

The Top Five Commodities by Acres Treated 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 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	51,380	4,934	40,844
Alameda	Almond	4,699	66	10,286
Alameda	Pistachio	478	48	1,268
Alameda	Olive	146	24	781
Alameda	Alfalfa	459	5	900
Alpine	Alfalfa	207	7	490
Amador	Grape, wine	91,087	3,947	40,990
Amador	Alfalfa	2,874	132	6,438
Amador	Wheat (forage - fodder)	516	29	1,875
Amador	Pastureland	293	36	1,064
Amador	Walnut	340	64	725
Butte	Walnut	1,222,802	24,863	992,897
Butte	Rice	1,380,061	8,612	710,038
Butte	Almond	417,902	11,727	496,427
Butte	Prune	80,828	1,677	60,048
Butte	Uncultivated non-ag	12,203	693	9,115
Calaveras	Rangeland	5,042	145	12,411
Calaveras	Forest, timberland	18,832	496	7,674
Calaveras	Grape, wine	14,174	888	8,204
Calaveras	Walnut	5,147	77	2,882
Calaveras	Almond	1,403	19	2,266
Colusa	Almond	749,929	16,732	955,795
Colusa	Rice	1,036,273	11,282	757,487
Colusa	Walnut	504,250	5,451	278,525

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Colusa	Tomato, processing	255,567	3,543	194,879
Colusa	Uncultivated ag	65,387	1,248	78,617
Contra Costa	Corn, human consumption	21,736	3,524	83,410
Contra Costa	Tomato, processing	48,513	798	29,530
Contra Costa	Uncultivated ag	13,403	920	19,895
Contra Costa	Grape, wine	86,368	2,255	26,108
Contra Costa	Alfalfa	8,994	287	18,967
Del Norte	N-outdr flower	22,318	2,585	20,012
Del Norte	Forest, timberland	723	63	1,425
Del Norte	Soil fumigation/preplant	265,576	123	964
Del Norte	N-grnhs plants in containers	213	403	166
Del Norte	N-outdr plants in containers	57	62	24
El Dorado	Grape, wine	53,436	3,539	29,849
El Dorado	Forest, timberland	120,494	1,833	24,727
El Dorado	Apple	14,342	519	3,003
El Dorado	Rangeland	600	99	1,455
El Dorado	Pastureland	116	217	304
Fresno	Almond	11,463,263	97,944	5,927,795
Fresno	Pistachio	1,749,540	25,325	2,182,394
Fresno	Grape	4,638,038	58,481	1,738,033
Fresno	Cotton	556,206	14,839	1,019,431
Fresno	Tomato, processing	5,384,762	9,812	1,128,331
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	Alfalfa	23,431	982	47,761
Glenn	Uncultivated ag	85,558	741	31,455
Humboldt	N-outdr flower	334	147	78,360
Humboldt	Forest, timberland	20,179	645	13,600
Humboldt	N-grnhs flower	1,656	1,796	2,893
Humboldt	Cannabis (all or unspecified)	875	1,287	109
Humboldt	Apple	355	26	86
Imperial	Alfalfa	1,167,897	25,982	1,735,210
Imperial	Sugarbeet	688,397	4,982	363,180
Imperial	Corn, human consumption	122,818	5,609	318,950
Imperial	Lettuce, leaf	140,870	14,396	305,605
Imperial	Onion, dry	280,507	3,602	236,361
Inyo	Alfalfa	3,982	80	4,650

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Inyo	Pastureland	67	15	1,138
Inyo	N-grnhs flower	198	<0.01	289
Inyo	Forage hay/silage	64	2	70
Inyo	Water systems - human potable/drinking	49	<0.01	1
Kern	Almond	9,243,628	63,140	4,271,355
Kern	Pistachio	2,170,875	23,769	1,800,961
Kern	Grape	4,968,629	47,339	2,134,232
Kern	Orange	2,795,057	16,134	626,220
Kern	Tangerine	1,102,621	11,240	464,145
Kings	Cotton	1,340,814	17,284	3,260,588
Kings	Almond	1,272,560	15,912	846,780
Kings	Pistachio	714,347	13,567	740,846
Kings	Tomato, processing	1,829,837	2,666	362,177
Kings	Soil fumigation/preplant	737,713	1,723	291,633
Lake	Grape, wine	503,255	5,807	155,525
Lake	Pear	242,777	2,171	45,332
Lake	Walnut	3,497	248	4,410
Lake	Rights of way	4,210	128	778
Lake	Uncultivated non-ag	952	52	502
Lassen	Alfalfa	14,020	584	44,984
Lassen	Forest, timberland	13,025	268	12,277
Lassen	Strawberry	122,272	249	6,151
Lassen	Pastureland	1,419	82	2,602
Lassen	Orchardgrass	387	31	2,097
Los Angeles	Carrot	760,812	332	27,124
Los Angeles	N-outdr plants in containers	13,915	6,573	11,824
Los Angeles	Potato	8,085	181	14,794
Los Angeles	Alfalfa	9,289	90	10,733
Los Angeles	Onion, dry	4,678	158	4,176
Madera	Almond	5,350,456	54,560	3,173,699
Madera	Pistachio	712,228	13,301	929,836
Madera	Grape, wine	2,200,943	10,242	626,233
Madera	Grape	1,596,388	11,174	457,782
Madera	Corn (forage - fodder)	37,186	1,145	67,411
Marin	Grape, wine	5,740	254	1,626
Marin	Olive	3,037	98	531
Marin	Pastureland	210	37	572
Marin	Water (industrial)	4,730	<0.01	155
Marin	Water area	18,182	<0.01	61

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Mariposa	Rangeland	3,325	272	1,678
Mariposa	Forest, timberland	1,861	64	1,278
Mariposa	Uncultivated ag	262	33	480
Mariposa	Olive	668	50	368
Mariposa	Apple	120	34	98
Mendocino	Grape, wine	594,082	8,663	180,610
Mendocino	Pear	134,296	956	34,734
Mendocino	Forest, timberland	7,656	366	8,452
Mendocino	Alfalfa	32	4	240
Mendocino	Apple	877	39	170
Merced	Almond	3,693,260	53,809	2,825,170
Merced	Cotton	306,271	14,028	623,845
Merced	Alfalfa	177,937	7,322	387,436
Merced	Corn (forage - fodder)	188,514	6,789	330,896
Merced	Pistachio	255,965	4,716	313,349
Modoc	Alfalfa	35,388	2,234	138,567
Modoc	Potato	40,442	629	34,345
Modoc	Onion, dry	5,865	262	18,207
Modoc	Wheat	4,442	209	12,789
Modoc	Mint	3,258	130	8,210
Mono	Alfalfa	9,592	178	12,533
Mono	Forage hay/silage	420	12	608
Mono	Garlic	10	3	15
Mono	Landscape maintenance	488	2	5
Mono	Pastureland	1	1	1
Monterey	Grape, wine	1,953,059	45,255	1,333,511
Monterey	Lettuce, leaf	847,911	155,560	1,464,681
Monterey	Lettuce, head	452,676	84,163	924,072
Monterey	Strawberry	3,525,291	21,240	602,645
Monterey	Broccoli	386,355	54,647	570,590
Napa	Grape, wine	1,373,553	74,483	705,758
Napa	Pastureland	1,043	9	900
Napa	Water area	2,230	20	1,288
Napa	Wheat	188	3	780
Napa	Uncultivated ag	354	79	219
Nevada	Grape, wine	21,537	339	6,692
Nevada	Forest, timberland	2,682	76	2,965
Nevada	Pastureland	295	<0.01	1,061
Nevada	Uncultivated non-ag	28	2	458
Nevada	Turf/sod	479	<0.01	212
Orange	N-outdr plants in containers	3,956	2,940	8,105

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Orange	Golf course turf	12,199	19	7,425
Orange	Pepper, fruiting	16,789	195	4,794
Orange	Strawberry	82,866	127	2,798
Orange	Lemon	12,349	157	3,053
Placer	Rice	115,466	1,092	61,991
Placer	Walnut	56,378	658	41,051
Placer	Almond	49,962	468	31,397
Placer	Forest, timberland	16,805	119	7,635
Placer	Forage hay/silage	737	20	1,391
Plumas	Forest, timberland	9,910	216	7,249
Plumas	Alfalfa	2,983	41	5,275
Plumas	Uncultivated ag	826	4	640
Plumas	Forage hay/silage	767	6	610
Plumas	Turf/sod	718	30	457
Riverside	Alfalfa	351,417	19,160	729,835
Riverside	Grape	548,743	6,949	236,011
Riverside	Cotton	43,555	2,527	101,700
Riverside	Lemon	453,803	2,183	102,504
Riverside	Pepper, fruiting	684,598	2,952	86,176
Sacramento	Grape, wine	2,861,111	16,196	719,529
Sacramento	Pear	713,286	3,997	159,032
Sacramento	Alfalfa	40,318	2,449	80,425
Sacramento	Rice	149,997	968	76,133
Sacramento	Almond	40,602	1,189	42,898
San Benito	Grape, wine	152,744	6,016	89,517
San Benito	Lettuce, leaf	104,156	12,438	88,515
San Benito	Pepper, fruiting	140,818	1,682	39,049
San Benito	Spinach	27,697	8,556	51,667
San Benito	Broccoli	26,401	2,954	26,410
San Bernardino	N-outdr plants in containers	3,994	1,100	103,388
San Bernardino	Orange	24,724	2,095	14,952
San Bernardino	Alfalfa	11,019	144	12,929
San Bernardino	Wheat (forage - fodder)	1,763	68	3,413
San Bernardino	Lemon	1,231	182	4,959
San Diego	Tomato	138,212	1,328	52,291
San Diego	N-outdr plants in containers	60,385	30,300	51,619
San Diego	Avocado	72,419	3,437	41,601
San Diego	Citrus	11,021	443	30,577
San Diego	N-outdr flower	33,147	6,276	21,014
San Francisco	N-grnhs transplants	6,066	<0.01	3,424
San Francisco	N-grnhs flower	1,004	<0.01	1,639

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Francisco	Industrial site	21	<0.01	152
San Francisco	Turf/sod	261	<0.01	42
San Francisco	Cannabis (all or unspecified)	103	1,102	22
San Joaquin	Almond	2,171,453	37,764	1,606,716
San Joaquin	Grape, wine	6,676,914	44,307	1,388,330
San Joaquin	Walnut	1,237,244	28,523	925,590
San Joaquin	Alfalfa	183,291	8,871	392,104
San Joaquin	Cherry	536,954	21,229	347,825
San Luis Obispo	Grape, wine	814,550	19,387	645,795
San Luis Obispo	Strawberry	1,262,598	9,491	366,743
San Luis Obispo	Lettuce, head	47,388	9,170	83,280
San Luis Obispo	Broccoli	20,165	4,278	41,430
San Luis Obispo	Brussels sprout	46,674	3,226	32,795
San Mateo	Brussels sprout	53,267	702	9,032
San Mateo	N-grnhs plants in containers	837	1,571	876
San Mateo	Water (industrial)	4,188	<0.01	760
San Mateo	Grape, wine	888	283	455
San Mateo	Fava bean	286	79	417
Santa Barbara	Strawberry	3,000,125	24,864	764,596
Santa Barbara	Grape, wine	1,006,594	13,456	505,658
Santa Barbara	Broccoli	80,189	17,496	175,470
Santa Barbara	Lettuce, head	86,924	15,693	180,977
Santa Barbara	Uncultivated ag	5,208	530	72,264
Santa Clara	Cherry	19,240	878	23,300
Santa Clara	Pepper, fruiting	200,638	1,191	24,442
Santa Clara	Lettuce, leaf	14,933	2,767	24,920
Santa Clara	Tomato	53,812	561	17,439
Santa Clara	Grape, wine	33,797	1,213	15,294
Santa Cruz	Strawberry	609,792	7,491	107,623
Santa Cruz	Lettuce, head	26,190	3,199	34,569
Santa Cruz	Raspberry	289,829	2,776	36,407
Santa Cruz	Lettuce, leaf	20,447	2,845	28,444
Santa Cruz	Blackberry	77,353	3,201	26,157
Shasta	Forest, timberland	142,145	1,897	94,888
Shasta	Walnut	32,061	1,201	30,454
Shasta	Timothy	3,015	175	8,382
Shasta	Forage hay/silage	2,498	155	5,358
Shasta	N-outdr transplants	4,420	266	3,559
Sierra	Forest, timberland	4,635	142	3,650
Sierra	Alfalfa	132	12	693
Sierra	Wheat (forage - fodder)	207	2	270

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sierra	Forage hay/silage	153	4	121
Sierra	Pastureland	28	1	25
Siskiyou	Alfalfa	47,882	2,161	126,471
Siskiyou	Strawberry	95,033	1,341	49,290
Siskiyou	Potato	53,049	593	32,809
Siskiyou	Onion, dry	4,767	353	17,257
Siskiyou	Forest, timberland	50,541	711	25,033
Solano	Almond	262,429	4,589	329,213
Solano	Alfalfa	60,611	2,611	129,070
Solano	Uncultivated ag	67,267	2,456	124,677
Solano	Walnut	105,481	3,336	120,397
Solano	Tomato, processing	204,536	2,526	104,974
Sonoma	Grape, wine	2,477,297	81,168	1,088,973
Sonoma	Oat	2,452	39	5,984
Sonoma	Water area	18,926	118	8,887
Sonoma	Uncultivated ag	3,360	69	4,099
Sonoma	Rangeland	568	32	3,546
Stanislaus	Almond	5,081,800	73,933	3,507,134
Stanislaus	Walnut	671,567	16,602	513,200
Stanislaus	Corn (forage - fodder)	130,976	5,291	213,592
Stanislaus	Alfalfa	57,436	2,504	100,189
Stanislaus	Grape, wine	419,261	2,407	112,747
Sutter	Rice	1,244,899	8,280	751,820
Sutter	Walnut	675,948	15,148	450,408
Sutter	Almond	189,544	4,179	155,190
Sutter	Uncultivated ag	185,324	1,648	114,506
Sutter	Tomato, processing	274,210	1,760	112,934
Tehama	Walnut	662,503	19,506	495,318
Tehama	Almond	259,251	5,650	296,532
Tehama	Prune	48,088	1,489	38,289
Tehama	Olive	23,717	775	27,558
Tehama	Forest, timberland	17,705	520	12,618
Trinity	Forest, timberland	40,150	580	33,048
Trinity	Unknown	607	23	379
Trinity	N-outdr transplants	5	1	14
Trinity	Cannabis (all or unspecified)	23	2	<0.01
Tulare	Almond	2,525,738	28,805	1,519,605
Tulare	Orange	6,759,246	80,569	1,506,059
Tulare	Pistachio	735,054	16,748	981,138
Tulare	Grape	2,542,315	28,033	1,147,109
Tulare	Corn (forage - fodder)	306,940	9,250	484,182

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Tuolumne	Forest, timberland	37,880	975	18,620
Tuolumne	Rangeland	72	18	2,169
Tuolumne	Apple	542	18	182
Tuolumne	Golf course turf	142	<0.01	170
Tuolumne	Grape, wine	126	38	105
Ventura	Strawberry	2,814,271	17,877	731,120
Ventura	Celery	160,862	16,157	269,768
Ventura	Lemon	1,631,935	14,164	225,479
Ventura	Cabbage	70,867	14,622	132,192
Ventura	Pepper, fruiting	204,277	3,086	71,213
Yolo	Almond	353,102	7,732	506,440
Yolo	Grape, wine	1,907,746	11,981	422,178
Yolo	Uncultivated ag	169,907	2,494	169,321
Yolo	Rice	273,371	1,755	175,413
Yolo	Walnut	157,778	4,148	150,117
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	Peach	106,355	1,790	34,820
Yuba	Almond	21,400	562	25,161