

2020 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, N/A = Not Available: many nonagricultural pesticide use reports are not legally required to report area treated or number of applications. 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	764.81	N/A
Alfalfa	2,843,152.81	93,540
Alfalfa-grass mixture	115.1	8
Almond	43,945,600.55	493,482
Animal burrows	16.31	9
Animal premise	413,706.78	247
Apple	339,561.66	7,727
Apricot	102,797.2	5,151
Artichoke, globe	48,990.15	8,235
Arugula	25,427.0	6,083
Asparagus	11,352.72	270
Avocado	511,324.74	15,151
Bamboo shoots	6,309.34	N/A
Barley	20,867.32	691
Barley (forage - fodder)	3,554.04	270
Basil, sweet	57,949.95	2,676
Bean, dried	76,084.04	3,867
Bean, succulent	27,494.04	2,009
Bean, unspecified	5,603.5	1,207
Beehive	7,136.38	78
Beet	72,345.82	3,628
Bermudagrass	564,964.87	2,523
Beverage crop	2.59	5
Bitter melon	95.57	26
Blackberry	280,296.48	9,921
Blueberry	141,173.03	3,979
Bok choy	75,020.04	9,007
Boysenberry	28.67	8
Broccoli	627,287.67	86,652
Brussels sprout	548,541.27	26,492
Buildings/non-ag outdoor	616.98	4
Bushberry	211.76	26

Commodity or Site	Pounds Applied	Apps
Cabbage	225,160.96	45,235
Cannabis (all or unspecified)	53,341.71	33,256
Canola (rape)	157.78	5
Cantaloupe	185,730.92	3,878
Cardoon	56.14	73
Carrot	5,966,353.45	10,997
Cattle	<0.01	N/A
Cauliflower	294,122.69	42,631
Celeriac	6,172.2	480
Celery	369,715.8	65,489
Cherimoya	412.67	62
Cherry	1,214,054.12	38,512
Chervil	26.17	44
Chestnut	264.63	26
Chicory	2.25	52
Chinese amaranth (chinese spinach, tampala, yin choy)	79.9	87
Chinese broccoli (gai lon)	2,555.98	838
Chinese cabbage (napa, won bok, celery cabbage)	101,542.05	7,841
Chinese greens	7,981.06	115
Chive	392.92	257
Christmas tree	1,619.5	106
Chrysanthemum, edible leaved	174.12	90
Chrysanthemum, garland	5.97	4
Cilantro	76,613.06	7,801
Citrus	129,275.8	2,221
Clover	232.55	12
Cole crop	26.4	395
Collard	81,428.43	6,159
Commercial storages or warehouses (all or unspec)	55.38	N/A
Commodity fumigation	1,014,955.94	105
Corn (forage - fodder)	1,109,742.25	37,203
Corn, grain	70,839.32	2,991
Corn, human consumption	274,075.5	21,005
Cotton	2,454,097.49	56,044
County ag comm	1,132.78	N/A
Cranberry	132.3	N/A
Cucumber	31,449.09	3,385
Daikon	4,384.44	156
Dairy equipment	41.78	16
Dandelion green	3,256.28	669

Commodity or Site	Pounds Applied	Apps
Date	35,472.83	1,200
Dill	24,491.65	436
Ditch bank	893,925.53	420
Dried fruit	14,442.0	N/A
Edible flowers	8.83	28
Eggplant	101,197.65	1,069
Endive (escarole)	6,663.4	3,613
Farm/ag building	1,432.23	120
Fava bean	505.49	401
Fennel	4,677.9	1,166
Fig	38,729.73	898
Food processing plant	103,771.21	5
Forage hay/silage	54,450.09	2,385
Forest, timberland	565,810.3	10,175
Fumigation, other	324,647.31	14
Gai choy	63.54	56
Gai lon	1,352.56	645
Garbanzo bean	24,615.66	391
Garlic	172,736.03	4,214
Ginger	311.64	24
Golf course turf	32,147.3	183
Gourd	0.48	1
Gourds (edible)	34.78	25
Grain	471.07	27
Grape	14,766,153.48	157,568
Grape, wine	28,472,579.88	394,027
Grapefruit	417,044.38	6,467
Grass, seed	27,132.94	728
Greenhouse fumigation	5.57	N/A
Guava	899.85	100
Herb, spice	3,103.91	2,075
Hops	83.43	33
Horseradish	457.89	56
Household	14.36	1
Industrial hemp	14,659.13	790
Industrial processing water	81,766.91	N/A
Industrial site	36,119.24	61
Industrial waste disposal systems, disposal water	57.64	N/A
Jojoba bean	245.01	1
Jujube	110.55	10
Kale	115,352.99	20,291
Kiwi fruit fuzzy	116,881.14	5,341

Commodity or Site	Pounds Applied	Apps
Kohlrabi	11,144.1	1,174
Kumquat	232.88	72
Landscape maintenance	2,097,066.66	1,192
Leek	10,642.57	1,938
Lemon	3,933,600.43	41,012
Lemongrass	29.48	4
Lettuce, head	892,766.44	133,406
Lettuce, leaf	1,454,980.25	219,746
Lime	11,934.36	352
Loganberry	6.85	3
Lovegrass, teff (forage - fodder)	46.64	8
Lumber, treated	1,521,185.74	N/A
Macadamia nut	0.02	4
Mango	24,695.1	51
Melon	283,864.24	4,160
Mint	5,612.95	1,382
Mizuna	2,455.22	918
Mushroom	2,882.49	2,996
Mushroom house	458.02	360
Mushroom soil	89.63	146
Mustard	24,254.33	2,755
Mustard cabbage (pak choi)	1.2	2
Mustard greens	44,451.01	5,568
N-grnhs flower	34,321.3	16,053
N-grnhs plants in containers	48,235.49	61,638
N-grnhs transplants	41,337.17	42,593
N-outdr flower	138,166.39	32,038
N-outdr plants in containers	614,787.27	82,869
N-outdr transplants	642,239.93	21,305
Nectarine	1,214,325.09	36,068
Nursery soil	711.03	80
Nuts	106.39	12
Oat	8,596.46	548
Oat (forage - fodder)	78,195.39	5,422
Okra	133.05	32
Olallieberry	12.52	3
Olive	587,319.24	8,048
Onion, dry	1,532,329.45	15,015
Onion, green	49,390.77	901
Orange	11,560,430.02	122,294
Orchard floor	180.28	60
Orchardgrass	3,288.83	112

Commodity or Site	Pounds Applied	Apps
Oregano	222.08	315
Papaya	<0.01	N/A
Parsley	52,929.09	5,704
Parsnip	3.87	4
Pasture (forage - fodder)	473.53	52
Pastureland	20,533.09	1,414
Peach	3,074,289.64	69,715
Peanut	4.66	2
Pear	1,232,570.43	8,986
Pear, asian (oriental pear, ya, ya li, nashi)	12,724.72	376
Peas	77,581.54	5,922
Peas (forage - fodder)	597.16	8
Pecan	45,533.28	1,653
Pepper, fruiting	1,586,392.24	12,460
Pepper, spice	43,067.24	328
Persimmon	10,198.07	863
Pimento	1,341.35	9
Pistachio	6,472,967.13	101,189
Plum	736,610.82	26,734
Pluot	2,111.54	158
Pome fruit	391.03	37
Pomegranate	576,479.49	3,872
Pomelo	51,248.7	840
Potato	1,000,311.69	5,525
Prune	707,694.15	10,763
Public health	577,320.35	N/A
Pumpkin	113,495.42	1,790
Quince	3,275.5	284
Radicchio	9,209.72	945
Radish	13,773.52	4,813
Rangeland	19,549.29	1,168
Rapini	23,536.83	2,530
Raspberry	551,646.04	13,187
Recreation area	128.05	4
Regulatory pest control	55,919.62	4
Research commodity	9,194.67	3,833
Residential	0.19	N/A
Restaurant	<0.01	N/A
Rice	5,321,129.26	45,580
Rice, wild	35,389.77	91
Rights of way	5,136,916.18	5,082
Root vegetable	42.55	216

Commodity or Site	Pounds Applied	Apps
Rosemary	802.22	453
Rutabaga	11.84	10
Rye	1,861.36	198
Ryegrass	13,623.85	620
Safflower	128,394.03	1,069
Sage	966.03	518
Sewage system	1,034.45	N/A
Shallot	214.85	58
Small fruits/berry	28.04	16
Sod farm (turf)	11,975.5	394
Soil fumigation/preplant	4,097,573.39	3,340
Sorghum (forage - fodder)	32,710.67	1,068
Sorghum/milo	22,798.26	822
Soybean	39.43	7
Spinach	299,990.33	53,214
Squash	55,119.38	2,305
Squash, summer	55,320.93	472
Squash, winter	44,956.13	321
Squash, zucchini	591.62	39
Stone fruit	11,791.13	422
Storage area/box	3,422.33	N/A
Strawberry	11,543,707.88	83,370
Structural pest control	3,291,312.08	11
Sudangrass	23,966.61	798
Sugarbeet	688,472.96	4,990
Sugarcane	535.4	13
Sunflower	117,871.99	3,450
Sweet potato	1,629,666.55	1,381
Swiss chard	62,602.45	10,825
Tangelo	259,937.87	3,782
Tangerine	3,934,935.65	52,146
Tarragon	68.88	126
Tat soi (spinach mustard)	18.87	3
Thyme	207.22	251
Timothy	3,063.15	184
Tomatillo	488.48	65
Tomato	1,042,520.0	17,012
Tomato, processing	10,845,167.83	35,887
Triticale	25,478.64	2,342
Tropical/subtropical fruit	202.0	64
Turf/sod	31,865.85	1,689
Turnip	37,217.24	1,427
Turnip greens	148.2	205

Commodity or Site	Pounds Applied	Apps
Uncultivated ag	1,582,551.45	40,591
Uncultivated non-ag	60,811.19	1,884
Unknown	2,704.66	144
Upland cress	819.34	961
Vegetable	763.85	99
Vegetables, fruiting	138.53	248
Vegetables, leafy	4,459.56	3,037
Vertebrate control	13,355.66	273
Vetch	772.17	8
Walnut	7,365,440.0	171,389
Water (industrial)	1,506,282.44	36
Water area	712,352.31	559
Water filters & filtration systems	324.8	1
Water systems - human potable/drinking	724.9	N/A
Water washer/cooler/condenser systems	330.16	N/A
Watercress	244.04	130
Watermelon	457,530.28	5,215
Wheat	157,877.74	6,906
Wheat (forage - fodder)	134,551.58	12,338
Yam	27.48	22