

The Top 100 Commodities by Acres Treated in Total Statewide Pesticide Use in 2023

[Text files](#) of data are available. 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. A zero value under Acres Treated or Apps indicates that the pounds applied were nonagricultural uses. N-outdr = Outdoor nursery. N-grnhs = Greenhouse nursery. Values are rounded. For more information, see [Pesticide Use Annual Report Data Access, References, and Definitions Guide](#).

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Almond	1	23,908,413	432,486	23,211,809
Grape, wine	2	26,292,354	333,809	9,879,268
Pistachio	3	7,719,338	122,456	8,652,840
Grape	4	11,779,481	127,132	4,622,720
Alfalfa	5	2,256,327	82,055	4,422,636
Rice	6	5,995,283	52,101	3,840,919
Tomato, processing	7	10,421,111	53,911	3,790,433
Cotton	8	1,796,887	42,254	3,637,498
Walnut	9	3,469,405	95,928	3,129,675
Orange	10	9,550,802	127,579	2,741,577
Strawberry	11	13,075,406	82,410	2,705,540
Lettuce, leaf	12	1,399,005	225,166	2,237,407
Corn (forage - fodder)	13	1,212,648	41,493	2,103,112
Lettuce, head	14	783,938	121,950	1,463,030
Tangerine	15	4,605,809	53,805	1,389,244
Peach	16	2,484,269	69,123	1,072,610
Uncultivated ag	17	1,521,670	35,859	1,071,684
Wheat (forage - fodder)	18	139,922	16,963	968,424
Lemon	19	3,686,249	44,296	906,323
Soil fumigation/preplant	20	3,436,187	4,995	797,394
Broccoli	21	455,067	69,456	793,649
Onion, dry	22	1,171,497	13,052	727,261
Cherry	23	1,009,517	34,161	641,298
Celery	24	289,111	57,783	599,750

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Corn, human consumption	25	222,472	16,559	597,746
Tomato	26	972,657	16,731	571,167
Nectarine	27	1,126,665	38,505	535,488
Carrot	28	3,515,044	9,890	454,070
Forest, timberland	29	648,068	12,078	423,030
Wheat	30	118,474	6,376	406,722
Spinach	31	210,847	42,977	396,835
Pepper, fruiting	32	1,165,980	14,254	364,944
Sugarbeet	33	430,095	4,790	327,725
Prune	34	544,237	9,040	320,596
Cauliflower	35	175,215	32,434	317,002
Brussels sprout	36	303,724	22,957	301,672
Garlic	37	173,981	4,588	298,375
Plum	38	822,766	27,251	293,004
N-grnhs transplants	39	37,048	46,445	292,417
Cabbage	40	211,587	29,878	291,791
Potato	41	1,060,743	6,894	285,954
Rights of way	42	3,248,149	5,222	263,888
N-grnhs flower	43	53,092	17,334	255,595
Cantaloupe	44	172,123	3,245	233,695
Pear	45	960,184	7,805	229,520
Olive	46	517,500	7,249	226,085
Pomegranate	47	429,081	3,608	218,981
Melon	48	370,194	3,942	212,604
Safflower	49	117,580	1,170	211,287
Bermudagrass	50	619,715	2,703	195,249
Watermelon	51	226,749	4,337	188,295
Oat (forage - fodder)	52	82,810	4,348	185,188
N-outdr plants in containers	53	508,048	71,108	173,729
Avocado	54	594,030	13,795	165,670
Sunflower	55	99,447	2,986	158,736
Triticale	56	22,404	2,505	136,944
Turf/sod	57	106,535	1,918	136,534
Grapefruit	58	527,263	7,154	127,568
Forage hay/silage	59	53,393	2,509	126,347
Blueberry	60	159,909	4,685	126,189

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Golf course turf	61	94,614	174	117,856
Artichoke, globe	62	40,366	9,985	111,824
Blackberry	63	307,202	10,662	110,889
Raspberry	64	415,002	9,300	106,884
Bean, dried	65	48,803	2,278	105,481
N-outdr transplants	66	635,935	18,477	102,996
N-outdr flower	67	160,642	26,034	84,750
Barley	68	17,011	753	80,279
Apple	69	182,915	5,084	75,794
Uncultivated non-ag	70	64,065	2,125	73,725
Apricot	71	115,220	5,114	73,078
Sorghum (forage - fodder)	72	23,405	684	71,766
Corn, grain	73	34,124	2,004	68,192
Tangelo	74	196,111	3,942	64,375
Kiwi fruit fuzzy	75	133,593	4,383	63,913
Pastureland	76	22,341	1,100	63,712
Water area	77	594,644	611	63,128
Sorghum/milo	78	43,095	901	62,802
Kale	79	54,410	12,245	61,845
N-grnhs plants in containers	80	48,358	62,776	58,671
Pumpkin	81	50,008	2,144	56,548
Grass, seed	82	41,802	1,167	54,388
Cilantro	83	36,056	9,400	53,694
Ditch bank	84	637,037	402	51,249
Cucumber	85	32,686	2,844	48,927
Rangeland	86	11,673	677	46,826
Chinese cabbage (napa, wong bok, celery cabbage)	87	60,087	7,142	43,103
Arugula	88	29,561	6,959	41,755
Peas	89	65,903	5,024	41,514
Rapini	90	17,111	1,984	40,582
Cannabis (all or unspecified)	91	194,950	34,719	37,994
Pecan	92	39,704	1,165	37,820
Citrus	93	139,412	1,702	36,868
Ryegrass	94	23,858	659	33,259
Fig	95	29,490	703	32,586
Sudangrass	96	16,702	521	30,572

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Squash	97	81,147	2,290	29,417
Bok choy (choy sum, pak choy)	98	20,268	7,739	29,361
Oat	99	10,263	484	29,135
Bean, succulent	100	16,316	1,776	28,159