The Top 100 Commodities by Pounds in Total Statewide Pesticide Use in 2024

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
Almond	1	26,295,905	454,910	24,925,332
Grape, wine	2	24,947,376	337,729	9,008,869
Strawberry	3	13,987,196	89,209	2,919,854
Grape	4	11,249,230	126,428	4,614,790
Orange	5	9,883,345	123,463	2,583,960
Tomato, processing	6	9,468,627	42,879	3,126,966
Pistachio	7	7,246,016	120,430	8,583,738
Tangerine	8	5,440,540	53,364	1,397,338
Rice	9	5,177,578	49,622	3,678,405
Structural pest control	10	4,373,357	12	14
Walnut	11	3,831,291	109,263	3,465,446
Lemon	12	3,800,553	39,881	867,209
Carrot	13	3,402,052	10,913	497,739
Rights of way	14	3,358,440	5,794	338,305
Cotton	15	2,742,274	57,250	5,777,495
Peach	16	2,567,492	64,706	955,000
Soil fumigation/preplant	17	2,419,776	4,156	698,594
Alfalfa	18	2,342,899	77,585	4,249,051
Landscape maintenance	19	1,764,023	689	5,573
Uncultivated ag	20	1,709,641	47,689	1,354,926
Onion, dry	21	1,518,291	15,507	907,964
Lettuce, leaf	22	1,367,139	214,813	2,080,822
Corn (forage - fodder)	23	1,268,883	42,210	2,176,487
Sweet potato	24	1,146,390	947	30,817

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Pepper, fruiting	25	1,110,147	14,061	337,825
Water (industrial)	26	1,096,837	0	555,982
Potato	27	1,096,391	7,047	405,715
Cherry	28	1,093,733	37,398	696,390
Nectarine	29	1,056,808	31,724	392,185
Pear	30	949,526	8,148	254,893
Forest, timberland	31	864,842	14,696	530,535
Tomato	32	762,239	13,659	480,076
N-outdr transplants	33	758,434	18,728	92,695
Lettuce, head	34	749,218	120,771	1,395,804
Animal premise	35	721,426	314	3,631
Plum	36	705,481	22,940	255,730
Commodity fumigation	37	701,988	176	1,002
Ditch bank	38	634,797	745	20,720
Avocado	39	632,128	13,477	180,440
Water area	40	628,077	757	56,607
Prune	41	561,695	8,537	306,967
Grapefruit	42	556,815	7,368	132,447
Broccoli	43	537,217	88,608	996,283
N-outdr plants in containers	44	531,625	75,381	201,409
Sugarbeet	45	498,565	5,949	421,283
Bermudagrass	46	466,462	2,616	187,717
Watermelon	47	455,312	6,012	237,136
Public health	48	451,623	0	0
Olive	49	445,102	7,871	227,231
Pomegranate	50	441,243	3,756	222,081
Raspberry	51	410,424	9,968	107,970
Melon	52	360,886	5,021	221,205
Blackberry	53	359,707	10,163	119,996
Fumigation, other	54	331,755	5	1
Corn, human consumption	55	304,449	21,485	791,629
Safflower	56	292,830	2,300	455,233
Celery	57	285,416	59,021	603,272
Garlic	58	269,052	5,934	362,411
Blueberry	59	268,370	5,013	156,669
Cannabis (all or unspecified)	60	259,788	30,227	24,263

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Brussels sprout	61	246,317	25,877	332,030
Lumber, treated	62	241,768	0	0
Cantaloupe	63	196,584	3,921	259,177
Apple	64	195,919	5,031	73,724
Cabbage	65	193,095	33,558	309,042
Spinach	66	190,394	38,813	367,656
Food processing plant	67	186,668	1	79
Tangelo	68	181,239	3,556	56,701
Cauliflower	69	175,878	39,162	383,733
N-outdr flower	70	172,792	28,236	85,926
Wheat (forage - fodder)	71	158,654	18,309	1,013,044
Wheat	72	144,162	7,663	487,213
Date	73	137,646	691	20,480
Kiwi fruit fuzzy	74	135,115	3,742	52,778
Squash	75	114,780	2,718	17,530
Citrus	76	101,324	2,576	74,767
Apricot	77	99,895	4,749	60,319
Bean, dried	78	99,173	4,626	221,730
Uncultivated non-ag	79	87,412	4,171	95,045
Garbanzo bean	80	85,011	354	32,471
Industrial processing water	81	81,995	0	27
N-grnhs transplants	82	75,232	48,884	284,725
Peas	83	66,736	6,289	46,169
Corn, grain	84	65,624	3,221	128,586
Kale	85	63,313	13,074	63,852
Forage hay/silage	86	62,599	2,603	148,341
Regulatory pest control	87	61,263	10	58
Cilantro	88	60,408	10,698	60,000
Pumpkin	89	60,178	2,191	62,269
Golf course turf	90	59,959	197	54,140
Eggplant	91	57,184	1,049	12,257
Sunflower	92	56,217	2,010	90,987
N-grnhs plants in containers	93	54,757	61,892	59,427
Pomelo	94	54,747	1,353	11,755
Vertebrate control	95	53,557	276	6,788
Chinese cabbage (napa, wong bok, celery cabbage)	96	47,422	8,288	44,688

Commodity or Site	Rank	Pounds Applied	Apps	Acres Treated
Artichoke, globe	97	38,814	9,947	121,546
Oat (forage - fodder)	98	38,720	3,784	163,719
Basil, sweet	99	36,525	2,189	13,504
Turf/sod	100	34,830	1,920	31,169