

The Top 100 Commodities by Pounds in Total Statewide Pesticide Use in 2021

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 under Apps or Acre Treated therefore means that the pounds applied were 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 | 34,323,828 | 456,802 | 24,147,968 |
| Grape, wine | 2 | 25,473,799 | 326,035 | 9,513,592 |
| 1Strawberry | 3 | 12,236,138 | 81,161 | 2,598,346 |
| Grape | 4 | 11,899,294 | 137,042 | 5,005,469 |
| Orange | 5 | 10,637,776 | 119,199 | 2,560,414 |
| Tomato, processing | 6 | 10,020,954 | 36,825 | 2,738,289 |
| Pistachio | 7 | 6,251,756 | 100,609 | 6,956,630 |
| Walnut | 8 | 5,379,078 | 146,348 | 4,920,592 |
| Carrot | 9 | 4,838,514 | 9,774 | 434,222 |
| Rice | 10 | 4,414,437 | 40,099 | 2,766,191 |
| Tangerine | 11 | 4,317,235 | 50,401 | 1,337,169 |
| Structural pest control | 12 | 4,304,951 | 4 | 4 |
| Lemon | 13 | 3,817,248 | 39,674 | 812,500 |
| Rights of way | 14 | 3,721,206 | 4,402 | 86,667 |
| Soil fumigation/preplant | 15 | 3,499,713 | 2,328 | 289,029 |
| Peach | 16 | 2,635,352 | 70,331 | 1,035,038 |
| Alfalfa | 17 | 2,495,355 | 84,532 | 4,528,174 |
| Water (industrial) | 18 | 2,008,920 | <0.01 | 3,338 |
| Sweet potato | 19 | 1,658,414 | 1,313 | 39,549 |
| Landscape maintenance | 20 | 1,539,300 | 1,175 | 11,696 |
| Uncultivated ag | 21 | 1,509,574 | 36,221 | 981,273 |
| Cotton | 22 | 1,484,877 | 40,410 | 3,225,531 |

| Commodity or Site | Rank | Pounds Applied | Apps | Acre Treated |
|------------------------------|-------------|-----------------------|-------------|---------------------|
| Lumber, treated | 23 | 1,473,468 | <0.01 | N/A |
| Lettuce, leaf | 24 | 1,454,273 | 231,413 | 2,225,111 |
| Pepper, fruiting | 25 | 1,325,059 | 12,428 | 314,621 |
| Onion, dry | 26 | 1,323,088 | 13,806 | 819,716 |
| Cherry | 27 | 1,259,992 | 37,330 | 709,400 |
| Nectarine | 28 | 1,197,522 | 36,130 | 470,409 |
| Pear | 29 | 1,112,476 | 7,865 | 230,233 |
| Tomato | 30 | 1,102,068 | 16,777 | 577,459 |
| Potato | 31 | 1,073,364 | 4,795 | 256,131 |
| Corn (forage - fodder) | 32 | 1,020,128 | 34,980 | 1,754,936 |
| Lettuce, head | 33 | 820,389 | 131,689 | 1,635,323 |
| Ditch bank | 34 | 814,167 | 337 | 7,692 |
| Plum | 35 | 802,209 | 24,269 | 267,029 |
| Commodity fumigation | 36 | 779,528 | 294 | 859 |
| Water area | 37 | 764,102 | 375 | 109,767 |
| N-outdr transplants | 38 | 690,273 | 18,741 | 90,132 |
| Bermudagrass | 39 | 688,277 | 2,407 | 179,241 |
| Forest, timberland | 40 | 632,162 | 9,779 | 322,559 |
| Broccoli | 41 | 631,016 | 83,351 | 933,568 |
| Sugarbeet | 42 | 613,968 | 4,604 | 329,261 |
| N-outdr plants in containers | 43 | 605,529 | 81,532 | 259,769 |
| Pomegranate | 44 | 576,016 | 3,755 | 229,707 |
| Avocado | 45 | 535,242 | 13,684 | 180,595 |
| Prune | 46 | 530,297 | 9,086 | 300,745 |
| Public health | 47 | 514,678 | 1 | 150 |
| Olive | 48 | 505,216 | 8,124 | 206,603 |
| Raspberry | 49 | 467,498 | 10,663 | 105,200 |
| Grapefruit | 50 | 438,206 | 6,318 | 110,015 |
| Brussels sprout | 51 | 428,321 | 29,266 | 385,986 |
| Watermelon | 52 | 401,139 | 5,127 | 193,099 |
| Melon | 53 | 337,225 | 3,290 | 152,466 |
| Celery | 54 | 323,411 | 57,753 | 599,896 |
| Animal premise | 55 | 298,296 | 183 | 3,106 |
| Cauliflower | 56 | 283,825 | 43,362 | 420,387 |
| Cantaloupe | 57 | 264,879 | 3,848 | 258,818 |
| Cabbage | 58 | 262,592 | 41,538 | 345,543 |
| Corn, human consumption | 59 | 251,003 | 17,924 | 681,679 |
| Fumigation, other | 60 | 250,982 | 7 | 5 |
| Spinach | 61 | 245,659 | 48,445 | 440,405 |
| Blackberry | 62 | 244,037 | 10,110 | 93,587 |
| Apple | 63 | 243,647 | 5,634 | 82,630 |

| Commodity or Site | Rank | Pounds Applied | Apps | Acre Treated |
|---|------|----------------|--------|--------------|
| Tangelo | 64 | 212,303 | 3,369 | 59,576 |
| N-outdr flower | 65 | 188,848 | 29,410 | 106,900 |
| Safflower | 66 | 186,312 | 1,282 | 305,267 |
| Garlic | 67 | 164,458 | 3,752 | 282,709 |
| Blueberry | 68 | 160,811 | 3,178 | 77,176 |
| Regulatory pest control | 69 | 138,580 | 16 | 68 |
| Wheat | 70 | 130,877 | 6,884 | 429,258 |
| Wheat (forage - fodder) | 71 | 129,778 | 15,384 | 848,990 |
| Kiwi fruit fuzzy | 72 | 122,380 | 3,905 | 56,056 |
| Apricot | 73 | 121,014 | 4,667 | 58,549 |
| Sunflower | 74 | 114,585 | 3,305 | 176,392 |
| Cilantro | 75 | 113,883 | 8,845 | 50,204 |
| Kale | 76 | 105,203 | 14,846 | 77,351 |
| Food processing plant | 77 | 102,041 | <0.01 | 184 |
| Eggplant | 78 | 99,537 | 1,007 | 11,218 |
| Peas | 79 | 92,006 | 6,154 | 60,793 |
| Squash | 80 | 89,396 | 2,058 | 30,799 |
| Citrus | 81 | 86,854 | 2,047 | 42,893 |
| Turf/sod | 82 | 84,020 | 1,493 | 27,151 |
| Cannabis (all or unspecified) | 83 | 81,285 | 56,266 | 43,849 |
| Chinese cabbage (napa, won bok, celery cabbage) | 84 | 81,280 | 7,621 | 38,942 |
| Pumpkin | 85 | 78,843 | 2,478 | 65,629 |
| Onion, green | 86 | 76,719 | 671 | 9,796 |
| Beet | 87 | 66,812 | 3,453 | 28,464 |
| Date | 88 | 60,526 | 1,062 | 23,212 |
| Oat (forage - fodder) | 89 | 57,935 | 5,305 | 258,089 |
| Basil, sweet | 90 | 56,836 | 2,392 | 10,901 |
| Water washer/cooler/condenser systems | 91 | 55,058 | <0.01 | 80 |
| Bean, dried | 92 | 53,639 | 2,598 | 121,382 |
| Corn, grain | 93 | 50,776 | 2,337 | 99,814 |
| Bok choy | 94 | 49,960 | 10,044 | 33,930 |
| Forage hay/silage | 95 | 46,809 | 2,260 | 118,284 |
| N-grnhs plants in containers | 96 | 46,502 | 64,534 | 58,886 |
| Pomelo | 97 | 43,792 | 787 | 7,742 |
| Industrial processing water | 98 | 43,594 | 1 | 6 |
| Swiss chard | 99 | 42,913 | 6,943 | 25,912 |
| Uncultivated non-ag | 100 | 40,099 | 1,470 | 49,489 |