

The Top 100 Commodities by Pounds in Total Statewide Pesticide Use 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.

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Almond	1	39,207,142	438,618	25,309,756
Grape, wine	2	30,178,688	430,944	11,051,911
Grape	3	14,965,817	167,054	6,530,801
Tomato, processing	4	12,029,198	36,672	2,909,818
Orange	5	11,140,803	125,811	2,787,627
Strawberry	6	9,632,790	72,046	2,340,970
Walnut	7	7,398,507	152,826	5,126,851
Pistachio	8	5,820,948	77,977	6,061,791
Carrot	9	5,594,387	11,362	519,911
Rice	10	4,596,564	40,656	2,910,030
Rights of way	11	4,053,693	4,225	93,680
Soil fumigation/preplant	12	3,787,967	5,182	227,204
Tangerine	13	3,519,138	50,993	1,512,809

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Lemon	14	3,485,001	34,836	713,502
Cotton	15	3,463,715	75,886	7,258,611
Structural pest control	16	3,452,219	14	5
Peach	17	3,148,953	74,915	1,157,342
Alfalfa	18	2,698,394	91,751	5,166,042
Pepper, fruiting	19	1,681,433	14,510	411,062
Sweet potato	20	1,634,993	1,085	32,120
Water (industrial)	21	1,566,900	7	2,785
Landscape maintenance	22	1,537,444	1,077	6,949
Uncultivated ag	23	1,490,795	34,690	1,302,937
Lumber, treated	24	1,475,459	0	None
Cherry	25	1,330,231	36,507	706,629
Nectarine	26	1,328,076	41,349	501,547
Potato	27	1,303,934	5,937	334,604
Pear	28	1,284,589	9,130	270,601
Onion, dry	29	1,265,204	16,991	909,411
Lettuce, leaf	30	1,229,482	216,138	2,195,651
Tomato	31	1,115,984	15,391	546,546
Corn (forage - fodder)	32	963,203	32,100	1,641,249
Water area	33	922,992	619	199,261
Lettuce, head	34	886,815	126,973	1,645,318
Prune	35	880,806	11,396	400,889
N-outdr plants in containers	36	819,955	79,880	323,307
Plum	37	790,053	27,375	297,040
Sugarbeet	38	784,371	5,262	369,775
Ditch bank	39	779,328	593	5,817
Public health	40	707,570	0	None
Olive	41	704,194	7,051	192,282

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Bermudagrass	42	626,141	2,295	148,596
Fumigation, other	43	614,886	22	None
Avocado	44	574,631	14,746	182,426
N-outdr transplants	45	554,032	19,000	101,708
Pomegranate	46	525,577	2,967	251,162
Broccoli	47	496,608	72,761	884,677
Animal premise	48	490,309	338	2,492
Brussels sprout	49	489,037	26,998	349,213
Raspberry	50	477,907	10,791	122,233
Forest, timberland	51	446,485	8,141	259,691
Industrial processing water	52	420,990	0	25
Apple	53	398,585	8,168	125,735
Watermelon	54	397,241	4,891	213,408
Commodity fumigation	55	392,558	116	316
Grapefruit	56	338,873	5,721	100,117
N-outdr flower	57	300,081	33,411	158,737
Blueberry	58	293,595	4,394	119,388
Celery	59	290,971	61,181	614,395
Spinach	60	271,662	63,473	570,251
Tangelo	61	256,912	4,299	77,683
Safflower	62	252,517	2,157	494,464
Corn, human consumption	63	250,872	19,501	751,708
Melon	64	250,400	3,464	183,593
Blackberry	65	229,728	7,319	55,765
Cantaloupe	66	213,000	4,230	307,443
Wheat	67	203,621	8,818	556,461
Cabbage	68	185,809	29,887	256,331
Sunflower	69	179,759	3,260	204,345

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Wheat (forage - fodder)	70	175,044	13,326	747,837
Cauliflower	71	170,761	33,002	327,466
Garlic	72	160,150	3,967	315,069
Apricot	73	138,973	5,885	81,826
Kale	74	138,881	24,181	122,101
Citrus	75	105,036	1,788	11,948
Kiwi	76	103,166	2,941	40,416
Water washer/cooler/condenser systems	77	102,926	0	341
N-grnhs plants in containers	78	99,597	59,521	69,844
Peas	79	98,668	9,967	96,375
Bean, dried	80	96,021	4,422	203,351
Chinese cabbage (nappa)	81	85,919	11,287	50,675
Cilantro	82	84,617	10,373	45,790
Eggplant	83	79,549	1,207	11,359
Parsley	84	74,821	7,971	40,326
Swiss chard	85	69,095	12,982	36,354
Regulatory pest control	86	66,269	18	78
Artichoke, globe	87	64,050	10,123	129,271
Food processing plant	88	63,766	0	493
Bok choy	89	63,736	12,828	43,002
Rice, wild	90	61,545	441	20,015
Pepper, spice	91	60,755	173	4,804
Collard	92	58,086	6,823	23,112
Industrial site	93	57,543	21	1,362
Pumpkin	94	55,782	1,888	49,781
Squash	95	54,890	2,596	31,496
Uncultivated non-ag	96	54,578	1,843	52,672

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Oat (forage - fodder)	97	52,734	4,290	198,452
Fig	98	52,656	860	43,486
Forage hay/silage	99	51,996	1,833	98,027
Basil, sweet	100	50,261	3,329	14,226