

The Top 100 Commodities by Acres Treated in Total Statewide Pesticide Use in 2019

Text files 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.

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Almond	1	37,741,915	473,544	27,055,582
Grape, wine	2	30,593,920	489,752	10,900,492
Cotton	3	3,556,693	80,718	7,863,009
Grape	4	15,432,543	168,187	6,598,891
Pistachio	5	5,917,083	87,645	6,318,498
Walnut	6	6,907,968	150,194	5,092,441
Alfalfa	7	2,551,295	84,176	4,644,797
Tomato, processing	8	10,592,500	38,512	3,055,000
Rice	9	4,531,644	41,804	3,006,623
Orange	10	12,117,480	123,440	2,708,304
Strawberry	11	9,984,438	75,099	2,357,219
Lettuce, leaf	12	1,371,154	221,671	2,270,548
Corn (forage - fodder)	13	1,156,317	35,741	1,844,925
Uncultivated ag	14	1,855,257	42,706	1,743,680
Lettuce, head	15	899,112	130,339	1,736,349
Tangerine	16	4,083,631	51,696	1,452,904
Peach	17	3,313,405	72,120	1,147,090
Onion, dry	18	1,415,085	16,532	950,233
Forest, timberland	19	500,256	7,894	897,299
Broccoli	20	571,248	78,308	885,876
Cherry	21	1,209,291	40,972	786,968
Lemon	22	3,598,271	38,772	786,396
Wheat (forage - fodder)	23	114,621	13,274	762,820

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Corn, human consumption	24	283,648	18,309	722,880
Celery	25	325,049	60,391	644,736
Spinach	26	281,020	62,978	552,438
N-outdr plants in containers	27	731,596	76,656	521,744
Safflower	28	264,308	2,653	515,960
Tomato	29	1,082,311	14,986	510,594
Wheat	30	128,078	7,428	497,083
Carrot	31	5,389,241	10,583	474,689
Nectarine	32	1,255,252	37,298	468,316
Prune	33	820,104	11,080	400,325
Pepper, fruiting	34	1,432,242	13,202	363,592
Cauliflower	35	214,463	36,592	363,142
Brussels sprout	36	480,129	26,790	357,383
Sugarbeet	37	909,012	4,804	337,550
Water area	38	735,292	592	321,511
Garlic	39	202,010	4,111	302,819
Cabbage	40	182,634	35,506	296,037
Potato	41	844,497	4,789	289,741
Plum	42	788,479	25,309	276,855
Cantaloupe	43	237,694	3,809	267,158
Pomegranate	44	491,822	3,982	260,349
Pear	45	1,212,372	8,076	245,070
Sunflower	46	177,006	4,002	225,895
Olive	47	642,972	8,154	213,662
Oat (forage - fodder)	48	47,507	4,371	206,392
Soil fumigation/preplant	49	4,040,117	4,873	199,863
Watermelon	50	322,948	4,976	199,392
Bean, dried	51	74,398	3,731	188,517
Melon	52	282,653	3,484	174,846
Avocado	53	485,153	14,974	169,289
N-outdr flower	54	297,716	36,179	164,485
Bermudagrass	55	570,037	2,484	162,543
Blueberry	56	289,755	4,722	132,496
Corn, grain	57	68,668	3,435	126,597
Raspberry	58	473,808	12,269	125,244
Kale	59	111,524	23,848	117,674
Artichoke, globe	60	51,665	9,400	116,810
Apple	61	342,025	6,844	106,827
Forage hay/silage	62	51,718	2,189	106,084

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Sorghum (forage - fodder)	63	45,064	1,255	101,927
Grapefruit	64	405,477	5,837	101,718
Triticale	65	12,808	1,699	95,687
N-outdr transplants	66	513,946	19,302	95,066
Apricot	67	146,025	5,961	89,164
Rights of way	68	5,110,759	4,130	87,173
Barley	69	21,953	810	80,895
Peas	70	86,892	7,570	79,700
Uncultivated non-ag	71	79,453	1,623	75,643
Tangelo	72	264,778	4,164	71,799
Industrial hemp	73	55,917	9,960	65,305
N-grnhs plants in containers	74	52,248	60,785	63,623
Blackberry	75	265,737	8,087	62,827
Cucumber	76	37,892	3,993	61,708
Garbanzo bean	77	34,128	619	55,668
Pumpkin	78	90,021	2,056	53,972
Fig	79	59,026	1,165	53,031
Cilantro	80	97,316	11,382	52,174
Pecan	81	40,732	1,623	50,209
N-grnhs flower	82	70,479	20,927	48,812
Arugula	83	30,557	7,206	47,518
Rangeland	84	17,274	806	47,442
Rapini	85	102,296	2,354	47,324
Chinese cabbage (nappa)	86	76,326	9,372	42,303
N-grnhs transplants	87	34,125	39,714	41,433
Sorghum/milo	88	27,193	552	40,518
Pastureland	89	22,577	1,066	40,412
Swiss chard	90	57,417	12,366	39,568
Parsley	91	43,482	7,790	39,021
Sweet potato	92	1,324,271	1,310	38,115
Bok choy	93	50,246	10,585	38,078
Bean, succulent	94	26,718	1,795	36,901
Sudangrass	95	20,874	625	36,289
Golf course turf	96	32,050	181	35,671
Oat	97	11,987	807	33,782
Kiwi fruit fuzzy	98	76,007	3,282	33,647
Squash	99	47,190	2,381	31,585
Beet	100	61,443	3,666	28,397