



California Grape Acreage Report, 2021 Summary



California Department of Food and Agriculture

Cooperating with the USDA, National Agricultural Statistics Service, Pacific Regional Office

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RESULTS

California's 2021 grape acreage totaled 881,000 acres. Of the total grape acreage, 829,000 were bearing while 52,000 were non-bearing. The wine-type grape acreage is estimated at 615,000 acres. Of the total acres, 575,000 were bearing and 40,000 were non-bearing. Table-type grape acreage totaled 128,000 acres with 118,000 bearing and 10,000 non-bearing. Acreage of raisin-type grapes totaled 138,000 acres, of which 136,000 were bearing and 2,000 were non-bearing.

The leading wine-type varieties continued to be Chardonnay and Cabernet Sauvignon. Flame Seedless was the leading table-type grape variety. Thompson Seedless continued to be the leading raisin-type variety and was utilized for raisins, fresh market, concentrate, and wine.

ESTIMATED GRAPE ACREAGE ¹				
Type	2019	2020	2021	Percent Change
Raisin	153,000	145,000	138,000	-4.8
Bearing	149,000	142,000	136,000	-4.2
Non-Bearing	4,000	3,000	2,000	-33.3
Table	130,000	132,000	128,000	-3.0
Bearing	121,000	122,000	118,000	-3.3
Non-Bearing	9,000	10,000	10,000	(NC)
Wine	635,000	625,000	615,000	-1.6
Bearing	590,000	585,000	575,000	-1.7
Non-Bearing	45,000	40,000	40,000	(NC)
All Grapes	918,000	902,000	881,000	-2.3
Bearing	860,000	849,000	829,000	-2.4
Non-Bearing	58,000	53,000	52,000	-1.9

¹ Reported data with an allowance for incompleteness.
(NC) No Change

OBJECTIVES

The USDA's National Agricultural Statistics Service (NASS) Pacific Regional Office partners with California Department of Food and Agriculture, California Table Grape Commission, and Raisin Administrative Committee to conduct an annual acreage survey of California grape growers. The purpose of this survey is to provide annual grape acreage with information on new plantings and removals. It is a continuation of a long series of industry-funded grape acreage surveys.

This report consists of two parts:

- Estimated grape acreage -- bearing, non-bearing, and total.
- Detailed data by variety, and year planted -- as voluntarily reported by grape growers and maintained in our list of grape vineyards.

With perfect information, the estimated grape acreage and the detailed data would be the same. However, this will never be the case for the following reasons:

- A voluntary survey of approximately 8,800 grape growers is unlikely to attain 100 percent completeness.
- It is difficult to detect growers who are planting grapes for the first time.
- The detailed data reflects vine removals from 18,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2021 prior to being pulled out. As a result, harvested acreage removed in 2021 is included in the estimated acreage for 2021, but excluded from the detailed data.

PROCEDURES

The major source of the grape detailed data was a questionnaire mailed to all grape growers from our list of grape vineyards. The mailing was made in October 2021 to approximately 8,800 grape growers. The questionnaire contained previously reported crop, variety, and acreage information preprinted. Producers were asked to update the information with new plantings, removals, and any other corrections; new growers were mailed a blank questionnaire. This report includes responses from growers received through the middle of April 2022.

ACKNOWLEDGMENTS

We sincerely thank the many farm operators, owners, and management firms providing the information. Funding was provided by an assessment on wine grapes plus funding from the California Table Grape Commission and the Raisin Administrative Committee.

TABLE 1 - ALL GRAPES: ACREAGE STANDING BY TYPE, BY YEAR PLANTED, CALIFORNIA ¹

Type	2013 and Earlier	2014	2015	2016	2017	2018	2019	2020	2021	2021			2020 Total
										Bearing	Non-Bearing ²	Total	
Acres													
Raisin	126,522	1,512	641	1,065	1,552	1,529	562	269	120	132,820	951	133,770	138,693
Table	62,980	4,693	5,724	5,071	4,226	2,304	3,168	1,332	1,374	85,044	5,827	90,872	89,904
Wine	401,870	14,435	10,159	9,209	7,526	7,101	6,363	4,108	3,050	450,300	13,521	463,821	468,876
White	149,222	4,870	2,988	2,386	2,283	2,576	2,650	1,488	1,107	164,325	5,244	169,570	171,767
Red	252,647	9,565	7,171	6,823	5,243	4,525	3,713	2,620	1,944	285,975	8,277	294,252	297,109
Grapes													
Excluding Rootstock	591,371	20,640	16,524	15,345	13,304	10,934	10,093	5,708	4,544	668,164	20,299	688,463	697,472
Rootstock	495	117	22	15	24	8	37	182	47	0	0	947	919
All Grapes	591,866	20,756	16,547	15,359	13,328	10,942	10,130	5,890	4,591	668,164	20,299	689,410	698,391

¹ Totals may not add due to rounding.

² Non-bearing years are 2019, 2020 and 2021. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

TABLE 2 - RAISIN TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA ¹

Variety	2013 and Earlier	2014	2015	2016	2017	2018	2019	2020	2021	2021			2020 Total
										Bearing	Non-Bearing ²	Total	
Acres													
Black Corinth *	1,242	0	0	0	0	0	1	0	0	1,242	1	1,243	1,324
Dovine	433	0	0	0	0	1	0	0	0	433	0	433	460
Fiesta	12,624	1,137	277	853	851	506	158	0	0	16,248	158	16,405	16,199
Selma Pete	4,404	163	338	129	206	891	309	241	25	6,131	575	6,706	6,833
Thompson Seedless *	107,079	180	26	22	476	131	88	27	95	107,914	210	108,124	113,004
Other Raisin	639	31	0	61	19	0	7	1	0	750	8	758	771
Total Raisin	126,522	1,512	641	1,065	1,552	1,529	562	269	120	132,820	951	133,770	138,693

* Synonyms for variety names are shown on Page 6 of this Summary.

¹ Totals may not add due to rounding.

² Non-bearing years are 2019, 2020 and 2021. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

TABLE 3 - TABLE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA ¹

Variety	2013 and Earlier	2014	2015	2016	2017	2018	2019	2020	2021	2021			2020 Total
										Bearing	Non-Bearing ²	Total	
Acres													
Adora Seedless	0	36	347	675	33	0	0	0	0	1,091	0	1,091	821
Allison *	428	71	407	534	381	235	436	126	115	2,056	676	2,732	2,601
Arra Mystic Dream	0	0	0	0	36	36	0	18	0	72	18	90	90
Arra Mystic Star	0	0	0	0	19	19	37	0	0	38	37	75	75
Arra Passion Fire	0	0	0	0	448	37	0	0	0	485	0	485	485
Arra Passion Punch	0	0	0	0	144	0	0	0	0	144	0	144	144
Arra Sugar Drop	0	0	0	0	66	0	96	60	0	66	155	221	221
Arra Sweeties	152	0	0	20	17	17	0	37	0	207	37	243	243
Autumn Crisp	20	250	750	334	163	38	228	15	344	1,555	587	2,142	1,716
Autumn King *	4,972	624	313	322	345	31	17	109	20	6,605	146	6,751	6,798
Autumn Royal	2,825	269	59	112	23	20	111	21	0	3,307	131	3,439	3,528
Beauty Seedless *	83	0	0	0	0	0	0	0	0	83	0	83	83
Black Ivory	9	0	22	0	5	20	0	0	0	55	0	55	55
Blanc Seedless *	782	188	214	138	0	0	0	0	60	1,322	60	1,382	1,211
Calmeria	374	0	0	0	0	0	0	0	0	374	0	374	374
Candy Hearts	0	0	0	10	11	17	80	32	17	38	128	166	149
Candy Snaps	0	40	0	0	36	0	18	22	0	76	40	116	111
Castlerock Red	182	0	0	0	0	0	0	0	0	182	0	182	182
Christmas Rose	59	0	0	0	0	0	0	0	0	59	0	59	59
Cotton Candy	336	0	34	0	281	12	202	0	0	663	202	865	865
Crimson Seedless *	5,486	35	140	75	0	0	0	0	0	5,737	0	5,737	6,039
Early Muscat	79	0	0	0	0	0	0	0	0	79	0	79	79
Emerald Seedless *	216	32	0	39	0	0	17	0	0	286	17	303	331
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	448	0	0	0	0	0	0	0	0	448	0	448	448
Esteem	160	0	0	0	0	0	0	0	0	160	0	160	160
Fantasy Seedless *	472	0	0	0	0	0	0	0	0	472	0	472	495
Flame Seedless *	11,888	182	230	321	14	88	152	47	21	12,744	199	12,942	13,150
Flame Tokay	145	0	0	0	0	0	0	0	0	145	0	145	152
Flaming Red	39	0	0	20	0	0	0	3	0	59	3	63	59
Funny Fingers	0	0	0	0	74	0	0	0	0	74	0	74	74
Golden Globe	158	0	0	0	0	0	0	0	0	158	0	158	158
Great Green *	111	220	190	6	192	145	108	199	20	864	327	1,190	1,098
Holiday	255	0	0	0	0	0	0	0	0	255	0	255	255
Honey Pop	0	0	0	0	0	0	4	0	73	0	77	77	4
Ivory *	278	289	364	321	455	413	434	295	156	2,119	885	3,004	2,654
Jacks Salute	180	19	64	0	0	93	0	143	0	356	143	499	504
Kelly *	15	0	0	0	36	0	0	0	0	51	0	51	51
Krissy *	207	60	117	329	274	364	54	40	0	1,350	94	1,444	1,464
Kyoho	16	9	12	0	32	4	25	8	18	74	51	124	115
Luisco	427	13	0	0	0	55	0	0	0	495	0	495	495
Magenta	78	19	22	70	52	30	0	0	0	270	0	270	270
Midnight Beauty *	431	10	0	408	46	0	0	0	0	895	0	895	739
Muscat Flame	98	0	0	0	0	0	0	0	0	98	0	98	79
Niabell	97	0	0	0	0	0	0	0	0	97	0	97	97
Nicolo	80	0	20	0	0	0	0	0	0	100	0	100	100
Perlette	890	9	0	0	0	0	0	0	0	898	0	898	898
Princess *	1,497	0	61	0	0	0	0	1	0	1,557	1	1,558	1,595
Raspberry Lemonade	0	0	79	0	0	0	0	0	0	79	0	79	79
Red Globe *	4,868	412	0	0	20	39	0	20	36	5,338	56	5,393	5,605
Ribier	87	8	0	0	0	0	0	0	0	95	0	95	95
Royal Black Seedless	57	0	0	0	0	0	27	0	0	57	27	84	84
Ruby Seedless *	985	85	18	0	0	0	0	0	0	1,088	0	1,088	1,108
Sable Seedless	67	0	75	31	33	0	0	0	0	206	0	206	206
Scarlet	532	0	16	1	0	0	0	0	0	548	0	548	564
Scarlet Royal	5,185	1,002	478	134	277	104	69	0	0	7,181	69	7,250	7,544
Scarlotta Seedless	673	0	38	609	213	37	0	0	0	1,570	0	1,570	1,356
Sugra-49	0	0	0	0	24	2	65	0	0	27	65	91	91
Sugra-51	0	0	0	7	41	0	90	0	0	48	90	138	138
Sugra-52	0	0	0	0	10	0	223	0	27	10	250	260	85
Sugra-53	0	0	0	0	0	0	125	0	141	0	265	265	125
Sugra-54	0	0	0	0	0	0	9	0	155	0	165	165	9
Sugraone *	3,714	30	278	52	0	0	0	25	0	4,099	0	4,099	4,192
Summer Royal	901	29	44	27	0	17	14	0	15	1,017	29	1,046	1,108
Sweet Celebration	979	37	0	0	0	0	82	0	0	1,017	82	1,099	1,099
Sweet Globe	0	0	180	80	40	202	286	96	143	502	524	1,026	874
Sweet Sapphire	70	183	195	0	0	0	0	0	0	449	0	449	449
Sweet Scarlet	531	68	109	15	102	0	0	0	0	824	0	824	828
Sweet Sunshine	98	0	0	0	0	0	0	0	0	98	0	98	98
Thomcord	55	16	20	18	0	0	10	0	0	110	10	120	107
Timco *	492	87	258	215	101	0	0	0	14	1,152	14	1,166	1,149
Timpson *	20	115	91	34	36	50	10	0	0	346	10	356	256
Tudor	51	0	0	0	0	0	0	0	0	51	0	51	51
Valley Pearl	20	0	36	0	17	15	0	0	0	88	0	88	98
Vintage Red	749	53	43	12	0	0	0	0	0	856	0	856	885
Other Table	8,798	195	402	105	130	166	141	17	0	9,796	159	9,955	10,168
Total Table	62,980	4,693	5,724	5,071	4,226	2,304	3,168	1,332	1,374	85,044	5,827	90,872	89,904

* Synonyms for variety names are shown on Page 6 of this Summary.

¹ Totals may not add due to rounding.

² Non-bearing years are 2019, 2020 and 2021. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

TABLE 4 - WHITE WINE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA ¹

Variety	2013 and Earlier	2014	2015	2016	2017	2018	2019	2020	2021	2021			2020 Total
										Bearing	Non-Bearing ²	Total	
Acres													
Albarino	259	18	37	67	72	13	79	72	41	466	191	657	562
Arneis	55	1	0	0	0	0	0	0	0	55	0	55	56
Burger *	1,075	0	0	0	0	0	0	0	0	1,075	0	1,075	1,093
Catarratto	85	0	0	0	0	0	0	0	0	85	0	85	85
Chardonnay *	80,252	2,282	985	1,226	941	1,596	1,519	907	520	87,282	2,946	90,228	90,685
Chenin Blanc	3,772	315	10	52	2	48	21	31	10	4,199	62	4,261	4,265
French Colombard	16,214	304	76	35	5	0	125	145	18	16,634	288	16,922	17,173
Gewurztraminer	1,105	7	3	0	0	50	13	0	0	1,165	13	1,177	1,589
Grenache Blanc	261	10	40	7	9	3	258	33	5	329	296	625	620
Gruener Veltliner	132	2	0	18	2	1	1	0	1	155	2	157	154
Malvasia Bianca	972	0	0	2	0	1	0	0	0	974	0	974	994
Marsanne	106	6	1	1	1	0	0	1	0	115	2	116	126
Moscato Gaillo *	151	0	0	0	0	1	0	0	0	151	0	151	151
Muscat Blanc *	2,503	50	5	3	0	2	82	22	1	2,562	104	2,666	2,810
Muscat of Alexandria	4,144	2	0	0	0	0	0	0	0	4,146	0	4,146	4,146
Muscat Orange	294	3	0	11	0	0	0	0	10	308	10	318	316
Palomino *	145	0	0	0	0	0	0	0	0	145	0	145	145
Picpoul Blanc	32	1	4	5	6	4	0	2	7	51	9	61	57
Pinot Blanc	249	0	0	6	0	0	4	0	0	254	4	258	326
Pinot Gris *	11,176	1,554	1,337	612	757	292	31	2	249	15,729	282	16,011	16,431
Roussanne	293	10	6	4	1	0	1	3	2	314	6	319	330
Sauvignon Blanc	13,556	165	381	282	421	518	398	218	108	15,322	725	16,046	15,866
Sauvignon Musque	321	2	4	3	3	3	3	11	1	337	14	351	343
Sauvignon Vert *	52	0	0	0	0	0	0	0	4	52	4	55	52
Semillon	529	3	1	5	8	8	4	1	1	555	6	560	559
St. Emilion *	99	0	1	0	3	0	0	1	0	103	1	104	103
Symphony	1,386	0	0	8	0	0	0	0	0	1,393	0	1,393	1,472
Tocai Friulano	50	0	1	0	0	0	0	0	0	51	0	51	51
Triplett Blanc	675	0	0	0	0	0	0	0	0	675	0	675	675
Verdelho	110	35	0	4	0	0	0	0	0	149	0	149	149
Vermentino *	57	22	6	4	1	9	8	14	9	99	30	129	123
Viognier	2,442	42	3	13	4	15	6	9	90	2,518	104	2,622	2,555
White Riesling *	2,854	22	65	6	2	2	2	2	9	2,950	13	2,963	3,659
Other White Wine	3,819	18	22	13	45	12	96	17	23	3,929	135	4,064	4,046
Total White Wine	149,222	4,870	2,988	2,386	2,283	2,576	2,650	1,488	1,107	164,325	5,244	169,570	171,767

* Synonyms for variety names are shown on Page 6 of this Summary.

¹ Totals may not add due to rounding.

² Non-bearing years are 2019, 2020 and 2021.

TABLE 5 - RED WINE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA ¹

Variety	2013 and Earlier	2014	2015	2016	2017	2018	2019	2020	2021	2021			2020 Total
										Bearing	Non-Bearing ²	Total	
Acres													
Aglianico	54	2	8	2	7	2	1	2	0	74	2	76	87
Alicante Bouschet *	849	14	4	0	10	0	0	1	1	878	2	880	883
Barbera	3,999	74	16	65	6	17	434	5	17	4,177	456	4,633	4,657
Cabernet Franc	2,900	67	79	78	63	63	67	41	44	3,250	152	3,402	3,350
Cabernet Sauvignon	76,557	3,578	3,625	3,593	2,212	2,373	1,586	927	1,060	91,939	3,573	95,512	94,670
Carignane	2,149	6	1	1	2	12	1	7	0	2,171	8	2,179	2,206
Carmenere	61	1	3	1	6	0	0	4	0	71	4	75	74
Carnelian	164	0	0	0	0	0	0	0	0	164	0	164	164
Centurian	92	0	0	0	0	0	0	0	0	92	0	92	92
Charbono	75	0	2	0	0	0	1	3	0	77	4	80	79
Cinsaut *	73	1	3	4	2	3	15	20	0	86	35	121	110
Counoise	46	0	3	1	2	6	1	3	1	58	5	63	63
Dolcetto	71	0	0	0	0	0	0	1	1	71	2	73	81
Dornfelder	64	0	2	0	0	0	1	0	0	67	1	68	68
Graciano	46	3	6	4	1	2	0	1	2	61	3	65	62
Grenache *	3,747	102	71	65	126	114	78	94	32	4,224	204	4,428	4,399
Lagrein	62	0	2	0	0	0	0	0	0	64	0	64	58
Malbec	3,314	250	73	59	64	17	53	50	20	3,777	123	3,900	3,909
Merlot	33,093	515	80	109	243	186	97	124	225	34,224	447	34,671	35,962
Meunier *	135	0	3	0	1	0	3	0	5	139	8	147	167
Mission	326	0	1	0	0	50	2	0	0	377	2	379	381
Montepulciano	63	13	3	0	4	0	0	5	0	85	5	90	95
Mourvedre *	968	29	19	24	72	24	39	15	19	1,135	72	1,207	1,194
Muscat Hamburg *	204	0	0	0	0	0	5	0	0	205	5	210	304
Nebbiolo	131	2	4	2	1	1	2	0	0	141	2	143	142
Petit Verdot	2,569	197	268	203	69	39	56	60	41	3,345	157	3,502	3,467
Petite Sirah	8,688	876	681	566	369	205	92	91	97	11,386	279	11,665	11,964
Pinot Noir*	38,992	2,213	1,314	1,153	1,334	1,130	591	426	92	46,136	1,109	47,245	47,885
Primitivo	1,007	243	15	28	42	14	13	4	2	1,348	19	1,367	1,345
Royalty	230	0	0	0	0	0	0	0	0	230	0	230	230
Rubired *	8,982	281	313	80	12	0	20	95	18	9,668	133	9,800	10,029
Ruby Cabernet	3,453	82	77	0	0	0	0	0	0	3,612	0	3,612	3,723
Sangiovese *	1,319	13	42	8	4	6	11	8	5	1,392	23	1,415	1,451
Souzao	88	1	0	0	0	6	1	0	0	95	1	96	96
Syrah *	13,930	214	42	115	138	69	56	88	99	14,508	243	14,751	14,912
Tannat	479	37	4	58	1	10	2	6	2	589	9	598	636
Tempranillo *	798	37	33	25	15	10	2	3	6	918	11	929	914
Teroldego	263	211	81	274	19	21	2	12	7	869	21	890	1,058
Touriga Nacional *	240	43	0	0	0	1	2	3	6	285	11	295	299
Valdiguié *	212	0	0	0	0	1	4	1	0	214	5	219	232
Zinfandel	36,612	433	208	277	291	104	435	500	105	37,926	1,040	38,966	39,578
Other Red Wine	5,539	28	87	27	129	40	42	23	39	5,849	103	5,953	6,033
Total Red Wine	252,647	9,565	7,171	6,823	5,243	4,525	3,713	2,620	1,944	285,975	8,277	294,252	297,109

* Synonyms for variety names are shown on Page 6 of this Summary.

¹ Totals may not add due to rounding.

² Non-bearing years are 2019, 2020 and 2021.

Grape Variety Synonyms

Albarino * -Alvarinho	Kelly * -Sheegene 18	Ribolla Gialla * -Rebolla
Alicante Bouschet * -Alicante	Krissy * -Sheegene 12	Rubired * -Tintoria
Beauty Seedless * -Black Beauty	Malaga * -White Malaga	Ruby Seedless * -King Ruby
Black Corinth * -Zante Currant	Marechal Foch * -Foch	Sangiovese * -Sangiovetto
Blanc Seedless * -Pristine	Meunier * -Pinot Meunier	Sauvignon Vert * -Muscadelle
Blaufraenkisch * -Lemberger	Midnight Beauty * -Sugra-13	Schiava Grossa * -Rose Of Peru, Black Prince
Burger * -Monbadon	Moscato Gaillo * -Muscat Yellow	Sophia Seedless * -Sugra-18
Chardonnay * -Pinot Chardonnay, Chardonnay Musque	Mourvedre * -Mataro	St. Emilion * -Ugni Blanc, Trebbiano
Cinsaut * -Black Malvoisie, Black Malvasia	Muscat Blanc * -Muscat Canelli, Muscat Blanc A Petits Grains	Sugraone * -Superior Seedless Brand
Coachella Seedless * -Sugra-12	Muscat Hamburg * -Black Muscat	Syrah * -French Syrah, Shiraz, Syrah Noir
Crimson Seedless * -Red Crimson	Negrette * -Pinot St. George	Tempranillo * -Tinta Roriz, Valdepenas
Emerald Seedless * -Black Seedless	Nero D'Avola * -Calabrese	Thompson Seedless * -Sultana
Fantasy Seedless * -Black Fantasy	Niagara * -White Concord	Timco * -Sheegene 13
Flame Seedless * -Red Flame	Olivette Blanche * -Lady Finger	Timpson * -Sheegene 2
Gray Riesling * -Trousseau Gris	Palomino * -Golden Chasselas	Touriga Nacional * -Touriga
Great Green * -Green Envy, Big Green	Pinot Gris * -Pinot Grigio	Trousseau * -Bastardo
Grenache * -Grenache Noir	Pinot Noir* -Pinot Pom 4, Pinot Dijon	Valdiguie * -Gamay, Gamay (Napa)
Grenache Blanc * -Garnacha Blanca	Portugieser Blauer * -Blue Portugues	Vermentino * -Vennentino
Grenache Gris -Garnacha Gris	Princess * -Melissa	White Riesling * -Johannisberg Riesling, Riesling
Italia * -Muscat Italia	Red Globe * -Rose Ito	
Ivory * -Sheegene 21, Ivory Seedless, Sugar Crunch, Summer Crunch	Red Superior Seedless * -Sugra-14	
	Refosco * -Mondeuse	

* indicates the published name includes more than one variety name

The detailed *CALIFORNIA GRAPE ACREAGE REPORT, 2021 CROP* entire bulletin,
as well as individual tables, will be available free-of-charge at www.nass.usda.gov/ca