

The Top 100 Commodities by Pounds in Total Statewide Pesticide Use in 2020

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 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	43,945,601	493,482	27,487,488
Grape, wine	2	28,472,580	394,027	10,152,228
Grape	3	14,766,153	157,568	5,879,551
Orange	4	11,560,430	122,294	2,630,486
Strawberry	5	11,543,708	83,370	2,634,659
Tomato, processing	6	10,845,168	35,887	2,788,342
Walnut	7	7,365,440	171,389	5,702,192
Pistachio	8	6,472,967	101,189	7,149,137
Carrot	9	5,966,353	10,997	535,763
Rice	10	5,321,129	45,580	3,328,117
Rights of way	11	5,136,916	5,082	113,129
Soil fumigation/preplant	12	4,097,573	3,340	339,066
Tangerine	13	3,934,936	52,146	1,378,338
Lemon	14	3,933,600	41,012	822,099
Structural pest control	15	3,291,312	11	134
Peach	16	3,074,290	69,715	1,091,418
Alfalfa	17	2,843,153	93,540	5,092,400
Cotton	18	2,454,097	56,044	5,446,601
Landscape maintenance	19	2,097,067	1,192	10,665
Sweet potato	20	1,629,667	1,381	42,240
Pepper, fruiting	21	1,586,392	12,460	339,840

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Uncultivated ag	22	1,582,551	40,591	1,260,781
Onion, dry	23	1,532,329	15,015	909,668
Lumber, treated	24	1,521,186	<0.01	N/A
Water (industrial)	25	1,506,282	36	4,397
Lettuce, leaf	26	1,454,980	219,746	2,175,743
Pear	27	1,232,570	8,986	275,930
Nectarine	28	1,214,325	36,068	463,385
Cherry	29	1,214,054	38,512	724,222
Corn (forage - fodder)	30	1,109,742	37,203	1,860,553
Tomato	31	1,042,520	17,012	551,823
Commodity fumigation	32	1,014,956	105	8
Potato	33	1,000,312	5,525	328,638
Ditch bank	34	893,926	420	5,719
Lettuce, head	35	892,766	133,406	1,681,441
Plum	36	736,611	26,734	286,442
Water area	37	712,352	559	109,119
Prune	38	707,694	10,763	363,382
Sugarbeet	39	688,473	4,990	363,266
N-outdr transplants	40	642,240	21,305	106,235
Broccoli	41	627,288	86,652	990,382
N-outdr plants in containers	42	614,787	82,869	331,593
Olive	43	587,319	8,048	243,721
Public health	44	577,320	<0.01	N/A
Pomegranate	45	576,479	3,872	224,271
Forest, timberland	46	565,810	10,175	311,138
Bermudagrass	47	564,965	2,523	167,607
Raspberry	48	551,646	13,187	128,686
Brussels sprout	49	548,541	26,492	382,595
Avocado	50	511,325	15,151	169,323
Watermelon	51	457,530	5,215	183,737
Grapefruit	52	417,044	6,467	109,231
Animal premise	53	413,707	247	6,185
Celery	54	369,716	65,489	681,086
Apple	55	339,562	7,727	127,490
Fumigation, other	56	324,647	14	6
Spinach	57	299,990	53,214	497,188
Cauliflower	58	294,123	42,631	420,973
Melon	59	283,864	4,160	152,192
Blackberry	60	280,296	9,921	86,687
Corn, human consumption	61	274,076	21,005	788,591

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Tangelo	62	259,938	3,782	64,576
Cabbage	63	225,161	45,235	349,345
Cantaloupe	64	185,731	3,878	243,380
Garlic	65	172,736	4,214	309,040
Wheat	66	157,878	6,906	436,202
Blueberry	67	141,173	3,979	94,841
N-outdr flower	68	138,166	32,038	199,732
Wheat (forage - fodder)	69	134,552	12,338	692,910
Citrus	70	129,276	2,221	46,782
Safflower	71	128,394	1,069	184,002
Sunflower	72	117,872	3,450	186,248
Kiwi fruit fuzzy	73	116,881	5,341	57,438
Kale	74	115,353	20,291	97,511
Pumpkin	75	113,495	1,790	51,540
Food processing plant	76	103,771	5	293
Apricot	77	102,797	5,151	65,228
Chinese cabbage (napa, won bok, celery cabbage)	78	101,542	7,841	40,875
Eggplant	79	101,198	1,069	12,503
Industrial processing water	80	81,767	<0.01	20
Collard	81	81,428	6,159	14,932
Oat (forage - fodder)	82	78,195	5,422	231,501
Peas	83	77,582	5,922	57,168
Cilantro	84	76,613	7,801	43,810
Bean, dried	85	76,084	3,867	180,380
Bok choy	86	75,020	9,007	32,747
Beet	87	72,346	3,628	29,204
Corn, grain	88	70,839	2,991	109,859
Swiss chard	89	62,602	10,825	34,352
Uncultivated non-ag	90	60,811	1,884	68,239
Basil, sweet	91	57,950	2,676	14,357
Regulatory pest control	92	55,920	4	2
Squash, summer	93	55,321	472	6,116
Squash	94	55,119	2,305	30,096
Forage hay/silage	95	54,450	2,385	112,096
Cannabis (all or unspecified)	96	53,342	33,256	20,388
Parsley	97	52,929	5,704	32,026

Commodity or Site	Rank	Pounds Applied	Apps	Acre Treated
Pomelo	98	51,249	840	8,242
Onion, green	99	49,391	901	8,145
Artichoke, globe	100	48,990	8,235	105,014