

# 2018 Annual Statewide Pesticide Use Report Commodity Totals

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Apps = Number of agricultural applications, None = Not Available: many nonagricultural pesticide use reports are not legally required to report area treated or number of applications (0.0 indicates the value was less than 0.01). 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	Pounds Applied	Apps
Airport	2,365.56	None
Alfalfa	2,698,393.94	91,751
Alfalfa-grass mixture	55.97	4
Almond	39,207,141.98	438,618
Animal burrows	25.27	6
Animal premise	490,308.78	338
Apple	398,584.92	8,168
Apricot	138,972.55	5,885
Artichoke, globe	64,050.19	10,123
Arugula	30,552.65	7,074
Asparagus	14,210.61	499
Avocado	574,630.97	14,746
Bamboo shoots	6,898.19	None
Barley	17,837.15	931
Barley (forage - fodder)	5,659.88	333
Basil, sweet	50,261.36	3,329
Bean, dried	96,021.12	4,422
Bean, succulent	30,043.99	1,601
Bean, unspecified	10,413.56	1,037
Beehive	1,807.06	91
Beet	46,700.33	4,596
Beet (forage - fodder)	0.42	1
Bermudagrass	626,141.24	2,295
Bitter melon	831.91	64
Blackberry	229,728.21	7,319
Blueberry	293,595.13	4,394
Bok choy	63,736.04	12,828
Boysenberry	2.1	4
Broccoli	496,607.56	72,761
Brussels sprout	489,037.35	26,998
Buildings/non-ag outdoor	3,835.27	8
Bushberry	538.3	None

Commodity or Site	Pounds Applied	Apps
Cabbage	185,809.05	29,887
Cactus leaf	78.9	8
Cactus pear	2,339.99	80
Canola (rape)	1,026.38	66
Cantaloupe	213,000.24	4,230
Cardoon	105.61	63
Carrot	5,594,386.74	11,362
Carrot (forage - fodder)	40.25	4
Cashew	106.0	None
Cauliflower	170,761.26	33,002
Celeriac	7,496.04	777
Celery	290,971.04	61,181
Cherimoya	185.53	13
Cherry	1,330,231.48	36,507
Chervil	26.91	86
Chestnut	3,060.6	29
Chicory	560.1	75
Chinese amaranth (chinese spinach, tampala, yin choy)	18.97	96
Chinese broccoli (gai lon)	3,668.5	1,894
Chinese cabbage (Napa)	85,918.55	11,287
Chinese chives	40.4	29
Chinese greens	2,577.04	250
Chive	789.76	625
Christmas tree	584.73	78
Chrysanthemum, edible leaved	54.17	9
Chrysanthemum, garland	1.02	1
Cilantro	84,617.29	10,373
Citrus	105,035.51	1,788
Clover	462.55	10
Cole crop	124.54	553
Collard	58,086.01	6,823
Commercial storages or warehouses (all or unspec)	4.16	None
Commodity fumigation	392,558.11	116
Corn (forage - fodder)	963,203.3	32,100
Corn, grain	48,359.55	2,754
Corn, human consumption	250,871.62	19,501
Cotton	3,463,714.54	75,886
Cotton (forage - fodder)	854.69	18
County ag comm	1,836.17	None
Cranberry	0.22	None

<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>
Cucumber	42,918.11	3,950
Daikon	3,888.16	575
Dairy equipment	1,048.71	8
Dandelion green	4,158.64	831
Date	22,950.95	1,064
Dill	14,319.68	687
Ditch bank	779,328.45	593
Dried fruit	13,250.63	None
Edible flowers	0.48	16
Eggplant	79,548.69	1,207
Endive (escarole)	13,348.06	5,590
Farm/ag building	542.44	9
Fava bean	566.8	301
Fennel	4,626.68	1,528
Fig	52,656.4	860
Flax	0.22	None
Food processing plant	63,766.4	None
Forage hay/silage	51,995.64	1,833
Forest, timberland	446,484.96	8,141
Fumigation, other	614,885.58	22
Gai choy	31.16	83
Gai lon	3,976.89	1,174
Garbanzo bean	39,562.49	601
Garlic	160,149.5	3,967
Ginger	1.08	10
Golf course turf	31,556.08	38
Gooseberry	0.66	3
Gourds (edible)	25.14	25
Grain	282.1	8
Grape	14,965,817.14	167,054
Grape, wine	30,178,688.07	430,944
Grapefruit	338,873.29	5,721
Grass, seed	5,879.45	433
Greenhouse fumigation	2,015.27	None
Guava	1,124.27	98
Herb, spice	3,437.79	2,685
Hops	41.38	36
Horseradish	252.45	18
Household	30.99	None
Industrial hemp	15,295.06	11,367
Industrial processing water	420,990.0	None
Industrial site	57,542.94	21

Commodity or Site	Pounds Applied	Apps
Industrial waste disposal systems, disposal water	3,580.72	None
Jicama	1.29	1
Jujube	19.79	1
Kale	138,881.26	24,181
Kiwi fruit fuzzy	103,166.15	2,941
Kohlrabi	17,457.28	1,562
Kumquat	545.12	87
Landscape maintenance	1,537,443.67	1,077
Leek	23,397.46	3,190
Legume (forage - fodder)	161.99	7
Lemon	3,485,001.33	34,836
Lettuce, head	886,814.84	126,973
Lettuce, leaf	1,229,481.66	216,138
Lime	7,647.03	312
Loganberry	0.14	1
Lumber, treated	1,475,459.16	None
Mango	11,921.09	74
Melon	250,400.5	3,464
Mint	7,265.98	1,783
Mizuna	1,553.51	698
Mushroom	3,977.53	4,368
Mushroom house	137.87	50
Mushroom soil	433.52	188
Mustard	27,838.13	4,035
Mustard cabbage (pak choi)	204.72	137
Mustard greens	38,161.87	5,734
N-grnhs flower	48,933.63	22,073
N-grnhs plants in containers	99,597.22	59,521
N-grnhs transplants	27,110.43	35,426
N-outdr flower	300,080.89	33,411
N-outdr plants in containers	819,954.62	79,880
N-outdr transplants	554,031.59	19,000
Nectarine	1,328,075.5	41,349
Nursery soil	749.76	123
Nuts	15.77	16
Oat	14,810.52	851
Oat (forage - fodder)	52,733.93	4,290
Okra	585.87	80
Olive	704,193.68	7,051
Onion, dry	1,265,203.98	16,991
Onion, green	2,152.01	820
Orange	11,140,803.16	125,811

Commodity or Site	Pounds Applied	Apps
Orchard floor	34,307.82	632
Orchardgrass	3,159.01	102
Oregano	198.21	334
Parsley	74,820.94	7,971
Parsnip	208.31	4
Pasture (forage - fodder)	264.37	14
Pastureland	20,679.05	992
Peach	3,148,952.82	74,915
Peanut	0.0	1
Pear	1,284,589.08	9,130
Pear, asian (oriental pear, ya, ya li, nashi)	5,301.31	309
Peas	98,668.21	9,967
Pecan	32,574.95	1,650
Pepper, fruiting	1,681,432.95	14,510
Pepper, spice	60,754.88	173
Peppermint	4.09	2
Persimmon	12,883.76	945
Pimento	1,599.94	120
Pistachio	5,820,947.67	77,977
Plum	790,053.04	27,375
Pluot	7,134.55	258
Pome fruit	112.2	80
Pomegranate	525,577.41	2,967
Pomelo	28,535.49	623
Potato	1,303,933.53	5,937
Poultry	0.03	36
Prune	880,805.8	11,396
Public health	707,570.02	None
Pumpkin	55,782.06	1,888
Quince	4,318.45	187
Radicchio	14,001.46	1,988
Radish	12,719.7	5,270
Rangeland	11,961.65	793
Rape (leafy vegetable)	12.41	27
Rapini	14,217.45	1,811
Raspberry	477,907.0	10,791
Recreation area	459.61	27
Regulatory pest control	66,268.59	18
Research commodity	14,205.99	3,012
Rice	4,596,563.9	40,656
Rice, wild	61,544.53	441
Rights of way	4,053,692.95	4,225

Commodity or Site	Pounds Applied	Apps
Root vegetable	45.22	184
Rosemary	213.01	237
Rutabaga	14.89	21
Rye	684.25	74
Ryegrass	14,184.97	594
Safflower	252,517.36	2,157
Sage	1,075.74	644
Sewage system	1,722.83	None
Shallot	1,295.91	52
Small fruits/berry	41.3	18
Sod farm (turf)	15,442.61	445
Soil fumigation/preplant	3,787,966.66	5,182
Sorghum (forage - fodder)	45,378.38	1,383
Sorghum/milo	18,269.52	632
Soybean	81.68	5
Spinach	271,662.46	63,473
Squash	54,889.64	2,596
Squash, summer	45,655.27	478
Squash, winter	23,270.34	209
Squash, zucchini	165.15	55
Stone fruit	3,537.74	412
Storage area/box	6,109.02	None
Strawberry	9,632,790.39	72,046
Structural pest control	3,452,219.49	14
Sudangrass	22,233.37	775
Sugarbeet	784,370.65	5,262
Sugarbeet (forage - fodder)	259.31	11
Sugarcane	597.06	5
Sunflower	179,759.03	3,260
Sweet potato	1,634,992.91	1,085
Swiss chard	69,094.79	12,982
Tangelo	256,912.02	4,299
Tangerine	3,519,138.06	50,993
Tarragon	130.26	100
Tat soi (spinach mustard)	1,648.03	1,025
Thyme	244.06	359
Timothy	2,423.82	137
Tomatillo	124.29	44
Tomato	1,115,984.02	15,391
Tomato, processing	12,029,197.76	36,672
Triticale	13,385.61	1,733
Tropical/subtropical fruit	194.81	60
Turf/sod	23,047.22	1,517

<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>
Turnip	28,395.58	2,081
Turnip greens	5.45	11
Uncultivated ag	1,490,795.23	34,690
Uncultivated non-ag	54,577.66	1,843
Unknown	47,871.07	187
Upland cress	1,039.09	950
Vegetable	1,462.59	393
Vegetables, fruiting	189.94	115
Vegetables, leafy	1,237.95	3,249
Vegetables, stem	0.02	5
Vertebrate control	15,893.14	437
Vetch	276.15	6
Walnut	7,398,507.01	152,826
Water (industrial)	1,566,900.38	7
Water area	922,992.32	619
Water systems - human potable/drinking	914.3	None
Water washer/cooler/condenser systems	102,925.83	None
Watercress	671.57	192
Watermelon	397,240.67	4,891
Wheat	203,620.75	8,818
Wheat (forage - fodder)	175,044.0	13,326
Yam	5.1	20