

# The Top Five Commodities by Acres Treated in each County in 2019

[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	57,391	6,784	54,653
Alameda	Almond	6,275	68	11,437
Alameda	Alfalfa	978	14	2,420
Alameda	Pistachio	590	24	1,679
Alameda	Golf course turf	1,988	0	1,578
Alpine	Rangeland	60	5	23
Alpine	Pastureland	4	4	8
Alpine	Alfalfa	4	6	5
Amador	Grape, wine	110,746	5,418	52,013
Amador	Alfalfa	2,352	71	3,649
Amador	Wheat (forage - fodder)	649	55	2,796
Amador	Forest, timberland	10,671	79	2,184
Amador	Walnut	284	32	384
Butte	Walnut	1,119,257	20,256	818,816

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Butte	Rice	882,810	7,564	603,120
Butte	Almond	418,976	11,543	503,884
Butte	Prune	132,317	1,602	62,237
Butte	Tomato, processing	22,707	102	20,279
Calaveras	Grape, wine	13,808	861	7,359
Calaveras	Rangeland	1,679	33	4,528
Calaveras	Forest, timberland	13,155	305	5,427
Calaveras	Walnut	6,821	106	4,262
Calaveras	Almond	683	8	1,040
Colusa	Almond	554,071	15,406	946,291
Colusa	Rice	989,138	10,111	691,375
Colusa	Walnut	302,747	4,426	224,609
Colusa	Tomato, processing	220,231	3,203	186,109
Colusa	Uncultivated ag	104,571	1,655	113,606
Contra Costa	Corn, human consumption	24,308	3,105	75,798
Contra Costa	Uncultivated ag	18,087	770	30,087
Contra Costa	Grape, wine	147,462	2,706	32,720
Contra Costa	Tomato, processing	49,114	853	35,899
Contra Costa	Alfalfa	8,988	333	18,304
Del Norte	N-outdr flower	83,065	2,650	18,918
Del Norte	Forest, timberland	1,128	82	1,335
Del Norte	Soil fumigation/preplant	142,978	56	472
Del Norte	N-grnhs plants in containers	298	500	267
Del Norte	N-outdr plants in containers	107	63	40
El Dorado	Grape, wine	64,149	4,363	36,845
El Dorado	Forest, timberland	60,491	897	15,033
El Dorado	Apple	13,085	584	3,456
El Dorado	Rangeland	565	106	936

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
El Dorado	Peach	1,792	181	337
Fresno	Almond	9,696,729	91,055	5,700,283
Fresno	Cotton	1,153,430	22,360	2,113,295
Fresno	Pistachio	1,634,015	21,073	1,865,178
Fresno	Grape	5,141,084	64,871	2,015,083
Fresno	Tomato, processing	5,241,097	10,819	1,260,773
Glenn	Almond	755,492	14,996	1,028,395
Glenn	Rice	711,245	8,975	520,366
Glenn	Walnut	494,271	11,330	404,010
Glenn	Cotton	21,063	736	50,875
Glenn	Olive	84,224	1,761	42,123
Humboldt	Forest, timberland	23,809	847	16,025
Humboldt	N-grnhs flower	1,155	1,451	2,205
Humboldt	Golf course turf	155	0	489
Humboldt	Apple	212	26	86
Humboldt	Cannabis (all or unspecified)	1,254	1,295	79
Imperial	Alfalfa	978,700	21,746	1,474,982
Imperial	Lettuce, leaf	172,840	17,486	363,111
Imperial	Corn, human consumption	118,896	5,191	310,370
Imperial	Sugarbeet	908,985	4,800	337,548
Imperial	Onion, dry	231,913	3,564	208,979
Inyo	Alfalfa	2,211	47	3,968
Inyo	Forage hay/silage	441	5	415
Inyo	Garlic	403	14	687
Inyo	Uncultivated ag	333	18	330
Inyo	Golf course turf	151	0	72
Kern	Almond	8,316,841	64,008	4,575,353
Kern	Grape	5,593,682	51,042	2,477,281

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Kern	Pistachio	2,078,897	22,230	1,757,496
Kern	Orange	3,100,888	16,925	647,410
Kern	Cotton	221,819	5,480	443,239
Kings	Cotton	1,510,853	21,794	3,837,419
Kings	Almond	961,925	13,612	798,549
Kings	Pistachio	607,875	10,193	623,875
Kings	Safflower	231,928	1,991	469,380
Kings	Uncultivated ag	246,515	2,453	451,324
Lake	Grape, wine	485,898	8,302	163,119
Lake	Pear	305,575	2,957	58,533
Lake	Walnut	2,783	193	4,620
Lake	Rights of way	6,484	123	898
Lake	Water area	10,670	7	712
Lassen	Alfalfa	18,221	476	42,809
Lassen	Forest, timberland	17,009	274	12,458
Lassen	Strawberry	85,261	188	4,157
Lassen	Pastureland	619	76	1,786
Lassen	Wheat	1,107	35	1,338
Los Angeles	Carrot	311,047	418	31,202
Los Angeles	Potato	4,641	103	11,146
Los Angeles	N-outdr plants in containers	10,821	4,740	9,417
Los Angeles	Alfalfa	2,610	38	3,990
Los Angeles	Uncultivated non-ag	67	0	2,891
Madera	Almond	4,095,813	52,825	3,040,212
Madera	Pistachio	688,696	13,198	857,295
Madera	Grape, wine	2,226,050	11,460	676,482
Madera	Grape	1,444,658	10,869	487,052
Madera	Corn (forage - fodder)	27,085	1,160	60,916

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Marin	Grape, wine	5,868	320	2,215
Marin	Pastureland	219	20	802
Marin	Olive	2,766	83	447
Marin	Water (industrial)	2,239	0	94
Marin	Water area	10,389	0	30
Mariposa	Rangeland	1,320	21	653
Mariposa	Forest, timberland	476	10	306
Mariposa	Apple	134	48	152
Mariposa	Rights of way	11,179	91	194
Mariposa	Water area	401	4	166
Mendocino	Grape, wine	701,324	11,363	214,996
Mendocino	Pear	126,026	922	34,248
Mendocino	Forest, timberland	18,549	488	13,316
Mendocino	Apple	1,074	31	188
Mendocino	Alfalfa	21	3	180
Merced	Almond	2,937,712	51,390	2,635,271
Merced	Cotton	379,323	17,281	818,257
Merced	Alfalfa	182,302	6,794	360,155
Merced	Corn (forage - fodder)	188,764	6,585	324,606
Merced	Tomato, processing	1,248,988	4,504	289,285
Modoc	Alfalfa	40,281	1,176	83,089
Modoc	Potato	66,821	672	39,796
Modoc	Onion, dry	10,687	375	28,734
Modoc	Mint	4,351	125	8,847
Modoc	Wheat	4,298	154	11,288
Mono	Alfalfa	10,140	198	17,327
Mono	Wheat (forage - fodder)	121	3	375
Mono	Forage hay/silage	169	6	350

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
<b>Mono</b>	Pastureland	125	2	200
<b>Mono</b>	Uncultivated ag	199	6	136
<b>Monterey</b>	Grape, wine	2,136,442	52,144	1,514,740
<b>Monterey</b>	Lettuce, leaf	830,618	148,949	1,490,078
<b>Monterey</b>	Lettuce, head	469,363	80,914	936,675
<b>Monterey</b>	Strawberry	3,143,643	20,728	575,608
<b>Monterey</b>	Broccoli	319,470	48,144	500,542
<b>Napa</b>	Grape, wine	1,465,110	114,043	797,491
<b>Napa</b>	Wheat	114	3	1,140
<b>Napa</b>	Pastureland	416	9	571
<b>Napa</b>	Water area	3,883	12	657
<b>Napa</b>	Olive	1,235	665	778
<b>Nevada</b>	Grape, wine	19,740	392	7,181
<b>Nevada</b>	Pastureland	12	4	3,059
<b>Nevada</b>	Forest, timberland	2,921	51	1,835
<b>Nevada</b>	Golf course turf	386	0	391
<b>Nevada</b>	Rangeland	24	0	121
<b>Orange</b>	Strawberry	70,225	261	5,295
<b>Orange</b>	Pepper, fruiting	6,265	320	4,844
<b>Orange</b>	Golf course turf	9,243	50	5,027
<b>Orange</b>	N-outdr plants in containers	5,059	3,439	3,033
<b>Orange</b>	Avocado	10,107	206	2,740
<b>Placer</b>	Rice	132,045	1,057	58,317
<b>Placer</b>	Walnut	81,043	593	38,527
<b>Placer</b>	Almond	9,930	149	13,504
<b>Placer</b>	Forest, timberland	18,383	207	9,293
<b>Placer</b>	Alfalfa	2,125	84	2,984
<b>Plumas</b>	Forest, timberland	16,859	270	9,305

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Plumas	Alfalfa	428	31	3,465
Plumas	Uncultivated ag	517	12	812
Plumas	Forage hay/silage	639	10	860
Plumas	Golf course turf	388	0	294
Riverside	Alfalfa	263,911	17,697	699,645
Riverside	Cotton	92,109	4,946	223,901
Riverside	Grape	305,127	6,229	184,863
Riverside	Lemon	413,214	1,878	89,716
Riverside	Pepper, fruiting	572,444	3,151	79,309
Sacramento	Grape, wine	3,260,757	12,916	730,246
Sacramento	Pear	673,472	2,861	124,679
Sacramento	Almond	36,417	1,237	47,803
Sacramento	Alfalfa	29,819	1,782	58,088
Sacramento	Rice	93,760	702	55,989
San Benito	Grape, wine	150,129	4,709	87,010
San Benito	Lettuce, leaf	64,273	12,079	88,231
San Benito	Spinach	31,524	10,280	65,223
San Benito	Pepper, fruiting	119,648	1,691	39,544
San Benito	Uncultivated ag	26,382	1,983	22,850
San Bernardino	Forest, timberland	10,177	0	626,246
San Bernardino	N-outdr plants in containers	4,898	1,160	243,097
San Bernardino	Alfalfa	12,778	151	17,327
San Bernardino	Orange	23,449	2,152	14,794
San Bernardino	Wheat (forage - fodder)	1,939	76	3,785
San Diego	N-outdr plants in containers	63,547	29,553	52,298
San Diego	Tomato	109,095	1,205	47,375
San Diego	Avocado	71,993	3,209	43,892
San Diego	Orange	74,024	1,399	40,002

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Diego	N-outdr flower	39,784	7,050	23,557
San Francisco	N-grnhs flower	4,443	0	3,554
San Francisco	N-grnhs transplants	1,316	0	472
San Francisco	Industrial hemp	157	1,247	422
San Francisco	Turf/sod	31	0	38
San Francisco	Golf course turf	562	0	29
San Joaquin	Almond	1,732,039	34,693	1,385,136
San Joaquin	Grape, wine	7,223,190	41,550	1,390,249
San Joaquin	Walnut	1,115,873	26,506	878,981
San Joaquin	Alfalfa	147,839	7,929	340,124
San Joaquin	Cherry	513,827	22,290	374,277
San Luis Obispo	Grape, wine	907,190	22,627	710,352
San Luis Obispo	Strawberry	1,081,276	9,603	348,390
San Luis Obispo	Lettuce, head	41,398	8,519	78,401
San Luis Obispo	Broccoli	23,288	5,088	47,612
San Luis Obispo	Cauliflower	22,444	2,973	26,741
San Mateo	Brussels sprout	10,037	439	5,376
San Mateo	N-grnhs plants in containers	3,575	3,112	1,879
San Mateo	Rangeland	1,241	11	1,266
San Mateo	Turf/sod	2,942	81	928
San Mateo	Water area	6,874	0	586
Santa Barbara	Strawberry	2,408,153	20,065	628,642
Santa Barbara	Grape, wine	1,219,564	32,983	575,065
Santa Barbara	Lettuce, head	99,139	17,475	199,064
Santa Barbara	Uncultivated ag	10,571	719	85,437
Santa Barbara	Broccoli	76,567	15,606	152,372
Santa Clara	Pepper, fruiting	157,652	1,715	41,432
Santa Clara	Lettuce, leaf	23,182	4,062	38,338



County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Santa Clara	Cherry	17,819	956	21,646
Santa Clara	Corn, human consumption	3,412	1,159	13,690
Santa Clara	Grape, wine	47,839	1,435	17,988
Santa Cruz	Strawberry	651,547	6,086	99,609
Santa Cruz	Lettuce, head	19,708	2,383	31,458
Santa Cruz	Raspberry	245,581	3,317	36,497
Santa Cruz	Lettuce, leaf	19,424	2,630	29,899
Santa Cruz	Brussels sprout	95,245	1,249	21,898
Shasta	Forest, timberland	111,891	1,430	67,026
Shasta	Walnut	36,484	1,184	26,885
Shasta	Forage hay/silage	3,031	198	7,022
Shasta	Timothy	1,718	84	3,808
Shasta	Wheat	1,197	118	3,881
Sierra	Forest, timberland	2,068	50	1,511
Sierra	Forage hay/silage	192	5	200
Sierra	Alfalfa	149	6	274
Sierra	Pastureland	64	3	162
Sierra	Uncultivated ag	132	1	135
Siskiyou	Alfalfa	46,335	1,703	94,256
Siskiyou	Strawberry	58,426	1,254	56,139
Siskiyou	Potato	65,690	785	40,676
Siskiyou	Forest, timberland	63,104	661	34,491
Siskiyou	Onion, dry	8,485	549	25,607
Solano	Almond	316,808	3,662	299,239
Solano	Uncultivated ag	91,663	2,818	153,366
Solano	Alfalfa	69,455	2,806	140,012
Solano	Walnut	86,672	2,973	107,701
Solano	Tomato, processing	182,544	2,290	96,728

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sonoma	Grape, wine	2,373,039	103,602	1,134,795
Sonoma	Water area	12,152	103	8,693
Sonoma	Apple	52,700	811	6,843
Sonoma	Oat	1,444	21	3,456
Sonoma	Rangeland	605	71	2,678
Stanislaus	Almond	4,798,531	75,647	3,692,988
Stanislaus	Walnut	772,155	16,753	518,124
Stanislaus	Corn (forage - fodder)	130,231	4,901	202,673
Stanislaus	Grape, wine	545,782	3,042	152,534
Stanislaus	Alfalfa	95,454	2,566	105,345
Sutter	Rice	1,090,487	7,373	656,056
Sutter	Walnut	757,559	14,286	420,716
Sutter	Almond	112,064	3,306	126,842
Sutter	Uncultivated ag	182,162	1,546	108,854
Sutter	Peach	381,981	5,266	118,793
Tehama	Walnut	512,723	14,898	406,670
Tehama	Almond	216,784	5,363	281,895
Tehama	Prune	61,711	1,513	38,913
Tehama	Olive	25,497	769	26,705
Tehama	Forest, timberland	18,974	367	9,325
Trinity	Forest, timberland	31,803	582	21,678
Trinity	Pear	34	6	3
Trinity	Apple	34	6	3
Trinity	Peach	16	2	1
Tulare	Almond	2,430,302	26,712	1,419,382
Tulare	Orange	7,134,363	80,951	1,537,128
Tulare	Grape	2,468,549	29,355	1,250,110
Tulare	Pistachio	659,488	14,816	847,537

<b>County</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Acre Treated</b>
<b>Tulare</b>	Corn (forage - fodder)	329,747	9,812	528,396
<b>Tuolumne</b>	Forest, timberland	21,174	368	9,274
<b>Tuolumne</b>	Rangeland	51	27	8,827
<b>Tuolumne</b>	Grape, wine	638	80	653
<b>Tuolumne</b>	Poultry	0	32	880
<b>Tuolumne</b>	Water area	466	0	162
<b>Ventura</b>	Strawberry	2,458,940	16,278	635,736
<b>Ventura</b>	Celery	127,450	13,231	241,553
<b>Ventura</b>	Lemon	1,487,963	13,929	227,007
<b>Ventura</b>	Cabbage	59,555	9,549	102,694
<b>Ventura</b>	Pepper, fruiting	210,024	1,902	62,902
<b>Yolo</b>	Almond	318,469	7,135	516,185
<b>Yolo</b>	Grape, wine	2,220,626	10,920	425,133
<b>Yolo</b>	Uncultivated ag	159,027	3,788	242,610
<b>Yolo</b>	Tomato, processing	405,275	3,311	192,959
<b>Yolo</b>	Rice	238,167	1,443	141,549
<b>Yuba</b>	Rice	323,643	3,914	237,747
<b>Yuba</b>	Walnut	404,211	5,137	213,215
<b>Yuba</b>	Prune	144,460	1,355	63,082
<b>Yuba</b>	Peach	106,229	1,860	39,845
<b>Yuba</b>	Almond	20,801	546	26,324