

The Top Five Commodities by Acres Treated 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 cumulative acres treated. 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. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. Values are rounded. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Alameda	Grape, wine	45,161	6,428	47,114
Alameda	Almond	2,608	36	5,988
Alameda	Alfalfa	876	10	1,800
Alameda	Pistachio	543	34	1,795
Alameda	Oat (forage - fodder)	324	16	1,040
Alpine	Alfalfa	115	4	280
Alpine	Rangeland	118	24	130
Amador	Grape, wine	77,971	2,999	43,402
Amador	Alfalfa	2,598	76	4,016
Amador	Wheat (forage - fodder)	586	53	2,856
Amador	Forest, timberland	11,985	153	2,179
Amador	Pastureland	141	9	605
Butte	Walnut	1,298,852	21,293	842,459
Butte	Almond	465,490	12,467	542,446

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Butte	Rice	759,986	6,632	513,802
Butte	Prune	178,908	1,741	68,634
Butte	Uncultivated non-ag	13,207	284	10,447
Calaveras	Grape, wine	12,158	1,004	7,254
Calaveras	Forest, timberland	15,133	212	4,495
Calaveras	Walnut	5,388	93	3,531
Calaveras	Rangeland	404	30	1,644
Calaveras	Almond	490	9	1,140
Colusa	Almond	699,192	16,080	1,002,042
Colusa	Rice	1,090,537	10,697	736,064
Colusa	Walnut	328,623	4,955	247,543
Colusa	Uncultivated ag	75,975	1,131	91,894
Colusa	Tomato, processing	298,914	2,224	147,077
Contra Costa	Corn, human consumption	28,056	2,954	79,165
Contra Costa	Grape, wine	162,246	2,510	36,470
Contra Costa	Tomato, processing	53,636	813	35,115
Contra Costa	Uncultivated ag	14,652	540	22,662
Contra Costa	Alfalfa	12,287	342	23,784
Del Norte	N-outdr flower	86,486	2,810	19,314
Del Norte	Forest, timberland	4,412	211	2,959
Del Norte	Soil fumigation/preplant	114,363	50	426
Del Norte	N-grnhs plants in containers	273	443	268
Del Norte	N-outdr plants in containers	151	125	68
El Dorado	Grape, wine	52,682	3,153	29,787
El Dorado	Forest, timberland	44,296	772	10,850
El Dorado	Apple	18,665	568	3,194
El Dorado	Rangeland	303	65	422
El Dorado	Pear	5,216	89	515

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Fresno	Almond	10,551,156	85,608	5,450,516
Fresno	Cotton	1,095,094	20,696	1,902,008
Fresno	Pistachio	1,535,801	19,374	1,817,484
Fresno	Grape	5,153,564	65,639	2,060,873
Fresno	Tomato, processing	5,661,384	9,438	1,074,542
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	Cotton	23,489	652	47,462
Glenn	Olive	76,299	1,649	46,729
Humboldt	Forest, timberland	27,246	920	24,266
Humboldt	N-grnhs flower	1,212	1,425	2,406
Humboldt	N-outdr flower	499	178	186
Humboldt	Apple	255	31	114
Humboldt	Industrial hemp	224	336	24
Imperial	Alfalfa	994,211	25,551	1,717,798
Imperial	Corn, human consumption	119,996	5,695	320,609
Imperial	Sugarbeet	784,371	5,261	369,775
Imperial	Lettuce, leaf	128,253	15,659	300,585
Imperial	Onion, dry	241,874	4,141	214,420
Inyo	Alfalfa	1,999	50	2,887
Inyo	Garlic	708	13	780
Inyo	Uncultivated non-ag	85	0	206
Inyo	Forage hay/silage	113	4	120
Inyo	Pastureland	58	12	33
Kern	Almond	9,072,935	57,200	4,234,951
Kern	Grape	4,856,770	46,362	2,271,750
Kern	Pistachio	2,145,517	19,281	1,733,994

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kern	Orange	2,529,929	16,433	645,259
Kern	Cotton	251,009	5,506	476,239
Kings	Cotton	1,490,078	19,945	3,476,769
Kings	Almond	961,854	13,139	792,898
Kings	Pistachio	608,163	8,123	575,009
Kings	Safflower	230,722	1,691	468,265
Kings	Tomato, processing	2,121,349	3,299	465,817
Lake	Grape, wine	355,797	7,664	140,460
Lake	Pear	338,019	3,253	63,122
Lake	Walnut	6,130	274	5,295
Lake	Forest, timberland	6,498	33	4,446
Lake	Rights of way	3,375	98	740
Lassen	Alfalfa	5,963	327	16,810
Lassen	Forest, timberland	14,100	226	10,181
Lassen	Wheat	1,297	39	3,350
Lassen	Forage hay/silage	1,563	53	3,225
Lassen	Strawberry	58,263	152	3,651
Los Angeles	Carrot	513,781	331	27,341
Los Angeles	Potato	8,475	173	16,177
Los Angeles	Onion, dry	11,795	240	14,285
Los Angeles	N-outdr plants in containers	9,492	4,605	7,912
Los Angeles	Golf course turf	1,960	0	2,762
Madera	Almond	4,483,770	45,867	2,791,938
Madera	Pistachio	683,427	11,978	823,765
Madera	Grape, wine	2,376,417	11,711	725,621
Madera	Grape	1,333,525	10,447	470,628
Madera	Corn (forage - fodder)	28,116	998	53,527
Marin	Grape, wine	5,604	265	2,122

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Marin	Olive	5,049	159	758
Marin	Pastureland	157	15	405
Marin	N-grnhs flower	3,961	0	152
Marin	N-grnhs transplants	15	0	111
Mariposa	Forest, timberland	1,237	15	645
Mariposa	Rangeland	155	38	452
Mariposa	Apple	123	45	141
Mariposa	Water area	313	7	133
Mariposa	Recreation area	37	13	95
Mendocino	Grape, wine	587,456	11,166	205,203
Mendocino	Forest, timberland	28,673	716	30,828
Mendocino	Pear	127,872	1,004	37,271
Mendocino	Alfalfa	146	4	240
Mendocino	Apple	1,738	43	222
Merced	Almond	2,833,744	48,358	2,546,188
Merced	Cotton	350,676	16,732	779,702
Merced	Alfalfa	215,448	7,461	407,948
Merced	Corn (forage - fodder)	163,959	5,726	281,778
Merced	Tomato, processing	1,445,676	5,242	323,348
Modoc	Alfalfa	36,854	1,859	127,432
Modoc	Potato	60,339	530	31,641
Modoc	Onion, dry	10,058	348	25,917
Modoc	Wheat	3,873	213	14,099
Modoc	Mint	2,956	152	9,544
Mono	Alfalfa	12,372	240	18,309
Mono	Wheat (forage - fodder)	505	14	1,030
Mono	Forage hay/silage	209	4	184
Mono	Pastureland	48	3	196

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Mono	Garlic	12	3	18
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	Strawberry	2,707,942	23,050	613,066
Monterey	Broccoli	259,454	40,505	418,248
Napa	Grape, wine	1,404,631	93,411	778,306
Napa	Wheat	418	5	822
Napa	Olive	708	407	564
Napa	Oat (forage - fodder)	355	25	450
Napa	Uncultivated ag	829	72	265
Nevada	Grape, wine	19,188	454	7,072
Nevada	Forest, timberland	3,078	64	1,996
Nevada	Uncultivated non-ag	18	5	354
Nevada	Pastureland	42	2	203
Nevada	Golf course turf	403	0	291
Orange	N-outdr plants in containers	6,284	4,657	15,149
Orange	Strawberry	68,934	384	8,883
Orange	Pepper, fruiting	9,386	292	4,391
Orange	Golf course turf	6,071	17	4,034
Orange	Avocado	15,891	299	4,096
Placer	Rice	131,279	1,055	60,971
Placer	Walnut	122,525	496	28,192
Placer	Almond	4,586	141	11,208
Placer	N-outdr plants in containers	2,199	1,203	2,324
Placer	Forage hay/silage	524	16	1,075
Plumas	Forest, timberland	19,260	266	11,001
Plumas	Alfalfa	1,753	38	4,795

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Plumas	Rangeland	4	1	1,621
Plumas	Forage hay/silage	467	10	840
Plumas	Grain	130	2	240
Riverside	Alfalfa	320,820	19,112	805,847
Riverside	Cotton	81,584	4,170	200,941
Riverside	Grape	338,313	7,650	223,339
Riverside	Pepper, fruiting	526,263	2,847	84,297
Riverside	Lemon	319,463	1,652	75,664
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	Alfalfa	34,262	1,880	59,485
Sacramento	Corn, grain	17,346	1,326	39,106
San Benito	Lettuce, leaf	72,259	14,847	113,689
San Benito	Grape, wine	131,709	4,916	81,517
San Benito	Spinach	30,595	9,645	62,793
San Benito	Pepper, fruiting	143,326	1,984	42,435
San Benito	Lettuce, head	12,261	2,670	26,090
San Bernardino	N-outdr plants in containers	5,992	1,237	73,595
San Bernardino	Orange	24,094	2,339	17,126
San Bernardino	Alfalfa	11,732	161	15,667
San Bernardino	Wheat (forage - fodder)	1,645	83	3,080
San Bernardino	Lemon	1,169	97	3,035
San Diego	N-outdr plants in containers	79,240	28,301	51,860
San Diego	Avocado	109,583	3,465	57,740
San Diego	Tomato	120,474	1,195	46,467
San Diego	Orange	61,148	1,490	40,108
San Diego	N-outdr flower	38,003	6,280	20,742

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Francisco	N-grnhs flower	4,843	0	3,643
San Francisco	N-outdr flower	60	0	86
San Francisco	N-grnhs plants in containers	24	0	114
San Francisco	Industrial hemp	121	784	32
San Francisco	Golf course turf	162	0	29
San Joaquin	Almond	1,517,150	31,995	1,213,378
San Joaquin	Grape, wine	6,772,966	41,757	1,477,955
San Joaquin	Walnut	1,393,846	26,979	859,145
San Joaquin	Alfalfa	171,073	8,170	345,339
San Joaquin	Cherry	540,859	19,432	341,807
San Luis Obispo	Grape, wine	870,564	21,631	778,380
San Luis Obispo	Strawberry	1,093,619	6,427	293,140
San Luis Obispo	Lettuce, head	41,220	8,080	69,356
San Luis Obispo	Broccoli	30,055	5,579	50,838
San Luis Obispo	Cauliflower	20,937	3,292	32,015
San Mateo	Brussels sprout	65,926	1,161	13,831
San Mateo	N-grnhs plants in containers	5,720	4,052	2,687
San Mateo	Uncultivated ag	691	125	840
San Mateo	Fava bean	437	246	1,481
San Mateo	Golf course turf	4,924	0	1,546
Santa Barbara	Strawberry	2,168,726	18,910	602,958
Santa Barbara	Grape, wine	1,243,063	18,204	598,368
Santa Barbara	Lettuce, head	102,845	17,904	203,299
Santa Barbara	Broccoli	87,354	16,255	163,691
Santa Barbara	Uncultivated ag	8,751	681	78,902
Santa Clara	Pepper, fruiting	224,440	1,841	48,752
Santa Clara	Lettuce, leaf	21,519	4,315	41,512
Santa Clara	Corn, human consumption	4,357	1,715	19,840

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Clara	Cherry	22,947	659	18,938
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	Lettuce, leaf	19,907	2,947	34,033
Santa Cruz	Brussels sprout	88,890	1,714	29,504
Santa Cruz	Lettuce, head	19,988	2,442	31,987
Shasta	Forest, timberland	79,467	1,298	45,832
Shasta	Walnut	24,465	1,054	20,009
Shasta	Forage hay/silage	2,888	134	6,218
Shasta	Wheat	1,671	186	5,079
Shasta	Timothy	1,929	102	4,285
Sierra	Rangeland	3	0	1,500
Sierra	Forest, timberland	1,820	69	1,703
Sierra	Alfalfa	160	8	272
Sierra	Wheat (forage - fodder)	103	1	50
Sierra	Pastureland	2	1	10
Siskiyou	Alfalfa	40,560	1,801	108,433
Siskiyou	Potato	111,987	762	39,134
Siskiyou	Strawberry	136,197	1,114	45,031
Siskiyou	Onion, dry	6,835	535	23,704
Siskiyou	Forest, timberland	56,361	476	23,415
Solano	Almond	237,336	3,982	271,752
Solano	Alfalfa	103,231	3,561	179,191
Solano	Uncultivated ag	82,028	2,895	133,539
Solano	Walnut	143,489	3,081	121,088
Solano	Tomato, processing	200,596	2,487	108,500
Sonoma	Grape, wine	2,389,220	88,060	1,154,619

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sonoma	Rangeland	1,429	61	8,279
Sonoma	Oat	2,329	68	8,003
Sonoma	Apple	53,017	826	6,823
Sonoma	N-outdr plants in containers	760	722	2,161
Stanislaus	Almond	4,772,367	71,503	3,400,103
Stanislaus	Walnut	773,502	16,988	503,296
Stanislaus	Corn (forage - fodder)	133,524	5,076	211,266
Stanislaus	Grape, wine	645,004	3,525	180,734
Stanislaus	Alfalfa	64,804	2,568	100,197
Sutter	Rice	1,087,882	7,331	655,539
Sutter	Walnut	683,992	13,112	384,290
Sutter	Almond	121,136	2,678	116,460
Sutter	Prune	259,935	2,941	108,164
Sutter	Peach	284,002	4,804	105,927
Tehama	Walnut	548,779	14,613	422,418
Tehama	Almond	192,113	4,570	234,651
Tehama	Prune	74,793	1,804	46,812
Tehama	Olive	29,887	826	27,385
Tehama	Forest, timberland	39,364	560	16,904
Trinity	Forest, timberland	20,875	611	18,345
Trinity	Peach	8	2	1
Trinity	Pear	1	2	1
Trinity	Apple	1	2	1
Tulare	Orange	6,651,593	82,603	1,588,858
Tulare	Almond	2,132,543	22,578	1,264,362
Tulare	Grape	2,752,743	30,989	1,306,998
Tulare	Pistachio	608,044	12,988	713,487
Tulare	Corn (forage - fodder)	266,998	8,532	446,365

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tuolumne	Forest, timberland	21,754	587	12,000
Tuolumne	Rangeland	155	23	3,269
Tuolumne	Poultry	0	36	708
Tuolumne	Grape, wine	456	73	499
Tuolumne	Apple	71	37	104
Ventura	Strawberry	2,736,826	15,232	656,928
Ventura	Celery	128,830	13,230	229,243
Ventura	Lemon	1,642,958	12,728	212,491
Ventura	Cabbage	58,517	7,504	88,370
Ventura	Pepper, fruiting	267,363	2,865	80,288
Yolo	Almond	326,175	6,620	458,454
Yolo	Grape, wine	2,253,641	11,075	444,780
Yolo	Uncultivated ag	151,060	3,571	235,906
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	Almond	20,836	327	15,463