

The Top Five Commodities by Pounds in each County in 2020

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 value in acres treated or number of applications therefore indicates 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.

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Alameda	Structural pest control	76,856	<0.01	<0.01
Alameda	Grape, wine	51,380	4,934	40,844
Alameda	Landscape maintenance	40,644	<0.01	<0.01
Alameda	Rights of way	32,882	<0.01	<0.01
Alameda	Water (industrial)	24,931	<0.01	54
Alpine	Landscape maintenance	1,169	<0.01	<0.01
Alpine	Structural pest control	403	<0.01	<0.01
Alpine	Alfalfa	207	7	490
Alpine	Rights of way	84	<0.01	<0.01
Alpine	Regulatory pest control	27	<0.01	<0.01
Amador	Grape, wine	91,087	3,947	40,990
Amador	Rights of way	7,996	4	8
Amador	Forest, timberland	2,986	80	1,126
Amador	Alfalfa	2,874	132	6,438
Amador	Landscape maintenance	2,477	3	6
Butte	Rice	1,380,061	8,612	710,038
Butte	Walnut	1,222,802	24,863	992,897
Butte	Almond	417,902	11,727	496,427

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Butte	Prune	80,828	1,677	60,048
Butte	Rights of way	65,877	28	1,641
Calaveras	Forest, timberland	18,832	496	7,674
Calaveras	Grape, wine	14,174	888	8,204
Calaveras	Landscape maintenance	12,260	<0.01	<0.01
Calaveras	Rights of way	7,711	15	62
Calaveras	Animal premise	6,141	<0.01	77
Colusa	Rice	1,036,273	11,282	757,487
Colusa	Almond	749,929	16,732	955,795
Colusa	Walnut	504,250	5,451	278,525
Colusa	Tomato, processing	255,567	3,543	194,879
Colusa	Grape, wine	121,166	478	20,298
Contra Costa	Landscape maintenance	102,075	1	1
Contra Costa	Grape, wine	86,368	2,255	26,108
Contra Costa	Tomato, processing	48,513	798	29,530
Contra Costa	Rights of way	39,022	2	2
Contra Costa	Structural pest control	30,753	<0.01	<0.01
Del Norte	Soil fumigation/preplant	265,576	123	964
Del Norte	N-outdr flower	22,318	2,585	20,012
Del Norte	Forest, timberland	723	63	1,425
Del Norte	Rights of way	292	<0.01	<0.01
Del Norte	N-grnhs plants in containers	213	403	166
El Dorado	Forest, timberland	120,494	1,833	24,727
El Dorado	Grape, wine	53,436	3,539	29,849
El Dorado	Rights of way	27,409	14	93
El Dorado	Apple	14,342	519	3,003
El Dorado	Landscape maintenance	13,248	5	3
Fresno	Almond	11,463,263	97,944	5,927,795
Fresno	Tomato, processing	5,384,762	9,812	1,128,331
Fresno	Grape	4,638,038	58,481	1,738,033
Fresno	Grape, wine	2,373,846	14,736	1,033,771
Fresno	Pistachio	1,749,540	25,325	2,182,394
Glenn	Almond	779,506	14,404	946,999
Glenn	Rice	709,593	8,780	519,315
Glenn	Walnut	604,420	14,547	492,381
Glenn	Uncultivated ag	85,558	741	31,455
Glenn	Rights of way	60,850	14	140
Humboldt	Forest, timberland	20,179	645	13,600

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Humboldt	Rights of way	18,317	<0.01	<0.01
Humboldt	Structural pest control	3,299	<0.01	<0.01
Humboldt	N-grnhs flower	1,656	1,796	2,893
Humboldt	Cannabis (all or unspecified)	875	1,287	109
Imperial	Alfalfa	1,167,897	25,982	1,735,210
Imperial	Rights of way	1,012,659	<0.01	<0.01
Imperial	Sugarbeet	688,397	4,982	363,180
Imperial	Carrot	672,361	2,382	110,864
Imperial	Bermudagrass	560,268	2,297	160,106
Inyo	Rights of way	30,280	<0.01	<0.01
Inyo	Alfalfa	3,982	80	4,650
Inyo	Landscape maintenance	462	<0.01	<0.01
Inyo	Structural pest control	227	<0.01	<0.01
Inyo	N-grnhs flower	198	<0.01	289
Kern	Almond	9,243,628	63,140	4,271,355
Kern	Grape	4,968,629	47,339	2,134,232
Kern	Carrot	3,226,106	3,481	216,919
Kern	Orange	2,795,057	16,134	626,220
Kern	Pistachio	2,170,875	23,769	1,800,961
Kings	Tomato, processing	1,829,837	2,666	362,177
Kings	Cotton	1,340,814	17,284	3,260,588
Kings	Almond	1,272,560	15,912	846,780
Kings	Soil fumigation/preplant	737,713	1,723	291,633
Kings	Pistachio	714,347	13,567	740,846
Lake	Grape, wine	503,255	5,807	155,525
Lake	Pear	242,777	2,171	45,332
Lake	Landscape maintenance	16,537	55	378
Lake	Water area	11,007	10	430
Lake	Rights of way	4,210	128	778
Lassen	Strawberry	122,272	249	6,151
Lassen	Soil fumigation/preplant	43,228	6	121
Lassen	Alfalfa	14,020	584	44,984
Lassen	Forest, timberland	13,025	268	12,277
Lassen	Rights of way	4,559	48	197
Los Angeles	Structural pest control	905,251	<0.01	<0.01
Los Angeles	Carrot	760,812	332	27,124

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Los Angeles	Water (industrial)	411,062	<0.01	<0.01
Los Angeles	Rights of way	197,504	3	1
Los Angeles	Landscape maintenance	143,270	112	489
Madera	Almond	5,350,456	54,560	3,173,699
Madera	Grape, wine	2,200,943	10,242	626,233
Madera	Grape	1,596,388	11,174	457,782
Madera	Pistachio	712,228	13,301	929,836
Madera	Orange	195,859	1,913	56,191
Marin	Landscape maintenance	26,446	1	2
Marin	Structural pest control	22,031	<0.01	<0.01
Marin	Water area	18,182	<0.01	61
Marin	Grape, wine	5,740	254	1,626
Marin	Rights of way	5,510	<0.01	<0.01
Mariposa	Rights of way	15,564	10	19
Mariposa	Rangeland	3,325	272	1,678
Mariposa	Landscape maintenance	3,286	<0.01	<0.01
Mariposa	Forest, timberland	1,861	64	1,278
Mariposa	Olive	668	50	368
Mendocino	Lumber, treated	1,521,186	<0.01	<0.01
Mendocino	Grape, wine	594,082	8,663	180,610
Mendocino	Pear	134,296	956	34,734
Mendocino	Rights of way	7,659	7	6
Mendocino	Forest, timberland	7,656	366	8,452
Merced	Almond	3,693,260	53,809	2,825,170
Merced	Sweet potato	1,423,153	1,163	33,215
Merced	Tomato, processing	1,160,566	4,256	257,001
Merced	Grape, wine	888,880	3,658	278,802
Merced	N-outdr transplants	308,750	1,163	25,262
Modoc	Potato	40,442	629	34,345
Modoc	Alfalfa	35,388	2,234	138,567
Modoc	Forest, timberland	26,172	419	16,297
Modoc	Rights of way	16,052	17	5,715
Modoc	Onion, dry	5,865	262	18,207
Mono	Alfalfa	9,592	178	12,533
Mono	Rights of way	515	<0.01	<0.01
Mono	Landscape maintenance	488	2	5
Mono	Forage hay/silage	420	12	608
Mono	Structural pest control	218	<0.01	<0.01

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Monterey	Strawberry	3,525,291	21,240	602,645
Monterey	Grape, wine	1,953,059	45,255	1,333,511
Monterey	Lettuce, leaf	847,911	155,560	1,464,681
Monterey	Rights of way	634,877	4	860
Monterey	Lettuce, head	452,676	84,163	924,072
Napa	Grape, wine	1,373,553	74,483	705,758
Napa	Landscape maintenance	16,220	49	52
Napa	Fumigation, other	14,468	<0.01	<0.01
Napa	Structural pest control	4,999	3	30
Napa	Rights of way	4,407	<0.01	<0.01
Nevada	Grape, wine	21,537	339	6,692
Nevada	Rights of way	18,041	<0.01	<0.01
Nevada	Landscape maintenance	8,168	8	5
Nevada	Forest, timberland	2,682	76	2,965
Nevada	Structural pest control	2,586	<0.01	<0.01
Orange	Structural pest control	495,792	<0.01	<0.01
Orange	Landscape maintenance	148,394	14	120
Orange	Strawberry	82,866	127	2,798
Orange	Rights of way	67,314	26	47
Orange	Water (industrial)	36,416	<0.01	57
Placer	Rice	115,466	1,092	61,991
Placer	Walnut	56,378	658	41,051
Placer	Almond	49,962	468	31,397
Placer	Rights of way	49,106	1	<0.01
Placer	Landscape maintenance	33,622	84	662
Plumas	Forest, timberland	9,910	216	7,249
Plumas	Rights of way	4,111	8	72
Plumas	Alfalfa	2,983	41	5,275
Plumas	Landscape maintenance	895	1	20
Plumas	Uncultivated ag	826	4	640
Riverside	Pepper, fruiting	684,598	2,952	86,176
Riverside	Grape	548,743	6,949	236,011
Riverside	Lemon	453,803	2,183	102,504
Riverside	Alfalfa	351,417	19,160	729,835
Riverside	Rights of way	150,482	161	322
Sacramento	Grape, wine	2,861,111	16,196	719,529

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sacramento	Pear	713,286	3,997	159,032
Sacramento	Rice	149,997	968	76,133
Sacramento	Structural pest control	76,637	<0.01	<0.01
Sacramento	Landscape maintenance	62,819	66	1,308
San Benito	Grape, wine	152,744	6,016	89,517
San Benito	Pepper, fruiting	140,818	1,682	39,049
San Benito	Lettuce, leaf	104,156	12,438	88,515
San Benito	Uncultivated ag	44,612	1,909	17,252
San Benito	Ditch bank	42,241	<0.01	4
San Bernardino	Landscape maintenance	179,421	4	9
San Bernardino	Structural pest control	111,236	<0.01	<0.01
San Bernardino	Rights of way	103,169	<0.01	<0.01
San Bernardino	Water (industrial)	67,363	<0.01	41
San Bernardino	Water area	32,529	2	3,058
San Diego	Structural pest control	496,792	1	<0.01
San Diego	Landscape maintenance	224,843	11	4
San Diego	Tomato	138,212	1,328	52,291
San Diego	Rights of way	97,058	<0.01	<0.01
San Diego	Avocado	72,419	3,437	41,601
San Francisco	N-grnhs transplants	6,066	<0.01	3,424
San Francisco	Structural pest control	4,581	<0.01	<0.01
San Francisco	Landscape maintenance	3,725	<0.01	<0.01
San Francisco	Water (industrial)	2,688	<0.01	<0.01
San Francisco	N-grnhs flower	1,004	<0.01	1,639
San Joaquin	Grape, wine	6,676,914	44,307	1,388,330
San Joaquin	Almond	2,171,453	37,764	1,606,716
San Joaquin	Walnut	1,237,244	28,523	925,590
San Joaquin	Soil fumigation/preplant	704,257	941	32,471
San Joaquin	Tomato, processing	700,671	3,994	207,578
San Luis Obispo	Strawberry	1,262,598	9,491	366,743
San Luis Obispo	Grape, wine	814,550	19,387	645,795
San Luis Obispo	Carrot	224,939	527	37,127
San Luis Obispo	Chinese cabbage (napa, won bok, celery cabbage)	80,730	3,154	19,369
San Luis Obispo	Cauliflower	59,507	3,284	30,491

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Mateo	Brussels sprout	53,267	702	9,032
San Mateo	Structural pest control	48,575	<0.01	<0.01
San Mateo	Landscape maintenance	48,056	<0.01	<0.01
San Mateo	Public health	14,725	<0.01	<0.01
San Mateo	Rights of way	10,082	<0.01	<0.01
Santa Barbara	Strawberry	3,000,125	24,864	764,596
Santa Barbara	Grape, wine	1,006,594	13,456	505,658
Santa Barbara	Carrot	522,754	721	45,904
Santa Barbara	Lemon	113,149	1,437	18,293
Santa Barbara	Avocado	103,170	2,028	32,686
Santa Clara	Pepper, fruiting	200,638	1,191	24,442
Santa Clara	Structural pest control	196,726	<0.01	<0.01
Santa Clara	Landscape maintenance	84,051	20	77
Santa Clara	Tomato	53,812	561	17,439
Santa Clara	Water (industrial)	46,304	<0.01	165
Santa Cruz	Strawberry	609,792	7,491	107,623
Santa Cruz	Raspberry	289,829	2,776	36,407
Santa Cruz	Brussels sprout	105,576	1,287	21,450
Santa Cruz	Blackberry	77,353	3,201	26,157
Santa Cruz	Apple	57,469	1,005	17,783
Shasta	Forest, timberland	142,145	1,897	94,888
Shasta	Soil fumigation/preplant	60,023	17	180
Shasta	Walnut	32,061	1,201	30,454
Shasta	Rights of way	26,041	37	1,050
Shasta	Rice, wild	23,052	46	3,121
Sierra	Forest, timberland	4,635	142	3,650
Sierra	Wheat (forage - fodder)	207	2	270
Sierra	Rights of way	183	<0.01	<0.01
Sierra	Forage hay/silage	153	4	121
Sierra	Alfalfa	132	12	693
Siskiyou	Soil fumigation/preplant	1,040,007	203	4,590
Siskiyou	Strawberry	95,033	1,341	49,290
Siskiyou	Potato	53,049	593	32,809
Siskiyou	Forest, timberland	50,541	711	25,033
Siskiyou	Alfalfa	47,882	2,161	126,471
Solano	Grape, wine	354,761	4,382	98,233

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Solano	Landscape maintenance	311,637	44	348
Solano	Almond	262,429	4,589	329,213
Solano	Tomato, processing	204,536	2,526	104,974
Solano	Walnut	105,481	3,336	120,397
Sonoma	Grape, wine	2,477,297	81,168	1,088,973
Sonoma	Apple	55,542	821	6,131
Sonoma	Landscape maintenance	41,470	98	523
Sonoma	Structural pest control	41,323	<0.01	<0.01
Sonoma	Water area	18,926	118	8,887
Stanislaus	Almond	5,081,800	73,933	3,507,134
Stanislaus	Walnut	671,567	16,602	513,200
Stanislaus	Grape, wine	419,261	2,407	112,747
Stanislaus	Sweet potato	187,583	91	3,235
Stanislaus	Tomato, processing	156,662	1,014	67,130
Sutter	Rice	1,244,899	8,280	751,820
Sutter	Walnut	675,948	15,148	450,408
Sutter	Tomato, processing	274,210	1,760	112,934
Sutter	Peach	273,302	5,267	109,599
Sutter	Prune	201,902	2,525	86,601
Tehama	Walnut	662,503	19,506	495,318
Tehama	Almond	259,251	5,650	296,532
Tehama	Soil fumigation/preplant	186,480	17	543
Tehama	Uncultivated ag	154,577	830	7,566
Tehama	Commodity fumigation	138,589	<0.01	<0.01
Trinity	Forest, timberland	40,150	580	33,048
Trinity	Rights of way	10,286	<0.01	<0.01
Trinity	Unknown	607	23	379
Trinity	Cannabis (all or unspecified)	23	2	<0.01
Trinity	Landscape maintenance	22	<0.01	<0.01
Tulare	Orange	6,759,246	80,569	1,506,059
Tulare	Grape	2,542,315	28,033	1,147,109
Tulare	Almond	2,525,738	28,805	1,519,605
Tulare	Tangerine	1,666,992	23,697	494,942
Tulare	Soil fumigation/preplant	804,952	192	2,948
Tuolumne	Forest, timberland	37,880	975	18,620
Tuolumne	Rights of way	11,243	<0.01	<0.01

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tuolumne	Landscape maintenance	11,236	<0.01	<0.01
Tuolumne	Structural pest control	6,413	<0.01	<0.01
Tuolumne	Apple	542	18	182
Ventura	Strawberry	2,814,271	17,877	731,120
Ventura	Lemon	1,631,935	14,164	225,479
Ventura	Avocado	246,160	6,930	69,977
Ventura	Pepper, fruiting	204,277	3,086	71,213
Ventura	Celery	160,862	16,157	269,768
Yolo	Grape, wine	1,907,746	11,981	422,178
Yolo	Almond	353,102	7,732	506,440
Yolo	Tomato, processing	342,482	2,669	166,553
Yolo	Rice	273,371	1,755	175,413
Yolo	Uncultivated ag	169,907	2,494	169,321
Yuba	Rice	363,015	4,091	244,594
Yuba	Walnut	349,768	6,639	253,464
Yuba	Prune	150,717	1,394	52,667
Yuba	Soil fumigation/preplant	134,224	23	470
Yuba	Peach	106,355	1,790	34,820