

The Top Five Commodities by Pounds in each County in 2018

[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 commodities (sites) is determined by total pounds of chemicals used. 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 value in acres treated or number of applications therefore indicates nonagricultural uses. Values are rounded. 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	Pounds Applied	Apps	Acre Treated
Alameda	Structural pest control	97,389	0	0
Alameda	Landscape maintenance	66,169	0	0
Alameda	Grape, wine	45,161	6,428	47,114
Alameda	Rights of way	35,569	0	0
Alameda	Water area	13,355	0	391
Alpine	Rights of way	285	0	0
Alpine	Structural pest control	232	0	0
Alpine	Regulatory pest control	133	0	0
Alpine	Rangeland	118	24	130
Alpine	Alfalfa	115	4	280
Amador	Grape, wine	77,971	2,999	43,402
Amador	Forest, timberland	11,985	153	2,179
Amador	Rights of way	4,666	7	9

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Amador	Alfalfa	2,598	76	4,016
Amador	Landscape maintenance	2,340	0	0
Butte	Walnut	1,298,852	21,293	842,459
Butte	Rice	759,986	6,632	513,802
Butte	Almond	465,490	12,467	542,446
Butte	Prune	178,908	1,741	68,634
Butte	Peach	58,079	978	14,639
Calaveras	Landscape maintenance	29,161	0	0
Calaveras	Forest, timberland	15,133	212	4,495
Calaveras	Grape, wine	12,158	1,004	7,254
Calaveras	Rights of way	6,057	22	284
Calaveras	Walnut	5,388	93	3,531
Colusa	Rice	1,090,537	10,697	736,064
Colusa	Almond	699,192	16,080	1,002,042
Colusa	Walnut	328,623	4,955	247,543
Colusa	Tomato, processing	298,914	2,224	147,077
Colusa	Uncultivated ag	75,975	1,131	91,894
Contra Costa	Grape, wine	162,246	2,510	36,470
Contra Costa	Landscape maintenance	56,072	10	9
Contra Costa	Tomato, processing	53,636	813	35,115
Contra Costa	Rights of way	44,632	14	15
Contra Costa	Structural pest control	30,976	0	0
Del Norte	Soil fumigation/preplant	114,363	50	426
Del Norte	N-outdr flower	86,486	2,810	19,314
Del Norte	Forest, timberland	4,412	211	2,959
Del Norte	Rights of way	435	0	0
Del Norte	Structural pest control	335	0	0
El Dorado	Grape, wine	52,682	3,153	29,787

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
El Dorado	Forest, timberland	44,296	772	10,850
El Dorado	Apple	18,665	568	3,194
El Dorado	Landscape maintenance	14,347	7	22
El Dorado	Rights of way	10,096	10	10
Fresno	Almond	10,551,156	85,608	5,450,516
Fresno	Tomato, processing	5,661,384	9,438	1,074,542
Fresno	Grape	5,153,564	65,639	2,060,873
Fresno	Grape, wine	2,239,557	14,144	1,006,339
Fresno	Orange	1,610,421	17,297	399,045
Glenn	Almond	781,816	14,480	924,543
Glenn	Rice	735,645	8,218	471,356
Glenn	Walnut	538,851	11,283	420,868
Glenn	Olive	76,299	1,649	46,729
Glenn	Uncultivated ag	66,606	599	31,447
Humboldt	Forest, timberland	27,246	920	24,266
Humboldt	Rights of way	8,951	0	0
Humboldt	Structural pest control	2,311	0	0
Humboldt	N-grnhs flower	1,212	1,425	2,406
Humboldt	N-outdr flower	499	178	186
Imperial	Alfalfa	994,211	25,551	1,717,798
Imperial	Sugarbeet	784,371	5,261	369,775
Imperial	Carrot	774,022	2,373	111,279
Imperial	Bermudagrass	624,176	2,237	146,300
Imperial	Rights of way	358,792	0	0
Inyo	Regulatory pest control	11,542	0	0
Inyo	Alfalfa	1,999	50	2,887
Inyo	Rights of way	1,483	0	0
Inyo	Garlic	708	13	780

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Inyo	Structural pest control	681	0	0
Kern	Almond	9,072,935	57,200	4,234,951
Kern	Grape	4,856,770	46,362	2,271,750
Kern	Carrot	3,165,934	3,467	199,117
Kern	Orange	2,529,929	16,433	645,259
Kern	Pistachio	2,145,517	19,281	1,733,994
Kings	Tomato, processing	2,121,349	3,299	465,817
Kings	Cotton	1,490,078	19,945	3,476,769
Kings	Almond	961,854	13,139	792,898
Kings	Soil fumigation/preplant	627,230	137	14,362
Kings	Pistachio	608,163	8,123	575,009
Lake	Grape, wine	355,797	7,664	140,460
Lake	Pear	338,019	3,253	63,122
Lake	Water area	10,681	5	343
Lake	Landscape maintenance	9,989	8	38
Lake	Forest, timberland	6,498	33	4,446
Lassen	Strawberry	58,263	152	3,651
Lassen	Forest, timberland	14,100	226	10,181
Lassen	Alfalfa	5,963	327	16,810
Lassen	Rights of way	3,915	15	102
Lassen	Forage hay/silage	1,563	53	3,225
Los Angeles	Structural pest control	955,946	7	1
Los Angeles	Carrot	513,781	331	27,341
Los Angeles	Rights of way	303,827	5	1,462
Los Angeles	Water (industrial)	163,591	0	0
Los Angeles	Landscape maintenance	140,489	42	70
Madera	Almond	4,483,770	45,867	2,791,938
Madera	Grape, wine	2,376,417	11,711	725,621

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Madera	Grape	1,333,525	10,447	470,628
Madera	Pistachio	683,427	11,978	823,765
Madera	Tangerine	194,680	976	60,786
Marin	Landscape maintenance	22,803	0	0
Marin	Structural pest control	14,782	0	0
Marin	Water area	6,548	0	30
Marin	Grape, wine	5,604	265	2,122
Marin	Olive	5,049	159	758
Mariposa	Rights of way	3,405	0	0
Mariposa	Forest, timberland	1,237	15	645
Mariposa	Landscape maintenance	780	0	0
Mariposa	Animal premise	420	0	0
Mariposa	Water area	313	7	133
Mendocino	Lumber, treated	1,475,455	0	0
Mendocino	Grape, wine	587,456	11,166	205,203
Mendocino	Pear	127,872	1,004	37,271
Mendocino	Forest, timberland	28,673	716	30,828
Mendocino	Structural pest control	5,805	0	0
Merced	Almond	2,833,744	48,358	2,546,188
Merced	Tomato, processing	1,445,676	5,242	323,348
Merced	Sweet potato	1,423,538	838	21,783
Merced	Grape, wine	895,384	3,976	341,487
Merced	Cotton	350,676	16,732	779,702
Modoc	Potato	60,339	530	31,641
Modoc	Alfalfa	36,854	1,859	127,432
Modoc	Rights of way	21,766	6	620
Modoc	Forest, timberland	13,918	46	12,587
Modoc	Uncultivated ag	13,677	68	3,668

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Mono	Alfalfa	12,372	240	18,309
Mono	Landscape maintenance	526	2	5
Mono	Rights of way	505	0	0
Mono	Wheat (forage - fodder)	505	14	1,030
Mono	Forage hay/silage	209	4	184
Monterey	Strawberry	2,707,942	23,050	613,066
Monterey	Grape, wine	2,115,544	48,505	1,422,058
Monterey	Lettuce, leaf	734,675	141,610	1,433,866
Monterey	Lettuce, head	427,342	77,270	898,977
Monterey	Broccoli	259,454	40,505	418,248
Napa	Grape, wine	1,404,631	93,411	778,306
Napa	Water area	45,100	14	124
Napa	Fumigation, other	14,661	0	0
Napa	Soil fumigation/preplant	9,908	3	30
Napa	Landscape maintenance	9,480	0	0
Nevada	Rights of way	20,983	0	0
Nevada	Grape, wine	19,188	454	7,072
Nevada	Landscape maintenance	10,761	30	82
Nevada	Forest, timberland	3,078	64	1,996
Nevada	Structural pest control	1,255	0	0
Orange	Rights of way	598,280	29	175
Orange	Structural pest control	462,104	0	0
Orange	Landscape maintenance	137,879	7	15
Orange	Strawberry	68,934	384	8,883
Orange	Public health	47,098	0	0
Placer	Rice	131,279	1,055	60,971
Placer	Walnut	122,525	496	28,192
Placer	Landscape maintenance	49,099	0	0

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Placer	Rights of way	35,990	11	17
Placer	Public health	33,708	0	0
Plumas	Forest, timberland	19,260	266	11,001
Plumas	Rights of way	6,197	10	95
Plumas	Landscape maintenance	1,816	4	11
Plumas	Alfalfa	1,753	38	4,795
Plumas	Forage hay/silage	467	10	840
Riverside	Pepper, fruiting	526,263	2,847	84,297
Riverside	Grape	338,313	7,650	223,339
Riverside	Alfalfa	320,820	19,112	805,847
Riverside	Lemon	319,463	1,652	75,664
Riverside	Structural pest control	205,529	0	0
Sacramento	Grape, wine	3,750,266	13,455	756,073
Sacramento	Pear	699,274	3,044	134,136
Sacramento	Rice	109,822	916	65,044
Sacramento	Structural pest control	66,377	0	0
Sacramento	Landscape maintenance	65,799	0	0
San Benito	Pepper, fruiting	143,326	1,984	42,435
San Benito	Grape, wine	131,709	4,916	81,517
San Benito	Uncultivated ag	75,975	1,173	11,060
San Benito	Lettuce, leaf	72,259	14,847	113,689
San Benito	Spinach	30,595	9,645	62,793
San Bernardino	Water (industrial)	163,215	0	11
San Bernardino	Structural pest control	110,054	0	0
San Bernardino	Rights of way	72,055	0	0
San Bernardino	Landscape maintenance	46,459	118	1,563
San Bernardino	Orange	24,094	2,339	17,126
San Diego	Structural pest control	507,695	0	0

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Diego	Tomato	120,474	1,195	46,467
San Diego	Landscape maintenance	112,068	23	20
San Diego	Avocado	109,583	3,465	57,740
San Diego	Rights of way	101,254	0	0
San Francisco	Water (industrial)	6,475	0	0
San Francisco	Structural pest control	4,845	0	0
San Francisco	N-grnhs flower	4,843	0	3,643
San Francisco	Landscape maintenance	3,197	0	0
San Francisco	Rights of way	413	0	0
San Joaquin	Grape, wine	6,772,966	41,757	1,477,955
San Joaquin	Almond	1,517,150	31,995	1,213,378
San Joaquin	Walnut	1,393,846	26,979	859,145
San Joaquin	Tomato, processing	844,618	4,775	242,838
San Joaquin	Cherry	540,859	19,432	341,807
San Luis Obispo	Strawberry	1,093,619	6,427	293,140
San Luis Obispo	Grape, wine	870,564	21,631	778,380
San Luis Obispo	Industrial processing water	302,120	0	1
San Luis Obispo	Carrot	214,365	329	26,576
San Luis Obispo	Grape	72,505	429	25,995
San Mateo	Brussels sprout	65,926	1,161	13,831
San Mateo	Landscape maintenance	60,209	1	20
San Mateo	Structural pest control	57,559	0	0
San Mateo	Rights of way	11,997	0	0
San Mateo	Public health	9,933	0	0
Santa Barbara	Strawberry	2,168,726	18,910	602,958
Santa Barbara	Grape, wine	1,243,063	18,204	598,368
Santa Barbara	Carrot	276,764	878	34,004
Santa Barbara	Lemon	145,966	1,159	16,882

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Barbara	N-outdr flower	117,240	8,766	84,600
Santa Clara	Pepper, fruiting	224,440	1,841	48,752
Santa Clara	Structural pest control	222,965	4	1
Santa Clara	Landscape maintenance	111,710	17	8
Santa Clara	Grape, wine	69,787	1,501	18,014
Santa Clara	Tomato	51,988	695	15,600
Santa Cruz	Strawberry	638,812	6,028	114,435
Santa Cruz	Raspberry	178,479	2,854	40,501
Santa Cruz	Blackberry	94,471	2,990	20,686
Santa Cruz	Brussels sprout	88,890	1,714	29,504
Santa Cruz	Apple	60,276	824	11,505
Shasta	Forest, timberland	79,467	1,298	45,832
Shasta	Soil fumigation/preplant	63,357	20	188
Shasta	Rice, wild	47,505	84	5,490
Shasta	Rights of way	28,141	72	2,239
Shasta	Walnut	24,465	1,054	20,009
Sierra	Forest, timberland	1,820	69	1,703
Sierra	Rights of way	1,249	0	0
Sierra	Alfalfa	160	8	272
Sierra	Wheat (forage - fodder)	103	1	50
Sierra	County ag comm	91	0	0
Siskiyou	Soil fumigation/preplant	999,179	166	2,815
Siskiyou	Strawberry	136,197	1,114	45,031
Siskiyou	Potato	111,987	762	39,134
Siskiyou	Forest, timberland	56,361	476	23,415
Siskiyou	Alfalfa	40,560	1,801	108,433
Solano	Grape, wine	379,587	3,928	87,257
Solano	Almond	237,336	3,982	271,752

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Solano	Tomato, processing	200,596	2,487	108,500
Solano	Walnut	143,489	3,081	121,088
Solano	Alfalfa	103,231	3,561	179,191
Sonoma	Grape, wine	2,389,220	88,060	1,154,619
Sonoma	Apple	53,017	826	6,823
Sonoma	Structural pest control	38,426	0	0
Sonoma	Landscape maintenance	26,816	60	331
Sonoma	Rights of way	18,059	11	63
Stanislaus	Almond	4,772,367	71,503	3,400,103
Stanislaus	Walnut	773,502	16,988	503,296
Stanislaus	Grape, wine	645,004	3,525	180,734
Stanislaus	Sweet potato	172,926	101	2,949
Stanislaus	Peach	172,602	5,884	69,774
Sutter	Rice	1,087,882	7,331	655,539
Sutter	Walnut	683,992	13,112	384,290
Sutter	Peach	284,002	4,804	105,927
Sutter	Tomato, processing	270,557	1,166	85,880
Sutter	Prune	259,935	2,941	108,164
Tehama	Walnut	548,779	14,613	422,418
Tehama	Soil fumigation/preplant	250,264	27	791
Tehama	Almond	192,113	4,570	234,651
Tehama	Prune	74,793	1,804	46,812
Tehama	Commodity fumigation	64,800	0	0
Trinity	Forest, timberland	20,875	611	18,345
Trinity	Rights of way	1,035	0	0
Trinity	Structural pest control	57	0	0
Trinity	Landscape maintenance	38	0	0
Trinity	Peach	8	2	1

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tulare	Orange	6,651,593	82,603	1,588,858
Tulare	Grape	2,752,743	30,989	1,306,998
Tulare	Almond	2,132,543	22,578	1,264,362
Tulare	Tangerine	1,367,462	19,913	463,449
Tulare	Soil fumigation/preplant	1,057,163	285	3,626
Tuolumne	Forest, timberland	21,754	587	12,000
Tuolumne	Landscape maintenance	8,353	1	1
Tuolumne	Rights of way	6,309	7	3
Tuolumne	Structural pest control	2,230	0	0
Tuolumne	Grape, wine	456	73	499
Ventura	Strawberry	2,736,826	15,232	656,928
Ventura	Lemon	1,642,958	12,728	212,491
Ventura	Pepper, fruiting	267,363	2,865	80,288
Ventura	Avocado	264,272	6,112	70,104
Ventura	Raspberry	148,269	5,144	51,468
Yolo	Grape, wine	2,253,641	11,075	444,780
Yolo	Tomato, processing	493,652	2,991	181,563
Yolo	Almond	326,175	6,620	458,454
Yolo	Rice	294,367	1,584	167,312
Yolo	Walnut	171,946	4,119	151,320
Yuba	Rice	346,849	3,710	217,530
Yuba	Walnut	315,460	4,422	185,078
Yuba	Prune	121,875	1,086	43,805
Yuba	Peach	116,591	1,514	36,824
Yuba	Soil fumigation/preplant	61,009	13	461