1,348	<0.01	<0.01
Santa Clara	Structural pest control	fipronil	895	<0.01	<0.01
Santa Clara	Landscape maintenance	sodium dichloro-s-triazinetrione dihydrate	16,898	<0.01	<0.01
Santa Clara	Landscape maintenance	calcium hypochlorite	9,581	<0.01	<0.01
Santa Clara	Landscape maintenance	potassium phosphite	7,946	<0.01	<0.01
Santa Clara	Landscape maintenance	glyphosate, isopropylamine salt	6,456	2	<0.01
Santa Clara	Landscape maintenance	prodiamine	5,809	<0.01	<0.01
Santa Clara	Tomato	potassium n-methyldithiocarbamate	30,902	6	108

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Santa Clara	Tomato	sulfur	15,284	37	1,172
Santa Clara	Tomato	chlorothalonil	1,794	41	1,231
Santa Clara	Tomato	glyphosate, isopropylamine salt	1,206	23	666
Santa Clara	Tomato	oleic acid, methyl ester*	536	37	1,093
Santa Clara	Water (industrial)	glutaraldehyde	12,239	<0.01	25
Santa Clara	Water (industrial)	sodium hypochlorite	10,358	<0.01	64
Santa Clara	Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	8,406	<0.01	20
Santa Clara	Water (industrial)	sodium bromide	8,377	<0.01	48
Santa Clara	Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	1,408	<0.01	20
Santa Cruz	Strawberry	chloropicrin	405,155	82	1,403
Santa Cruz	Strawberry	1,3-dichloropropene	99,186	56	1,276
Santa Cruz	Strawberry	potassium n-methyldithiocarbamate	25,117	8	100
Santa Cruz	Strawberry	sulfur	12,034	228	3,725
Santa Cruz	Strawberry	captan	11,693	338	5,576
Santa Cruz	Raspberry	chloropicrin	171,003	38	571
Santa Cruz	Raspberry	1,3-dichloropropene	71,023	26	553
Santa Cruz	Raspberry	lime-sulfur	25,049	57	760
Santa Cruz	Raspberry	sulfur	4,152	47	649
Santa Cruz	Raspberry	malathion	3,549	138	2,100
Santa Cruz	Brussels sprout	1,3-dichloropropene	92,940	38	812
Santa Cruz	Brussels sprout	potassium n-methyldithiocarbamate	2,572	2	29
Santa Cruz	Brussels sprout	sulfur	1,581	32	571
Santa Cruz	Brussels sprout	naled	1,021	43	693
Santa Cruz	Brussels sprout	potash soap	1,020	33	110
Santa Cruz	Blackberry	(e,e)-9, 11-tetradecadien-1-yl acetate	N/A	1	16
Santa Cruz	Blackberry	e-11-tetradecen-1-yl acetate	N/A	1	16
Santa Cruz	Blackberry	soybean oil	31,533	338	2,382
Santa Cruz	Blackberry	lime-sulfur	11,728	93	424
Santa Cruz	Blackberry	chloropicrin	7,922	8	37
Santa Cruz	Apple	mineral oil	33,747	76	1,496
Santa Cruz	Apple	sulfur	10,549	132	2,459
Santa Cruz	Apple	lime-sulfur	6,809	17	202
Santa Cruz	Apple	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	851	83	1,724
Santa Cruz	Apple	copper hydroxide	730	26	448

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Shasta	Forest, timberland	methylated soybean oil*	50,573	483	21,750
Shasta	Forest, timberland	glyphosate, dimethylamine salt	31,320	452	21,743
Shasta	Forest, timberland	hexazinone	13,774	150	7,987
Shasta	Forest, timberland	oxyfluorfen	10,282	109	7,524
Shasta	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	8,995	483	21,750
Shasta	Soil fumigation/preplant	methyl bromide	25,028	12	120
Shasta	Soil fumigation/preplant	chloropicrin	23,960	14	147
Shasta	Soil fumigation/preplant	1,3-dichloropropene	11,036	3	43
Shasta	Walnut	copper hydroxide	11,406	117	2,740
Shasta	Walnut	mancozeb	4,828	110	2,620
Shasta	Walnut	glyphosate, potassium salt	1,922	46	1,185
Shasta	Walnut	glufosinate-ammonium	1,746	95	1,741
Shasta	Walnut	kaolin	1,746	10	25
Shasta	Rights of way	methylated soybean oil*	7,002	2	229
Shasta	Rights of way	glyphosate, isopropylamine salt	5,196	6	74
Shasta	Rights of way	glyphosate, dimethylamine salt	4,493	1	224
Shasta	Rights of way	triclopyr choline	1,677	<0.01	<0.01
Shasta	Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	1,229	5	299
Shasta	Rice, wild	copper sulfate (pentahydrate)	22,997	29	1,708
Shasta	Rice, wild	lambda-cyhalothrin	55	17	1,413
Sierra	Forest, timberland	methylated soybean oil*	1,921	50	1,240
Sierra	Forest, timberland	glyphosate, dimethylamine salt	1,752	43	1,092
Sierra	Forest, timberland	imazapyr, isopropylamine salt	485	38	1,099

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Sierra	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	324	47	1,206
Sierra	Forest, timberland	triclopyr, triethylamine salt	122	7	169
Sierra	Wheat (forage - fodder)	glyphosate, isopropylamine salt	169	1	135
Sierra	Wheat (forage - fodder)	methylated soybean oil*	31	1	135
Sierra	Wheat (forage - fodder)	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	6	1	135
Sierra	Wheat (forage - fodder)	polyalkene oxide modified heptamethyl trisiloxane*	2	1	135
Sierra	Rights of way	glyphosate, isopropylamine salt	58	<0.01	<0.01
Sierra	Rights of way	triclopyr, triethylamine salt	52	<0.01	<0.01
Sierra	Rights of way	methylated soybean oil*	34	<0.01	<0.01
Sierra	Rights of way	imazapyr, isopropylamine salt	15	<0.01	<0.01
Sierra	Rights of way	glyphosate, dimethylamine salt	8	<0.01	<0.01
Sierra	Forage hay/silage	2,4-d, dimethylamine salt	141	4	121
Sierra	Forage hay/silage	dicamba, dimethylamine salt	12	2	26
Sierra	Alfalfa	clethodim	61	4	231
Sierra	Alfalfa	methylated soybean oil*	41	4	231
Sierra	Alfalfa	imazethapyr, ammonium salt	16	3	166
Sierra	Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	8	4	231
Sierra	Alfalfa	imazamox, ammonium salt	3	1	65
Siskiyou	Soil fumigation/preplant	methyl bromide	663,032	172	2,983
Siskiyou	Soil fumigation/preplant	chloropicrin	376,081	171	2,969

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Siskiyou	Soil fumigation/preplant	glyphosate, potassium salt	384	10	531
Siskiyou	Soil fumigation/preplant	2,4-d, dimethylamine salt	383	10	531
Siskiyou	Soil fumigation/preplant	methylated soybean oil*	115	10	531
Siskiyou	Strawberry	metam-sodium	40,805	11	258
Siskiyou	Strawberry	sulfur	16,437	129	4,664
Siskiyou	Strawberry	captan	7,779	101	3,961
Siskiyou	Strawberry	iprodione	5,324	8	<0.01
Siskiyou	Strawberry	thiram	3,413	22	1,281
Siskiyou	Potato	metam-sodium	35,258	6	256
Siskiyou	Potato	potassium phosphite	1,783	10	538
Siskiyou	Potato	chlorpropham	1,380	1	54
Siskiyou	Potato	methylated soybean oil*	1,376	59	4,088
Siskiyou	Potato	chlorothalonil	1,111	21	1,113
Siskiyou	Forest, timberland	methylated soybean oil*	20,015	221	4,772
Siskiyou	Forest, timberland	glyphosate, isopropylamine salt	11,393	161	3,013
Siskiyou	Forest, timberland	hexazinone	7,229	57	4,871
Siskiyou	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	3,506	208	4,390
Siskiyou	Forest, timberland	triclopyr, butoxyethyl ester	1,689	21	819
Siskiyou	Alfalfa	paraquat dichloride	8,086	225	12,521
Siskiyou	Alfalfa	malathion	5,811	169	7,418
Siskiyou	Alfalfa	metribuzin	5,351	183	9,768
Siskiyou	Alfalfa	pendimethalin	4,755	33	2,156
Siskiyou	Alfalfa	methylated soybean oil*	3,491	261	18,670
Solano	Grape, wine	sulfur	306,588	1,052	29,809
Solano	Grape, wine	lime-sulfur	17,311	16	686
Solano	Grape, wine	mineral oil	3,336	72	849
Solano	Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate*	2,368	388	8,807
Solano	Grape, wine	glyphosate, isopropylamine salt	2,236	45	934
Solano	Landscape maintenance	mineral oil	292,504	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Solano	Landscape maintenance	glyphosate, isopropylamine salt	8,218	11	87
Solano	Landscape maintenance	glyphosate, potassium salt	2,565	1	18
Solano	Landscape maintenance	pendimethalin	1,542	<0.01	<0.01
Solano	Landscape maintenance	triclopyr, butoxyethyl ester	1,185	<0.01	<0.01
Solano	Almond	sulfur	46,506	23	5,119
Solano	Almond	glufosinate-ammonium	23,976	300	22,005
Solano	Almond	mineral oil	18,489	61	14,086
Solano	Almond	glyphosate, isopropylamine salt	14,545	151	7,266
Solano	Almond	glyphosate, potassium salt	13,509	172	5,909
Solano	Tomato, processing	sulfur	161,578	160	6,921
Solano	Tomato, processing	s-metolachlor	11,436	149	6,722
Solano	Tomato, processing	chlorothalonil	8,795	89	4,406
Solano	Tomato, processing	trifluralin	3,781	149	6,880
Solano	Tomato, processing	carbaryl	3,678	127	5,799
Solano	Walnut	copper hydroxide	24,282	187	8,448
Solano	Walnut	glyphosate, isopropylamine salt	11,336	166	7,836
Solano	Walnut	mineral oil	10,264	34	995
Solano	Walnut	mancozeb	10,021	112	6,043
Solano	Walnut	glyphosate, potassium salt	7,443	207	4,891
Sonoma	Grape, wine	sulfur	1,912,347	14,791	274,105
Sonoma	Grape, wine	mineral oil	249,522	4,976	56,477
Sonoma	Grape, wine	glyphosate, potassium salt	32,351	2,014	19,848
Sonoma	Grape, wine	1,3-dichloropropene	31,318	3	94
Sonoma	Grape, wine	glufosinate-ammonium	18,278	2,719	20,556
Sonoma	Apple	mineral oil	18,426	95	641
Sonoma	Apple	kaolin	16,624	74	541
Sonoma	Apple	sulfur	9,133	188	1,367
Sonoma	Apple	lime-sulfur	8,949	154	1,114

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Sonoma	Apple	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	804	92	800
Sonoma	Landscape maintenance	prodiamine	16,296	<0.01	<0.01
Sonoma	Landscape maintenance	potassium phosphite	8,201	6	16
Sonoma	Landscape maintenance	glyphosate, isopropylamine salt	3,089	3	10
Sonoma	Landscape maintenance	mineral oil	2,067	<0.01	<0.01
Sonoma	Landscape maintenance	chlorothalonil	2,018	15	41
Sonoma	Structural pest control	sulfuryl fluoride	33,843	<0.01	<0.01
Sonoma	Structural pest control	disodium octaborate tetrahydrate	3,692	<0.01	<0.01
Sonoma	Structural pest control	boric acid	1,421	<0.01	<0.01
Sonoma	Structural pest control	imidacloprid	409	<0.01	<0.01
Sonoma	Structural pest control	bifenthrin	292	<0.01	<0.01
Sonoma	Water area	bacillus thuringiensis, subsp. israelensis, strain am 65-52	14,135	<0.01	5,233
Sonoma	Water area	methoprene	1,085	<0.01	1,519
Sonoma	Water area	copper sulfate (pentahydrate)	771	6	143
Sonoma	Water area	glyphosate, isopropylamine salt	488	7	166
Sonoma	Water area	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	418	<0.01	500
Stanislaus	Almond	carbaryl	N/A	1	40
Stanislaus	Almond	mineral oil	1,951,247	3,778	206,392
Stanislaus	Almond	1,3-dichloropropene	710,310	125	2,169
Stanislaus	Almond	glyphosate, isopropylamine salt	214,557	3,141	118,454
Stanislaus	Almond	glyphosate, potassium salt	197,723	2,834	104,542
Stanislaus	Walnut	copper hydroxide	119,639	738	26,834

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Stanislaus	Walnut	kaolin	80,365	72	2,946
Stanislaus	Walnut	mancozeb	48,726	792	27,281
Stanislaus	Walnut	1,3-dichloropropene	45,672	16	210
Stanislaus	Walnut	mineral oil	39,696	416	14,233
Stanislaus	Grape, wine	sulfur	344,627	441	30,300
Stanislaus	Grape, wine	lime-sulfur	16,989	11	645
Stanislaus	Grape, wine	mineral oil	13,130	121	5,286
Stanislaus	Grape, wine	glyphosate, potassium salt	7,097	102	2,246
Stanislaus	Grape, wine	glufosinate-ammonium	6,214	183	5,353
Stanislaus	Sweet potato	1,3-dichloropropene	185,510	59	1,682
Stanislaus	Sweet potato	chlorpyrifos	1,371	18	684
Stanislaus	Sweet potato	ethoprop	254	1	65
Stanislaus	Sweet potato	glyphosate, potassium salt	240	1	116
Stanislaus	Sweet potato	chloropicrin	82	1	1
Stanislaus	Tomato, processing	flumioxazin	N/A	2	128
Stanislaus	Tomato, processing	sulfur	117,912	82	5,868
Stanislaus	Tomato, processing	chlorothalonil	16,052	108	7,752
Stanislaus	Tomato, processing	kaolin	3,230	4	170
Stanislaus	Tomato, processing	glyphosate, isopropylamine salt	3,136	26	1,808
Sutter	Rice	propanil	470,368	967	88,351
Sutter	Rice	copper sulfate (pentahydrate)	219,974	216	17,012
Sutter	Rice	thiobencarb	146,524	428	43,827
Sutter	Rice	sodium carbonate peroxyhydrate	112,908	58	5,964
Sutter	Rice	mineral oil	111,494	743	61,204
Sutter	Walnut	copper hydroxide	203,819	1,542	48,845
Sutter	Walnut	mancozeb	87,211	1,563	49,698
Sutter	Walnut	1,3-dichloropropene	70,179	10	231
Sutter	Walnut	kaolin	45,707	58	1,464
Sutter	Walnut	glyphosate, potassium salt	44,488	919	21,042
Sutter	Tomato, processing	sulfur	164,334	74	5,880
Sutter	Tomato, processing	kaolin	49,514	25	1,528

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Sutter	Tomato, processing	s-metolachlor	14,170	126	8,445
Sutter	Tomato, processing	chlorothalonil	7,656	58	4,320
Sutter	Tomato, processing	diazinon	6,119	31	1,653
Sutter	Peach	mineral oil	108,290	351	6,951
Sutter	Peach	1,3-dichloropropene	28,440	9	86
Sutter	Peach	ziram	26,853	272	6,387
Sutter	Peach	copper hydroxide	23,423	190	3,587
Sutter	Peach	copper sulfate (basic)	17,626	49	1,242
Sutter	Prune	mineral oil	112,551	246	9,619
Sutter	Prune	chlorothalonil	17,608	154	6,043
Sutter	Prune	glyphosate, potassium salt	8,468	153	3,862
Sutter	Prune	sulfur	8,164	10	782
Sutter	Prune	copper hydroxide	7,404	26	1,997
Tehama	Walnut	copper hydroxide	222,562	1,746	51,029
Tehama	Walnut	mancozeb	86,468	1,705	48,528
Tehama	Walnut	oleic acid, methyl ester*	37,624	30	974
Tehama	Walnut	glyphosate, isopropylamine salt	36,717	912	16,798
Tehama	Walnut	1,3-dichloropropene	24,328	108	73
Tehama	Almond	ziram	36,869	125	6,337
Tehama	Almond	mineral oil	32,407	67	3,062
Tehama	Almond	glyphosate, potassium salt	24,575	228	12,282
Tehama	Almond	glyphosate, isopropylamine salt	15,571	240	8,327
Tehama	Almond	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	14,404	578	33,109
Tehama	Soil fumigation/preplant	1,3-dichloropropene	134,399	8	414
Tehama	Soil fumigation/preplant	methyl bromide	29,775	9	129
Tehama	Soil fumigation/preplant	chloropicrin	22,305	9	129
Tehama	Uncultivated ag	1,3-dichloropropene	146,353	10	443
Tehama	Uncultivated ag	glyphosate, isopropylamine salt	3,263	205	2,046

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Tehama	Uncultivated ag	alkyl (c8,c10) polyglucoside*	805	283	2,352
Tehama	Uncultivated ag	ammonium sulfate	766	283	2,352
Tehama	Uncultivated ag	glufosinate-ammonium	607	120	503
Tehama	Commodity fumigation	propylene oxide	63,981	<0.01	<0.01
Tehama	Commodity fumigation	methyl bromide	48,769	<0.01	<0.01
Tehama	Commodity fumigation	sulfuryl fluoride	25,423	<0.01	<0.01
Tehama	Commodity fumigation	ddvp	177	<0.01	<0.01
Tehama	Commodity fumigation	phosphine	123	<0.01	<0.01
Trinity	Forest, timberland	methylated soybean oil*	15,278	176	7,845
Trinity	Forest, timberland	glyphosate, dimethylamine salt	9,800	154	7,683
Trinity	Forest, timberland	oxyfluorfen	5,643	28	3,937
Trinity	Forest, timberland	imazapyr, isopropylamine salt	3,171	144	5,946
Trinity	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	2,717	176	7,845
Trinity	Rights of way	methylated soybean oil*	5,163	<0.01	<0.01
Trinity	Rights of way	glyphosate, dimethylamine salt	4,152	<0.01	<0.01
Trinity	Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	918	<0.01	<0.01
Trinity	Rights of way	aminopyralid, triisopropanolamine salt	20	<0.01	<0.01
Trinity	Rights of way	indaziflam	12	<0.01	<0.01
Trinity	Unknown	methylated soybean oil*	335	8	133
Trinity	Unknown	glyphosate, dimethylamine salt	117	7	114
Trinity	Unknown	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	60	8	133
Trinity	Unknown	imazapyr, isopropylamine salt	57	7	114
Trinity	Unknown	triclopyr choline	39	1	19

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Trinity	Cannabis (all or unspecified)	mineral oil	23	1	0
Trinity	Cannabis (all or unspecified)	azadirachtin	<0.01	1	0
Trinity	Landscape maintenance	glyphosate, isopropylamine salt	16	<0.01	<0.01
Trinity	Landscape maintenance	oleic acid, ethyl ester*	4	<0.01	<0.01
Trinity	Landscape maintenance	polyethylene glycol stearate*	1	<0.01	<0.01
Trinity	Landscape maintenance	sulfometuron-methyl	0	<0.01	<0.01
Trinity	Landscape maintenance	triclopyr, triethylamine salt	0	<0.01	<0.01
Tulare	Orange	mineral oil	3,430,955	11,121	208,634
Tulare	Orange	calcium hydroxide	2,140,684	4,659	87,600
Tulare	Orange	copper sulfate (basic)	352,229	3,903	73,557
Tulare	Orange	kaolin	122,503	141	2,231
Tulare	Orange	cryolite	87,149	489	8,147
Tulare	Grape	sulfur	1,707,297	6,707	303,423
Tulare	Grape	lime-sulfur	194,848	233	9,385
Tulare	Grape	hydrogen cyanamide	73,694	112	5,517
Tulare	Grape	copper oxychloride	66,789	585	30,087
Tulare	Grape	sulfur dioxide	55,668	<0.01	24
Tulare	Almond	mineral oil	1,631,273	2,763	154,577
Tulare	Almond	glyphosate, potassium salt	94,408	1,065	46,727
Tulare	Almond	glyphosate, isopropylamine salt	83,938	1,069	48,322
Tulare	Almond	glufosinate-ammonium	66,549	1,540	67,871
Tulare	Almond	1,3-dichloropropene	60,102	2	184
Tulare	Tangerine	mineral oil	840,072	3,325	73,675
Tulare	Tangerine	calcium hydroxide	333,221	949	21,540
Tulare	Tangerine	kaolin	210,958	274	4,507
Tulare	Tangerine	copper sulfate (basic)	76,750	734	17,676
Tulare	Tangerine	glyphosate, potassium salt	25,066	861	21,083
Tulare	Soil fumigation/preplant	1,3-dichloropropene	687,870	139	2,116

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Tulare	Soil fumigation/preplant	potassium n-methyldithiocarbamate	62,019	11	287
Tulare	Soil fumigation/preplant	chloropicrin	40,671	31	207
Tulare	Soil fumigation/preplant	metam-sodium	10,001	1	34
Tulare	Soil fumigation/preplant	methyl bromide	4,212	1	14
Tuolumne	Forest, timberland	glyphosate, isopropylamine salt	12,625	113	3,049
Tuolumne	Forest, timberland	glyphosate, dimethylamine salt	10,644	192	3,099
Tuolumne	Forest, timberland	methylated soybean oil*	8,604	241	4,153
Tuolumne	Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	1,669	380	6,387
Tuolumne	Forest, timberland	oleic acid, ethyl ester*	1,024	15	1,380
Tuolumne	Rights of way	glyphosate, isopropylamine salt	2,108	<0.01	<0.01
Tuolumne	Rights of way	methylated soybean oil*	1,379	<0.01	<0.01
Tuolumne	Rights of way	pendimethalin	940	<0.01	<0.01
Tuolumne	Rights of way	glyphosate, dimethylamine salt	916	<0.01	<0.01
Tuolumne	Rights of way	oleic acid, ethyl ester*	763	<0.01	<0.01
Tuolumne	Landscape maintenance	glyphosate, potassium salt	3,161	<0.01	<0.01
Tuolumne	Landscape maintenance	glyphosate, isopropylamine salt	1,858	<0.01	<0.01
Tuolumne	Landscape maintenance	methylated soybean oil*	1,413	<0.01	<0.01
Tuolumne	Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)*	693	<0.01	<0.01
Tuolumne	Landscape maintenance	ammonium sulfate	663	<0.01	<0.01
Tuolumne	Structural pest control	boric acid	4,139	<0.01	<0.01
Tuolumne	Structural pest control	mineral oil	744	<0.01	<0.01

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Tuolumne	Structural pest control	bifenthrin	472	<0.01	<0.01
Tuolumne	Structural pest control	imidacloprid	222	<0.01	<0.01
Tuolumne	Structural pest control	permethrin	221	<0.01	<0.01
Tuolumne	Apple	mineral oil	500	2	36
Tuolumne	Apple	fatty acids, c16-c18 and c18-unsaturated, methyl esters*	11	2	36
Tuolumne	Apple	acetamiprid	6	1	18
Tuolumne	Apple	lime-sulfur	5	3	1
Tuolumne	Apple	oleic acid*	3	2	36
Ventura	Strawberry	chloropicrin	1,548,988	252	9,004
Ventura	Strawberry	potassium n-methyldithiocarbamate	425,612	37	1,702
Ventura	Strawberry	1,3-dichloropropene	254,191	59	1,891
Ventura	Strawberry	captan	118,886	1,663	72,502
Ventura	Strawberry	sulfur	91,376	752	30,757
Ventura	Lemon	mineral oil	1,400,761	2,464	45,726
Ventura	Lemon	glyphosate, potassium salt	56,168	2,147	28,424
Ventura	Lemon	sodium hypochlorite	42,448	<0.01	<0.01
Ventura	Lemon	glyphosate, isopropylamine salt	21,454	1,382	14,240
Ventura	Lemon	1,3-dichloropropene	15,933	1	48
Ventura	Avocado	mineral oil	181,859	810	12,342
Ventura	Avocado	glyphosate, potassium salt	31,668	1,774	12,642
Ventura	Avocado	glyphosate, isopropylamine salt	17,618	1,769	13,696
Ventura	Avocado	potassium phosphite	3,019	60	900
Ventura	Avocado	methylated soybean oil*	1,986	118	1,211
Ventura	Pepper, fruiting	metam-sodium	115,283	22	681
Ventura	Pepper, fruiting	cryolite	24,716	112	2,678
Ventura	Pepper, fruiting	1,3-dichloropropene	20,409	5	173
Ventura	Pepper, fruiting	chloropicrin	11,178	5	173
Ventura	Pepper, fruiting	potash soap	3,813	21	633
Ventura	Celery	chlorothalonil	24,797	783	13,464
Ventura	Celery	potash soap	11,467	186	1,817
Ventura	Celery	methylated soybean oil*	10,065	906	14,799
Ventura	Celery	prometryn	9,998	412	7,322

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Ventura	Celery	dicloran	8,748	194	3,491
Yolo	Grape, wine	sulfur	1,731,840	3,211	142,536
Yolo	Grape, wine	mineral oil	50,934	452	13,414
Yolo	Grape, wine	glyphosate, isopropylamine salt	12,356	277	6,611
Yolo	Grape, wine	glyphosate, potassium salt	9,718	350	6,167
Yolo	Grape, wine	glufosinate-ammonium	9,046	486	10,377
Yolo	Almond	glyphosate, potassium salt	49,905	339	22,982
Yolo	Almond	mineral oil	40,724	151	13,309
Yolo	Almond	methylated soybean oil*	28,607	855	47,707
Yolo	Almond	chlorothalonil	27,792	153	12,683
Yolo	Almond	glyphosate, isopropylamine salt	23,793	314	13,959
Yolo	Tomato, processing	sulfur	221,913	142	9,999
Yolo	Tomato, processing	kaolin	32,982	15	1,189
Yolo	Tomato, processing	s-metolachlor	16,690	161	9,832
Yolo	Tomato, processing	chlorothalonil	14,717	131	8,597
Yolo	Tomato, processing	glyphosate, isopropylamine salt	11,174	78	5,543
Yolo	Rice	propanil	91,953	180	16,795
Yolo	Rice	sodium carbonate peroxyhydrate	49,241	26	2,903
Yolo	Rice	thiobencarb	40,624	103	11,549
Yolo	Rice	copper sulfate (pentahydrate)	29,826	11	2,042
Yolo	Rice	mineral oil	19,741	118	10,638
Yolo	Uncultivated ag	glyphosate, isopropylamine salt	46,515	389	28,791
Yolo	Uncultivated ag	1,3-dichloropropene	46,172	2	139
Yolo	Uncultivated ag	glyphosate, potassium salt	25,595	246	14,100
Yolo	Uncultivated ag	chloropicrin	14,830	2	75
Yolo	Uncultivated ag	methylated soybean oil*	13,595	500	35,117
Yuba	Rice	propanil	145,257	433	27,680
Yuba	Rice	copper sulfate (pentahydrate)	76,688	127	5,592
Yuba	Rice	thiobencarb	34,005	126	11,031

County	Commodity or Site	Chemical	Pounds Applied	Apps	Acre Treated
Yuba	Rice	mineral oil	33,297	339	18,955
Yuba	Rice	sodium carbonate peroxyhydrate	11,346	24	1,062
Yuba	Walnut	copper hydroxide	101,232	694	26,675
Yuba	Walnut	kaolin	50,908	46	1,510
Yuba	Walnut	mancozeb	48,334	673	27,188
Yuba	Walnut	glyphosate, potassium salt	25,742	358	11,987
Yuba	Walnut	1,3-dichloropropene	12,514	2	38
Yuba	Prune	mineral oil	80,524	149	6,729
Yuba	Prune	sulfur	29,310	42	3,915
Yuba	Prune	chlorothalonil	9,344	68	3,202
Yuba	Prune	copper hydroxide	4,841	13	1,397
Yuba	Prune	glyphosate, potassium salt	4,390	58	1,990
Yuba	Soil fumigation/preplant	1,3-dichloropropene	116,078	11	350
Yuba	Soil fumigation/preplant	chloropicrin	18,102	5	95
Yuba	Soil fumigation/preplant	glyphosate, potassium salt	30	3	11
Yuba	Soil fumigation/preplant	triclopyr, butoxyethyl ester	11	1	4
Yuba	Soil fumigation/preplant	ammonium propionate*	1	3	11
Yuba	Peach	mineral oil	40,119	100	2,283
Yuba	Peach	1,3-dichloropropene	14,207	3	43
Yuba	Peach	sulfur	11,194	43	1,051
Yuba	Peach	ziram	10,112	92	2,152
Yuba	Peach	copper hydroxide	5,422	41	858