

# The Top Five Commodities by Acres Treated in each County in 2021

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	43,604	5,741	41,420
Alameda	Almond	3,557	61	9,111
Alameda	Bean, unspecified	838	14	2,100
Alameda	Pistachio	479	21	1,632
Alameda	Industrial site	381	<0.01	1,004
Alpine	Alfalfa	321	4	280
Alpine	Rangeland	84	6	63
Alpine	Uncultivated non-ag	16	<0.01	12
Amador	Grape, wine	83,676	3,553	41,465
Amador	Forest, timberland	12,100	172	4,910
Amador	Wheat (forage - fodder)	690	42	2,548
Amador	Alfalfa	2,102	53	2,697
Amador	Walnut	539	71	612
Butte	Walnut	834,033	20,373	832,833
Butte	Rice	1,060,258	7,057	573,925
Butte	Almond	306,512	10,162	419,856
Butte	Prune	75,259	1,322	45,359
Butte	Forest, timberland	87,799	906	43,994
Calaveras	Forest, timberland	22,995	524	7,199
Calaveras	Grape, wine	10,447	748	6,779
Calaveras	Rangeland	564	50	2,393
Calaveras	Walnut	2,705	83	2,445
Calaveras	Almond	490	25	489
Colusa	Almond	538,827	13,765	780,246

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Colusa	Rice	936,504	9,706	662,198
Colusa	Walnut	229,012	4,257	225,887
Colusa	Tomato, processing	219,957	3,099	191,028
Colusa	Uncultivated ag	74,464	1,128	74,179
Contra Costa	Corn, human consumption	19,406	2,980	82,304
Contra Costa	Tomato, processing	40,567	800	33,541
Contra Costa	Alfalfa	7,348	160	14,185
Contra Costa	Grape, wine	52,542	1,880	18,178
Contra Costa	Cherry	18,903	1,083	14,144
Del Norte	N-outdr flower	26,199	1,651	12,330
Del Norte	Forest, timberland	6,220	131	3,286
Del Norte	Soil fumigation/preplant	193,859	90	677
Del Norte	Pumpkin	15	133	389
Del Norte	N-grnhs plants in containers	221	381	160
El Dorado	Grape, wine	49,922	3,487	28,090
El Dorado	Forest, timberland	101,742	2,192	32,536
El Dorado	Apple	11,783	363	2,224
El Dorado	Rangeland	544	68	1,455
El Dorado	Pastureland	422	66	840
Fresno	Almond	8,414,970	88,092	4,977,619
Fresno	Pistachio	1,721,816	24,812	2,118,094
Fresno	Grape	3,548,300	49,096	1,429,297
Fresno	Tomato, processing	4,399,246	7,745	874,208
Fresno	Grape, wine	2,206,315	12,713	889,690
Glenn	Almond	619,540	14,050	803,526
Glenn	Rice	679,335	8,507	482,858
Glenn	Walnut	450,219	11,891	399,162
Glenn	Olive	83,583	1,733	44,953
Glenn	Alfalfa	16,809	784	36,127
Humboldt	Forest, timberland	24,960	1,140	23,219
Humboldt	N-outdr flower	439	114	5,877
Humboldt	N-grnhs flower	1,983	1,774	3,833
Humboldt	Cannabis (all or unspecified)	2,426	1,781	167
Humboldt	Uncultivated ag	50	10	52
Imperial	Alfalfa	1,039,450	22,951	1,512,033
Imperial	Corn, human consumption	129,507	5,013	292,378
Imperial	Sugarbeet	613,961	4,598	329,254
Imperial	Lettuce, leaf	144,521	14,720	294,985
Imperial	Onion, dry	194,416	3,815	234,301

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Inyo	Alfalfa	1,454	43	1,816
Inyo	N-grnhs flower	431	<0.01	491
Inyo	Forage hay/silage	31	2	60
Inyo	Pastureland	31	10	17
Kern	Almond	6,706,262	57,271	3,618,660
Kern	Pistachio	2,187,322	23,978	1,772,855
Kern	Grape	4,108,427	41,582	1,824,552
Kern	Orange	2,689,356	15,958	610,098
Kern	Tangerine	1,601,862	10,318	420,602
Kings	Cotton	679,466	9,493	1,628,250
Kings	Pistachio	662,833	12,763	747,848
Kings	Almond	1,050,891	14,488	688,528
Kings	Tomato, processing	1,762,136	2,873	399,836
Kings	Safflower	176,652	1,072	293,042
Lake	Grape, wine	332,635	4,871	143,929
Lake	Pear	196,498	1,987	36,829
Lake	Walnut	1,766	146	2,360
Lake	Rights of way	6,105	100	835
Lake	Cannabis (all or unspecified)	2,222	348	907
Lassen	Alfalfa	10,784	538	47,165
Lassen	Forest, timberland	40,326	430	25,709
Lassen	Strawberry	79,871	162	6,785
Lassen	Pastureland	1,203	49	3,395
Lassen	Forage hay/silage	1,777	55	3,318
Los Angeles	Carrot	425,940	309	25,437
Los Angeles	N-outdr plants in containers	13,362	7,063	10,461
Los Angeles	Potato	4,394	133	12,990
Los Angeles	Alfalfa	7,837	74	8,770
Los Angeles	Onion, dry	5,665	205	5,892
Madera	Almond	4,356,117	51,115	2,825,628
Madera	Pistachio	594,910	12,522	830,924
Madera	Grape, wine	1,826,442	9,511	575,242
Madera	Grape	1,340,373	8,938	382,908
Madera	Orange	159,966	1,927	65,912
Marin	Grape, wine	4,388	182	1,282
Marin	Pastureland	259	22	693
Marin	Water (industrial)	7,328	<0.01	177
Marin	Olive	1,202	46	154
Marin	Landscape maintenance	29,569	7	20
Mariposa	Olive	1,453	64	728
Mariposa	Rangeland	31	10	1,226

<b>County</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Acre Treated</b>
Mariposa	Water area	439	2	115
Mariposa	Apple	141	40	114
Mariposa	Uncultivated ag	11	18	45
Mendocino	Grape, wine	576,696	7,122	165,013
Mendocino	Pear	115,652	776	28,284
Mendocino	Forest, timberland	8,499	270	6,064
Mendocino	Alfalfa	10	2	120
Mendocino	Rights of way	2,909	11	50
Merced	Almond	2,804,491	48,613	2,462,394
Merced	Cotton	215,695	11,330	469,305
Merced	Corn (forage - fodder)	197,163	7,223	349,969
Merced	Alfalfa	159,146	6,771	354,531
Merced	Tomato, processing	1,282,805	4,712	291,412
Modoc	Alfalfa	31,896	1,696	109,674
Modoc	Potato	35,710	558	34,495
Modoc	Onion, dry	9,565	348	23,506
Modoc	Wheat	3,159	124	8,490
Modoc	Uncultivated ag	3,455	89	5,097
Mono	Alfalfa	5,071	118	7,265
Mono	Forage hay/silage	326	7	514
Mono	Garlic	9	3	15
Mono	Landscape maintenance	432	4	10
Mono	Pastureland	2	1	4
Monterey	Grape, wine	2,018,151	43,170	1,353,668
Monterey	Lettuce, leaf	883,790	162,360	1,478,294
Monterey	Lettuce, head	452,284	87,142	946,059
Monterey	Broccoli	380,640	52,030	547,390
Monterey	Strawberry	3,351,910	21,431	558,560
Napa	Grape, wine	1,031,812	49,772	638,122
Napa	Wheat	402	12	2,776
Napa	Olive	440	475	684
Napa	Water area	18,814	6	486
Napa	Uncultivated non-ag	136	6	350
Nevada	Grape, wine	19,241	299	5,430
Nevada	Forest, timberland	6,154	96	3,515
Nevada	N-grnhs flower	245	<0.01	319
Nevada	Turf/sod	136	<0.01	191
Nevada	Pastureland	8	4	116
Orange	N-outdr plants in containers	4,699	2,655	20,063
Orange	Golf course turf	12,521	<0.01	6,947
Orange	Strawberry	46,478	167	2,705

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Orange	Lemon	15,209	155	3,329
Orange	Avocado	8,491	206	1,719
Placer	Rice	79,742	981	46,703
Placer	Almond	36,076	343	30,737
Placer	Walnut	42,738	944	38,230
Placer	Wheat	3,687	48	10,744
Placer	Forest, timberland	18,526	183	7,810
Plumas	Forest, timberland	45,910	433	25,591
Plumas	Alfalfa	1,552	48	6,005
Plumas	Turf/sod	491	24	346
Plumas	Forage hay/silage	207	2	240
Plumas	Grain	207	2	240
Riverside	Alfalfa	366,020	18,095	712,829
Riverside	Cotton	69,848	3,954	158,418
Riverside	Grape	180,950	5,961	167,562
Riverside	Lemon	398,776	2,148	98,400
Riverside	Pepper, fruiting	536,118	2,533	68,368
Sacramento	Grape, wine	2,892,443	15,878	659,450
Sacramento	Pear	673,575	3,451	137,058
Sacramento	Rice	111,944	927	71,528
Sacramento	Alfalfa	29,231	1,765	58,145
Sacramento	Almond	37,604	1,183	45,080
San Benito	Lettuce, leaf	107,845	15,891	104,814
San Benito	Grape, wine	146,870	3,957	85,976
San Benito	Pepper, fruiting	122,792	1,504	33,877
San Benito	Broccoli	55,247	3,251	29,512
San Benito	Spinach	20,874	6,878	37,855
San Bernardino	N-outdr plants in containers	4,085	1,049	68,877
San Bernardino	Orange	15,376	1,547	10,490
San Bernardino	Wheat (forage - fodder)	1,458	79	3,993
San Bernardino	Alfalfa	7,279	81	6,985
San Bernardino	Corn (forage - fodder)	2,472	72	2,728
San Diego	Tomato	181,919	1,623	66,276
San Diego	N-outdr plants in containers	60,108	29,823	47,599
San Diego	Avocado	102,634	3,258	40,938
San Diego	N-grnhs plants in containers	17,077	25,055	22,339
San Diego	Citrus	10,399	409	29,631
San Francisco	N-grnhs transplants	6,122	<0.01	3,582
San Francisco	N-grnhs flower	4,181	<0.01	1,910

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
San Francisco	Industrial site	48	<0.01	142
San Francisco	Turf/sod	650	<0.01	38
San Francisco	Cannabis (all or unspecified)	511	1,756	35
San Joaquin	Almond	1,914,908	37,782	1,581,993
San Joaquin	Grape, wine	5,725,963	42,274	1,331,545
San Joaquin	Walnut	871,152	25,755	863,448
San Joaquin	Alfalfa	149,481	8,740	382,860
San Joaquin	Cherry	569,332	21,124	353,075
San Luis Obispo	Grape, wine	849,634	18,411	633,398
San Luis Obispo	Strawberry	1,351,303	9,876	344,933
San Luis Obispo	Lettuce, head	39,173	7,244	65,725
San Luis Obispo	Brussels sprout	42,139	4,466	42,551
San Luis Obispo	Broccoli	21,303	4,461	43,003
San Mateo	Brussels sprout	43,093	625	7,448
San Mateo	Grape, wine	3,418	320	1,049
San Mateo	N-grnhs plants in containers	931	1,678	1,471
San Mateo	Rangeland	885	10	932
San Mateo	Industrial site	258	<0.01	793
Santa Barbara	Strawberry	3,435,786	24,569	785,445
Santa Barbara	Grape, wine	981,316	12,816	544,870
Santa Barbara	Broccoli	80,005	16,247	166,819
Santa Barbara	Lettuce, head	75,993	14,126	158,213
Santa Barbara	Cauliflower	52,288	11,828	113,270
Santa Clara	Pepper, fruiting	153,078	1,966	50,477
Santa Clara	Cherry	21,666	1,126	26,363
Santa Clara	Tomato	29,805	1,039	28,873
Santa Clara	Lettuce, leaf	19,413	3,531	32,787
Santa Clara	Corn, human consumption	3,562	1,174	15,453
Santa Cruz	Strawberry	705,129	4,698	108,819
Santa Cruz	Lettuce, head	29,663	3,731	37,961
Santa Cruz	Lettuce, leaf	24,537	3,675	31,739
Santa Cruz	Raspberry	244,046	2,049	29,365
Santa Cruz	Blackberry	84,506	3,258	28,755
Shasta	Forest, timberland	89,524	1,449	56,978
Shasta	Walnut	15,139	925	23,693
Shasta	Forage hay/silage	2,918	106	5,671
Shasta	Timothy	1,469	96	4,910
Shasta	N-outdr transplants	4,604	279	3,016
Sierra	Forest, timberland	1,396	26	806
Sierra	Alfalfa	334	10	648
Sierra	Forage hay/silage	45	2	80

County	Commodity or Site	Pounds Applied	Apps	Acre Treated
Sierra	Uncultivated non-ag	1	<0.01	3
Sierra	Industrial site	0	<0.01	2
Siskiyou	Alfalfa	41,741	1,791	106,873
Siskiyou	Potato	42,240	611	37,139
Siskiyou	Strawberry	55,414	1,447	49,211
Siskiyou	Forest, timberland	77,232	625	23,593
Siskiyou	Forage hay/silage	5,941	131	13,304
Solano	Almond	329,441	3,961	270,600
Solano	Alfalfa	65,568	2,722	129,591
Solano	Uncultivated ag	61,282	2,263	100,742
Solano	Tomato, processing	209,104	3,015	122,152
Solano	Walnut	74,996	2,804	94,932
Sonoma	Grape, wine	2,519,616	54,435	995,567
Sonoma	Oat	2,766	45	5,766
Sonoma	Rangeland	360	32	3,394
Sonoma	Apple	44,678	635	4,251
Sonoma	Water area	2,782	86	2,748
Stanislaus	Almond	4,427,366	71,206	3,320,244
Stanislaus	Walnut	589,591	14,426	453,521
Stanislaus	Corn (forage - fodder)	130,033	4,986	208,922
Stanislaus	Alfalfa	43,805	2,375	91,949
Stanislaus	Grape, wine	377,353	2,268	107,601
Sutter	Rice	948,302	6,306	532,562
Sutter	Walnut	502,356	12,072	366,966
Sutter	Almond	118,887	3,757	149,520
Sutter	Tomato, processing	182,450	1,490	102,647
Sutter	Peach	237,790	6,327	101,652
Tehama	Walnut	393,048	16,365	423,436
Tehama	Almond	256,125	6,462	306,292
Tehama	Prune	37,187	1,397	33,356
Tehama	Olive	50,814	1,060	35,692
Tehama	Uncultivated ag	99,189	1,013	8,854
Trinity	Forest, timberland	22,832	350	18,036
Trinity	N-outdr transplants	193	2	74
Tulare	Almond	2,082,929	27,092	1,411,182
Tulare	Orange	6,123,967	79,345	1,460,799
Tulare	Pistachio	809,890	18,708	1,060,204
Tulare	Grape	2,271,900	26,826	1,059,200
Tulare	Tangerine	1,609,988	23,928	499,220
Tuolumne	Forest, timberland	37,208	593	18,926
Tuolumne	Rangeland	95	33	7,120
Tuolumne	Apple	50	11	198

<b>County</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Acre Treated</b>
Tuolumne	Grape, wine	326	48	245
Tuolumne	Golf course turf	118	<0.01	170
Ventura	Strawberry	3,172,661	17,676	733,582
Ventura	Celery	130,656	14,421	233,491
Ventura	Lemon	1,482,580	12,445	215,721
Ventura	Cabbage	62,497	11,828	108,500
Ventura	Pepper, fruiting	204,931	3,200	59,379
Yolo	Almond	293,256	6,564	411,717
Yolo	Grape, wine	1,652,493	12,328	388,491
Yolo	Tomato, processing	523,878	3,787	232,465
Yolo	Uncultivated ag	180,815	2,068	141,127
Yolo	Alfalfa	54,183	2,049	136,171
Yuba	Rice	391,627	4,086	246,438
Yuba	Walnut	238,303	5,009	198,701
Yuba	Prune	108,088	1,144	43,018
Yuba	Almond	16,244	571	25,326
Yuba	Peach	78,863	2,416	29,159