

The Top Five Commodities by Acres Treated in each County in 2022

[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. 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. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. Values are rounded. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|---------|-------------------------|----------------|--------|--------------|
| Alameda | Grape, wine | 45,185 | 4,046 | 31,829 |
| Alameda | Almond | 4,524 | 79 | 12,427 |
| Alameda | Uncultivated non-ag | 653 | <0.01 | 1,803 |
| Alameda | Pistachio | 196 | 42 | 1,166 |
| Alameda | Rangeland | 2 | 6 | 1,761 |
| Alpine | Forest, timberland | 136 | 23 | 502 |
| Alpine | Water area | 47 | 4 | 40 |
| Amador | Grape, wine | 98,061 | 4,234 | 46,556 |
| Amador | Wheat (forage - fodder) | 945 | 36 | 2,214 |
| Amador | Alfalfa | 1,753 | 53 | 2,689 |
| Amador | Walnut | 1,842 | 84 | 1,691 |
| Amador | Forest, timberland | 4,832 | 103 | 1,505 |
| Butte | Walnut | 806,324 | 18,992 | 759,300 |
| Butte | Rice | 1,212,776 | 8,406 | 711,701 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|--------------|------------------------------|----------------|--------|--------------|
| Butte | Almond | 270,586 | 9,131 | 364,187 |
| Butte | Forest, timberland | 90,236 | 886 | 72,174 |
| Butte | Prune | 96,983 | 1,243 | 53,264 |
| Calaveras | Forest, timberland | 32,517 | 618 | 13,282 |
| Calaveras | Grape, wine | 12,994 | 853 | 7,450 |
| Calaveras | Rangeland | 5,844 | 44 | 4,915 |
| Calaveras | Walnut | 5,443 | 72 | 3,513 |
| Calaveras | Almond | 539 | 25 | 555 |
| Colusa | Almond | 404,687 | 11,175 | 594,422 |
| Colusa | Walnut | 225,217 | 4,590 | 240,706 |
| Colusa | Tomato, processing | 203,603 | 3,979 | 200,261 |
| Colusa | Rice | 223,106 | 2,260 | 151,925 |
| Colusa | Uncultivated ag | 45,508 | 694 | 49,467 |
| Contra Costa | Corn, human consumption | 15,982 | 2,912 | 66,812 |
| Contra Costa | Tomato, processing | 85,251 | 1,079 | 42,206 |
| Contra Costa | Almond | 25,243 | 302 | 21,786 |
| Contra Costa | Grape, wine | 77,440 | 2,172 | 22,386 |
| Contra Costa | Uncultivated ag | 9,845 | 936 | 15,435 |
| Del Norte | N-outdr flower | 44,709 | 1,892 | 13,080 |
| Del Norte | Forest, timberland | 11,876 | 258 | 5,013 |
| Del Norte | Soil fumigation/preplant | 77,374 | 33 | 273 |
| Del Norte | N-grnhs plants in containers | 210 | 341 | 145 |
| Del Norte | N-outdr plants in containers | 32 | 35 | 21 |
| El Dorado | Forest, timberland | 116,796 | 1,864 | 34,967 |
| El Dorado | Grape, wine | 47,824 | 3,132 | 27,344 |
| El Dorado | Apple | 16,735 | 339 | 1,870 |
| El Dorado | Rangeland | 217 | 54 | 543 |
| El Dorado | Pastureland | 86 | 63 | 161 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|----------|-------------------------------|----------------|--------|--------------|
| Fresno | Almond | 6,804,166 | 78,839 | 4,250,037 |
| Fresno | Pistachio | 1,605,632 | 24,994 | 2,092,167 |
| Fresno | Grape | 3,467,880 | 44,456 | 1,302,736 |
| Fresno | Cotton | 465,684 | 11,525 | 870,782 |
| Fresno | Tomato, processing | 4,148,655 | 7,115 | 785,940 |
| Glenn | Almond | 435,065 | 10,057 | 593,178 |
| Glenn | Walnut | 518,341 | 11,930 | 414,555 |
| Glenn | Rice | 283,602 | 2,768 | 198,870 |
| Glenn | Olive | 74,397 | 1,436 | 41,877 |
| Glenn | Alfalfa | 18,119 | 720 | 31,585 |
| Humboldt | Forest, timberland | 27,856 | 1,284 | 24,954 |
| Humboldt | N-grnhs flower | 1,393 | 848 | 2,120 |
| Humboldt | Apple | 354 | 33 | 110 |
| Humboldt | Cannabis (all or unspecified) | 433 | 757 | 43 |
| Humboldt | Nectarine | 8 | 1 | 40 |
| Imperial | Alfalfa | 880,585 | 23,910 | 1,518,829 |
| Imperial | Corn, human consumption | 114,550 | 4,521 | 266,576 |
| Imperial | Lettuce, leaf | 141,101 | 13,099 | 270,160 |
| Imperial | Sugarbeet | 507,035 | 3,646 | 260,153 |
| Imperial | Onion, dry | 188,480 | 3,320 | 211,241 |
| Inyo | Alfalfa | 360 | 13 | 711 |
| Inyo | N-grnhs flower | 440 | <0.01 | 530 |
| Inyo | Forage hay/silage | 176 | 2 | 160 |
| Kern | Almond | 7,199,445 | 59,213 | 3,868,985 |
| Kern | Pistachio | 2,169,847 | 26,159 | 1,875,283 |
| Kern | Grape | 4,074,367 | 47,577 | 2,015,310 |
| Kern | Orange | 2,568,839 | 16,383 | 619,326 |
| Kern | Tangerine | 1,936,007 | 10,961 | 431,705 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|-------------|-------------------------------|----------------|--------|--------------|
| Kings | Cotton | 786,876 | 9,377 | 1,728,305 |
| Kings | Pistachio | 745,514 | 13,438 | 825,215 |
| Kings | Almond | 914,232 | 13,017 | 661,473 |
| Kings | Soil fumigation/preplant | 770,931 | 2,788 | 511,833 |
| Kings | Safflower | 229,754 | 1,643 | 419,399 |
| Lake | Grape, wine | 386,355 | 5,240 | 143,600 |
| Lake | Pear | 167,016 | 1,727 | 35,515 |
| Lake | Walnut | 1,548 | 111 | 1,873 |
| Lake | Cannabis (all or unspecified) | 1,683 | 393 | 995 |
| Lake | Water (industrial) | 766 | <0.01 | 449 |
| Lassen | Alfalfa | 19,302 | 740 | 64,688 |
| Lassen | Forest, timberland | 17,668 | 203 | 11,797 |
| Lassen | Strawberry | 104,533 | 149 | 5,804 |
| Lassen | Orchardgrass | 1,397 | 60 | 3,412 |
| Lassen | Forage hay/silage | 2,157 | 62 | 3,389 |
| Los Angeles | Carrot | 575,034 | 288 | 23,191 |
| Los Angeles | N-outdr plants in containers | 13,164 | 7,874 | 10,812 |
| Los Angeles | Potato | 2,413 | 105 | 11,700 |
| Los Angeles | Onion, dry | 7,949 | 314 | 7,789 |
| Los Angeles | Alfalfa | 5,856 | 37 | 4,665 |
| Madera | Almond | 3,592,040 | 47,754 | 2,620,981 |
| Madera | Pistachio | 610,323 | 13,727 | 967,159 |
| Madera | Grape, wine | 1,924,184 | 9,573 | 586,665 |
| Madera | Grape | 1,283,902 | 8,590 | 383,838 |
| Madera | Corn (forage - fodder) | 37,028 | 1,159 | 70,278 |
| Marin | Pastureland | 471 | 38 | 1,676 |
| Marin | Grape, wine | 17,728 | 196 | 1,467 |
| Marin | Rangeland | 61 | 23 | 249 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|-----------|------------------------------|----------------|---------|--------------|
| Marin | Olive | 3,894 | 108 | 473 |
| Marin | Water (industrial) | 4,520 | <0.01 | 115 |
| Mariposa | Rangeland | 118 | 32 | 4,204 |
| Mariposa | Forest, timberland | 118 | 58 | 158 |
| Mariposa | Uncultivated ag | 46 | 3 | 44 |
| Mariposa | Apple | 121 | 15 | 48 |
| Mariposa | N-outdr plants in containers | 2 | 14 | 13 |
| Mendocino | Grape, wine | 574,725 | 7,430 | 178,075 |
| Mendocino | Pear | 105,305 | 830 | 31,938 |
| Mendocino | Forest, timberland | 14,072 | 478 | 18,975 |
| Mendocino | Beehive | 29 | 3 | 300 |
| Mendocino | Alfalfa | 21 | 3 | 180 |
| Merced | Almond | 2,557,307 | 45,107 | 2,327,221 |
| Merced | Cotton | 240,037 | 12,669 | 545,380 |
| Merced | Corn (forage - fodder) | 197,500 | 7,184 | 344,956 |
| Merced | Pistachio | 203,081 | 5,807 | 334,893 |
| Merced | Tomato, processing | 1,177,754 | 4,981 | 309,718 |
| Modoc | Alfalfa | 30,422 | 1,947 | 133,956 |
| Modoc | Potato | 53,656 | 590 | 33,155 |
| Modoc | Onion, dry | 15,011 | 372 | 29,098 |
| Modoc | Wheat | 4,379 | 209 | 14,643 |
| Modoc | Uncultivated ag | 6,287 | 154 | 11,498 |
| Mono | Alfalfa | 2,403 | 59 | 3,080 |
| Mono | Forage hay/silage | 139 | 6 | 308 |
| Mono | Garlic | 6 | 3 | 15 |
| Mono | Vegetable | <0.01 | 1 | <0.01 |
| Monterey | Grape, wine | 1,762,363 | 38,352 | 1,385,217 |
| Monterey | Lettuce, leaf | 916,660 | 164,888 | 1,475,467 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|---------------|------------------------------|-----------------------|-------------|---------------------|
| Monterey | Lettuce, head | 418,034 | 84,229 | 886,800 |
| Monterey | Strawberry | 3,727,311 | 25,547 | 668,194 |
| Monterey | Broccoli | 356,499 | 55,210 | 582,735 |
| Napa | Grape, wine | 1,081,440 | 45,879 | 678,460 |
| Napa | Wheat | 119 | 4 | 1,360 |
| Napa | Uncultivated non-ag | 201 | <0.01 | 548 |
| Napa | Water area | 3,315 | 7 | 345 |
| Napa | Olive | 421 | 299 | 452 |
| Nevada | Grape, wine | 27,850 | 234 | 4,839 |
| Nevada | Uncultivated non-ag | 39 | <0.01 | 2,900 |
| Nevada | Forest, timberland | 3,463 | 130 | 2,020 |
| Nevada | N-grnhs flower | 291 | <0.01 | 252 |
| Nevada | Pastureland | 7 | 1 | 68 |
| Orange | Golf course turf | 12,872 | <0.01 | 7,477 |
| Orange | Pepper, fruiting | 12,919 | 192 | 2,088 |
| Orange | Lemon | 7,092 | 113 | 2,251 |
| Orange | N-outdr plants in containers | 3,168 | 2,203 | 1,731 |
| Orange | Water area | 9,730 | <0.01 | 1,564 |
| Placer | Rice | 157,141 | 1,280 | 73,133 |
| Placer | Walnut | 51,095 | 1,016 | 48,307 |
| Placer | Almond | 45,357 | 399 | 36,140 |
| Placer | Forest, timberland | 55,491 | 332 | 11,307 |
| Placer | Forage hay/silage | 704 | 32 | 2,286 |
| Plumas | Forest, timberland | 85,642 | 516 | 38,782 |
| Plumas | Pastureland | 262 | 48 | 7,020 |
| Plumas | Alfalfa | 1,121 | 21 | 2,432 |
| Plumas | Turf/sod | 564 | 20 | 376 |
| Plumas | Rangeland | 1 | 7 | 365 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|----------------|------------------------------|----------------|--------|--------------|
| Riverside | Alfalfa | 264,527 | 17,078 | 683,544 |
| Riverside | Cotton | 59,241 | 3,582 | 137,926 |
| Riverside | Grape | 203,120 | 4,659 | 124,724 |
| Riverside | Lemon | 350,204 | 2,627 | 96,138 |
| Riverside | Pepper, fruiting | 534,079 | 3,242 | 82,641 |
| Sacramento | Grape, wine | 3,192,583 | 16,078 | 670,539 |
| Sacramento | Pear | 677,954 | 3,279 | 133,075 |
| Sacramento | Almond | 36,957 | 1,056 | 43,047 |
| Sacramento | Alfalfa | 21,019 | 1,416 | 49,862 |
| Sacramento | Corn (forage - fodder) | 17,044 | 1,266 | 36,001 |
| San Benito | Lettuce, leaf | 119,993 | 16,562 | 110,145 |
| San Benito | Grape, wine | 162,560 | 2,913 | 78,583 |
| San Benito | Pepper, fruiting | 140,597 | 1,489 | 30,763 |
| San Benito | Spinach | 29,612 | 6,436 | 41,014 |
| San Benito | Broccoli | 48,905 | 3,928 | 29,736 |
| San Bernardino | Orange | 17,577 | 1,424 | 11,537 |
| San Bernardino | Alfalfa | 5,105 | 98 | 8,731 |
| San Bernardino | Corn (forage - fodder) | 2,842 | 102 | 3,280 |
| San Bernardino | Lemon | 14,721 | 217 | 6,057 |
| San Bernardino | Wheat (forage - fodder) | 697 | 49 | 1,844 |
| San Diego | Tomato | 106,709 | 1,718 | 62,707 |
| San Diego | N-outdr plants in containers | 59,617 | 32,626 | 52,018 |
| San Diego | Avocado | 162,915 | 3,111 | 41,191 |
| San Diego | N-grnhs plants in containers | 17,235 | 23,817 | 21,494 |
| San Diego | N-outdr flower | 36,763 | 6,937 | 19,612 |
| San Francisco | Golf course turf | 5,579 | <0.01 | 3,236 |
| San Francisco | N-grnhs transplants | 1,847 | <0.01 | 1,591 |
| San Francisco | N-grnhs flower | 884 | <0.01 | 1,170 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|-----------------|------------------------------|----------------|--------|--------------|
| San Francisco | Uncultivated non-ag | 90 | <0.01 | 185 |
| San Francisco | Turf/sod | 482 | <0.01 | 37 |
| San Joaquin | Almond | 1,564,331 | 34,372 | 1,526,016 |
| San Joaquin | Grape, wine | 6,144,211 | 41,373 | 1,316,550 |
| San Joaquin | Walnut | 824,927 | 23,129 | 805,838 |
| San Joaquin | Alfalfa | 156,895 | 7,267 | 324,695 |
| San Joaquin | Tomato, processing | 725,424 | 5,509 | 280,036 |
| San Luis Obispo | Grape, wine | 763,622 | 19,358 | 621,544 |
| San Luis Obispo | Strawberry | 1,223,055 | 8,867 | 326,569 |
| San Luis Obispo | Lettuce, head | 46,832 | 7,270 | 67,716 |
| San Luis Obispo | Brussels sprout | 18,315 | 3,364 | 35,036 |
| San Luis Obispo | Broccoli | 18,956 | 4,047 | 39,707 |
| San Mateo | Brussels sprout | 46,133 | 823 | 9,665 |
| San Mateo | N-grnhs plants in containers | 540 | 838 | 1,033 |
| San Mateo | Grape, wine | 991 | 303 | 518 |
| San Mateo | Uncultivated non-ag | 240 | <0.01 | 572 |
| San Mateo | Water (industrial) | 6,497 | <0.01 | 688 |
| Santa Barbara | Strawberry | 3,624,183 | 28,147 | 902,086 |
| Santa Barbara | Grape, wine | 909,778 | 11,761 | 510,819 |
| Santa Barbara | Broccoli | 69,887 | 17,278 | 175,362 |
| Santa Barbara | Lettuce, head | 70,275 | 13,183 | 150,121 |
| Santa Barbara | Cauliflower | 46,893 | 10,973 | 104,857 |
| Santa Clara | N-grnhs transplants | 847 | 1,753 | 92,430 |
| Santa Clara | Pepper, fruiting | 155,154 | 1,639 | 40,946 |
| Santa Clara | Tomato | 17,718 | 1,339 | 36,916 |
| Santa Clara | Lettuce, leaf | 23,641 | 4,700 | 37,897 |
| Santa Clara | Cherry | 22,353 | 817 | 18,371 |
| Santa Cruz | Strawberry | 659,665 | 5,590 | 117,078 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|------------|---------------------|----------------|--------|--------------|
| Santa Cruz | Raspberry | 244,612 | 2,262 | 30,105 |
| Santa Cruz | Blackberry | 109,627 | 3,092 | 30,436 |
| Santa Cruz | Lettuce, head | 17,555 | 2,989 | 27,661 |
| Santa Cruz | Lettuce, leaf | 21,045 | 3,300 | 27,259 |
| Shasta | Forest, timberland | 105,175 | 1,807 | 58,261 |
| Shasta | Walnut | 13,128 | 818 | 21,489 |
| Shasta | Timothy | 1,186 | 123 | 5,640 |
| Shasta | Forage hay/silage | 2,916 | 147 | 6,286 |
| Shasta | Rangeland | 207 | 23 | 3,515 |
| Sierra | Alfalfa | 276 | 36 | 2,172 |
| Sierra | Forest, timberland | 868 | 42 | 516 |
| Sierra | Grain | 52 | 3 | 189 |
| Sierra | Forage hay/silage | 34 | 4 | 120 |
| Sierra | Uncultivated non-ag | 1 | <0.01 | 4 |
| Siskiyou | Alfalfa | 38,617 | 1,954 | 115,122 |
| Siskiyou | Potato | 127,974 | 841 | 41,563 |
| Siskiyou | Strawberry | 51,108 | 1,556 | 51,256 |
| Siskiyou | Uncultivated ag | 7,941 | 162 | 14,244 |
| Siskiyou | Forest, timberland | 44,308 | 650 | 22,460 |
| Solano | Almond | 223,254 | 3,536 | 258,456 |
| Solano | Alfalfa | 50,389 | 2,477 | 113,594 |
| Solano | Tomato, processing | 208,481 | 3,275 | 138,602 |
| Solano | Uncultivated ag | 51,260 | 1,547 | 73,955 |
| Solano | Walnut | 62,392 | 2,212 | 82,407 |
| Sonoma | Grape, wine | 2,082,541 | 56,383 | 1,049,040 |
| Sonoma | Oat | 1,827 | 60 | 7,505 |
| Sonoma | Apple | 38,176 | 700 | 4,655 |
| Sonoma | Uncultivated ag | 1,273 | 32 | 2,339 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|------------|------------------------|----------------|--------|--------------|
| Sonoma | Water area | 4,606 | 73 | 2,915 |
| Stanislaus | Almond | 3,829,258 | 64,318 | 3,060,165 |
| Stanislaus | Walnut | 520,939 | 12,722 | 396,510 |
| Stanislaus | Corn (forage - fodder) | 127,830 | 5,065 | 212,829 |
| Stanislaus | Alfalfa | 48,903 | 2,497 | 88,693 |
| Stanislaus | Grape, wine | 381,283 | 2,121 | 92,661 |
| Sutter | Rice | 732,647 | 5,622 | 423,295 |
| Sutter | Walnut | 510,633 | 11,681 | 363,003 |
| Sutter | Almond | 147,813 | 3,179 | 137,577 |
| Sutter | Peach | 298,634 | 6,319 | 96,104 |
| Sutter | Tomato, processing | 189,239 | 1,439 | 80,959 |
| Tehama | Walnut | 483,342 | 16,435 | 409,356 |
| Tehama | Almond | 145,681 | 4,421 | 189,207 |
| Tehama | Prune | 42,892 | 1,185 | 32,709 |
| Tehama | Olive | 39,480 | 759 | 24,304 |
| Tehama | Uncultivated ag | 120,285 | 1,206 | 10,823 |
| Trinity | Forest, timberland | 27,281 | 440 | 16,484 |
| Trinity | Unknown | 51 | 3 | 32 |
| Trinity | N-outdr transplants | 95 | 2 | 15 |
| Tulare | Almond | 2,182,940 | 26,237 | 1,346,498 |
| Tulare | Orange | 5,370,783 | 77,820 | 1,413,460 |
| Tulare | Pistachio | 884,344 | 19,041 | 1,112,077 |
| Tulare | Grape | 2,262,461 | 25,750 | 1,001,592 |
| Tulare | Corn (forage - fodder) | 300,604 | 9,238 | 495,927 |
| Tuolumne | Forest, timberland | 20,365 | 529 | 10,971 |
| Tuolumne | Rangeland | 58 | 34 | 5,211 |
| Tuolumne | Animal premise | 0 | 19 | 387 |
| Tuolumne | Golf course turf | 116 | <0.01 | 168 |

| County | Commodity or Site | Pounds Applied | Apps | Acre Treated |
|-----------------|--------------------------|-----------------------|-------------|---------------------|
| Tuolumne | Water area | 303 | <0.01 | 50 |
| Ventura | Strawberry | 3,602,882 | 19,758 | 844,563 |
| Ventura | Celery | 112,002 | 12,605 | 214,791 |
| Ventura | Lemon | 1,217,579 | 11,749 | 195,775 |
| Ventura | Cabbage | 58,914 | 10,167 | 99,763 |
| Ventura | Pepper, fruiting | 196,531 | 3,582 | 67,354 |
| Yolo | Almond | 313,415 | 5,585 | 351,402 |
| Yolo | Grape, wine | 1,816,974 | 11,790 | 371,315 |
| Yolo | Tomato, processing | 509,193 | 4,690 | 288,531 |
| Yolo | Uncultivated ag | 116,730 | 2,143 | 135,663 |
| Yolo | Alfalfa | 49,511 | 1,769 | 115,793 |
| Yuba | Rice | 439,158 | 4,717 | 282,052 |
| Yuba | Walnut | 253,193 | 5,078 | 205,696 |
| Yuba | Prune | 95,003 | 1,180 | 40,299 |
| Yuba | Almond | 21,970 | 675 | 33,001 |
| Yuba | Peach | 71,038 | 2,224 | 26,059 |