

# The Top 100 Commodities by Pounds in Total Statewide Pesticide Use in 2023

[Text files](#) of data are available. 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 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
Grape, wine	1	26,292,354	333,809	9,879,268
Almond	2	23,908,413	432,486	23,211,809
Strawberry	3	13,075,406	82,410	2,705,540
Grape	4	11,779,481	127,132	4,622,720
Tomato, processing	5	10,421,111	53,911	3,790,433
Orange	6	9,550,802	127,579	2,741,577
Pistachio	7	7,719,338	122,456	8,652,840
Rice	8	5,995,283	52,101	3,840,919
Tangerine	9	4,605,809	53,805	1,389,244
Lemon	10	3,686,249	44,296	906,323
Structural pest control	11	3,583,212	9	39
Carrot	12	3,515,044	9,890	454,070
Walnut	13	3,469,405	95,928	3,129,675
Soil fumigation/preplant	14	3,436,187	4,995	797,394
Rights of way	15	3,248,149	5,222	263,888
Peach	16	2,484,269	69,123	1,072,610
Alfalfa	17	2,256,327	82,055	4,422,636
Cotton	18	1,796,887	42,254	3,637,498
Water (industrial)	19	1,714,859	6	7,453
Landscape maintenance	20	1,554,893	1,006	7,288
Uncultivated ag	21	1,521,670	35,859	1,071,684
Lettuce, leaf	22	1,399,005	225,166	2,237,407
Corn (forage - fodder)	23	1,212,648	41,493	2,103,112
Onion, dry	24	1,171,497	13,052	727,261

<b>Commodity or Site</b>	<b>Rank</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Acres Treated</b>
Pepper, fruiting	25	1,165,980	14,254	364,944
Nectarine	26	1,126,665	38,505	535,488
Potato	27	1,060,743	6,894	285,954
Lumber, treated	28	1,051,554	0	0
Cherry	29	1,009,517	34,161	641,298
Sweet potato	30	996,280	791	20,702
Tomato	31	972,657	16,731	571,167
Pear	32	960,184	7,805	229,520
Plum	33	822,766	27,251	293,004
Lettuce, head	34	783,938	121,950	1,463,030
Commodity fumigation	35	653,836	97	4,127
Forest, timberland	36	648,068	12,078	423,030
Public health	37	639,566	10	4,326
Ditch bank	38	637,037	402	51,249
N-outdr transplants	39	635,935	18,477	102,996
Bermudagrass	40	619,715	2,703	195,249
Water area	41	594,644	611	63,128
Avocado	42	594,030	13,795	165,670
Prune	43	544,237	9,040	320,596
Grapefruit	44	527,263	7,154	127,568
Olive	45	517,500	7,249	226,085
N-outdr plants in containers	46	508,048	71,108	173,729
Broccoli	47	455,067	69,456	793,649
Animal premise	48	437,133	257	4,033
Sugarbeet	49	430,095	4,790	327,725
Pomegranate	50	429,081	3,608	218,981
Raspberry	51	415,002	9,300	106,884
Melon	52	370,194	3,942	212,604
Fumigation, other	53	322,132	12	8
Blackberry	54	307,202	10,662	110,889
Brussels sprout	55	303,724	22,957	301,672
Celery	56	289,111	57,783	599,750
Watermelon	57	226,749	4,337	188,295
Corn, human consumption	58	222,472	16,559	597,746
Cabbage	59	211,587	29,878	291,791
Spinach	60	210,847	42,977	396,835

<b>Commodity or Site</b>	<b>Rank</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Acres Treated</b>
Tangelo	61	196,111	3,942	64,375
Cannabis (all or unspecified)	62	194,950	34,719	37,994
Apple	63	182,915	5,084	75,794
Cauliflower	64	175,215	32,434	317,002
Garlic	65	173,981	4,588	298,375
Cantaloupe	66	172,123	3,245	233,695
N-outdr flower	67	160,642	26,034	84,750
Blueberry	68	159,909	4,685	126,189
Wheat (forage - fodder)	69	139,922	16,963	968,424
Citrus	70	139,412	1,702	36,868
Kiwi fruit fuzzy	71	133,593	4,383	63,913
Wheat	72	118,474	6,376	406,722
Safflower	73	117,580	1,170	211,287
Apricot	74	115,220	5,114	73,078
Turf/sod	75	106,535	1,918	136,534
Food processing plant	76	103,459	0	120
Sunflower	77	99,447	2,986	158,736
Industrial processing water	78	99,435	0	0
Golf course turf	79	94,614	174	117,856
Eggplant	80	83,712	978	10,962
Oat (forage - fodder)	81	82,810	4,348	185,188
Squash	82	81,147	2,290	29,417
Peas	83	65,903	5,024	41,514
Uncultivated non-ag	84	64,065	2,125	73,725
Chinese cabbage (napa, wong bok, celery cabbage)	85	60,087	7,142	43,103
Kale	86	54,410	12,245	61,845
Forage hay/silage	87	53,393	2,509	126,347
N-grnhs flower	88	53,092	17,334	255,595
Rice, wild	89	50,056	113	6,196
Pumpkin	90	50,008	2,144	56,548
Bean, dried	91	48,803	2,278	105,481
N-grnhs plants in containers	92	48,358	62,776	58,671
Squash, summer	93	43,681	243	2,564
Sorghum/milo	94	43,095	901	62,802
Grass, seed	95	41,802	1,167	54,388
Artichoke, globe	96	40,366	9,985	111,824

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Pecan	97	39,704	1,165	37,820
Pomelo	98	38,337	1,041	9,374
N-grnhs transplants	99	37,048	46,445	292,417
Regulatory pest control	100	36,828	5	27