

2000 California Grape Acreage Report



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CALIFORNIA AGRICULTURAL
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RESULTS

California's 2000 grape acreage is estimated by the California Agricultural Statistics Service (CASS) at a record 955,000 acres. Of the total acres, 827,000 were bearing and 128,000 were non-bearing. The breakdown by type is as follows: Raisin type totaled 287,000 acres with 280,000 bearing and 7,000 non-bearing; Table type totaled 100,000 acres with 89,000 bearing and 11,000 non-bearing; Wine type totaled 568,000 acres with 458,000 bearing and 110,000 non-bearing.

The Thompson Seedless variety -- used for raisins, fresh market, concentrate, and wine -- continues to be, by far, the leading grape planted in California. Flame Seedless is the leading table type grape. Leading wine varieties are Chardonnay and Cabernet Sauvignon.

ESTIMATED GRAPE ACREAGE 1/

Type	1999	2000	Percent Change
Raisin	286,000	287,000	+0.3
Bearing	279,000	280,000	+0.4
Non-Bearing	7,000	7,000	NC
Table	100,000	100,000	NC
Bearing	87,000	89,000	+2.3
Non-Bearing	13,000	11,000	-15.4
Wine	554,000	568,000	+2.5
Bearing	424,000	458,000	+8.0
Non-Bearing	130,000	110,000	-15.4
All Grapes	940,000	955,000	+1.6
Bearing	790,000	827,000	+4.7
Non-Bearing	150,000	128,000	-14.7

1/ Reported data with an allowance for incompleteness.

OBJECTIVES

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.

Users are cautioned that this report consists of two parts:

- ▶ Estimated grape acreage -- bearing, non-bearing, and total.
- ▶ Detailed data by variety, year planted, and county -- as voluntarily reported by grape growers and maintained in the CASS' data base.

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

- ▶ A voluntary census of approximately 10,000 grape growers is unlikely to ever attain 100 percent completeness.
- ▶ It is extremely difficult for a small staff in Sacramento to detect growers that are planting grapes for the first time.
- ▶ The detailed data reflects vine removals from more than 25,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2000 prior to being pulled out, and that acreage has already been removed from the detailed data.

PROCEDURES

To arrive at the estimated grape acreage, a sample was selected from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation. This sample was compared to the grape acreage data base as maintained by CASS. When significant discrepancies were detected, the grower was contacted to obtain additional data and the information was included in the detailed data.

The major source of the grape detailed data was a questionnaire mailed to all grape growers included on the CASS' data base. The mailing was made in late December 2000 to approximately 10,000 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. Growers were given six weeks to respond by mail. A telephone follow-up was then undertaken. Field personnel personally visited large growers who did not respond by mail or telephone.

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.

Appreciation is due the following office staff for the hundreds of hours spent phoning and processing survey information: Regina Claypoole, April Camara, Pearl Gonzalez, Janell McAllister, Lupe Moreno, Sarah Otter, Jeremiah Rhine, and Sheryl Zazzi.

JIM TIPPETT
State Statistician

DWAINE NELSON
Deputy State Statistician

GARY NELSON
Agricultural Statistician

Comments or questions should be directed to:

California Agricultural Statistics Service
P.O. Box 1258, Sacramento, CA 95812-1258
Phone: (916) 498-5161 -- FAX: (916) 498-5186

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

Variety	1992 and Earlier	1993	1994	1995	1996	1997	1998	1999	2000	2000			1999 Total
										Bearing	Non-Bearing ^{1/}	Total	
Acres													
Raisin	256,889	4,264	4,063	2,361	2,249	2,832	1,966	1,935	1,938	272,659	5,840	278,498	279,119
Table	59,941	2,644	4,764	5,325	6,183	4,536	4,715	1,860	2,010	83,778	8,201	91,978	94,398
Wine	254,421	17,743	23,302	25,019	35,885	46,916	33,949	23,959	19,485	403,287	77,392	480,679	470,159
White	131,618	5,825	6,358	8,434	13,883	16,106	10,624	4,998	4,614	182,223	20,236	202,459	205,103
Red	122,804	11,918	16,944	16,586	22,002	30,810	23,325	18,961	14,871	221,064	57,156	278,220	265,055
Grapes, Excluding Rootstock	571,252	24,652	32,129	32,706	44,317	54,284	40,630	27,754	23,433	759,723	91,432	851,155	843,675
Rootstock	87	69	18	29	17	83	350	407	388	0	0	1,450	1,554
All Grapes	571,339	24,721	32,147	32,735	44,334	54,367	40,979	28,162	23,821	759,723	91,432	852,605	845,229

^{1/} Non-bearing years are 1998, 1999, and 2000. 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

Variety	1992 and Earlier	1993	1994	1995	1996	1997	1998	1999	2000	2000			1999 Total
										Bearing	Non-Bearing ^{1/}	Total	
Acres													
Black Corinth ^{2/}	2,018	153	29	7	8	6	0	0	0	2,221	0	2,221	2,384
Dovine	0	0	0	0	18	49	0	97	112	66	209	276	84
Fiesta	2,142	841	553	381	348	975	221	662	1,127	5,241	2,009	7,250	5,890
Sultana	162	0	0	0	0	0	0	0	0	162	0	162	161
Thompson Seedless	252,506	3,271	3,482	1,973	1,868	1,775	1,745	1,177	699	264,874	3,621	268,494	270,493
Other Raisin	61	0	0	0	8	27	0	0	1	95	1	96	108
Total Raisin	256,889	4,264	4,063	2,361	2,249	2,832	1,966	1,935	1,938	272,659	5,840	278,498	279,119

^{1/} Non-bearing years are 1998, 1999, and 2000. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

^{2/} Zante Current.

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

Variety	1992 and Earlier	1993	1994	1995	1996	1997	1998	1999	2000	2000			1999 Total
										Bearing	Non-Bearing ^{1/}	Total	
Acres													
Autumn Royal	8	0	0	10	113	19	266	359	257	150	882	1,032	627
Autumn Seedless	52	0	0	0	0	9	39	0	7	60	46	106	125
Beauty Seedless ^{2/}	507	3	46	2	4	18	8	20	0	599	8	607	562
Black Emerald	0	0	0	0	9	9	63	0	0	54	27	81	72
Black Monukka	342	0	1	0	14	0	0	0	0	358	0	358	358
Calmeria	1,179	0	22	0	39	0	40	36	0	1,240	76	1,316	1,500
Cardinal	136	0	10	31	0	27	17	0	0	204	17	221	248
Christmas Rose	1,110	40	9	25	40	9	0	3	0	1,233	3	1,235	1,314
Early Muscat	144	0	0	0	3	0	0	0	0	147	0	147	147
Emerald Seedless	501	38	17	15	7	29	33	50	5	608	88	696	709
Emperatriz	180	0	0	0	0	0	0	0	0	180	0	180	244
Emperor	2,831	0	0	20	0	0	0	0	0	2,851	0	2,851	3,299
Exotic	395	11	0	0	0	0	27	0	0	406	27	433	480
Fantasy Seedless	657	39	49	0	15	39	51	0	0	821	29	851	956
Flame Seedless ^{3/}	23,683	555	853	709	371	747	510	151	87	27,120	546	27,666	29,298
Flame Tokay	2,669	0	0	0	0	10	0	0	28	2,679	28	2,706	2,959
Flaming Red	215	0	0	4	0	0	0	0	0	219	0	219	219
Holiday	0	0	0	0	0	0	0	0	91	0	91	91	0
Italia	163	29	0	30	0	0	0	0	0	222	0	222	224
Jade Seedless	0	150	0	0	0	0	0	0	0	150	0	150	150
Kyoho	52	0	0	0	7	0	0	5	1	60	6	65	63
Late Seedless	61	0	0	0	0	0	0	0	0	61	0	61	61
Majestic	134	0	158	0	0	0	0	0	0	292	0	292	292
Malaga ^{4/}	540	0	0	0	0	14	0	0	0	554	0	554	762
Marroo	149	50	32	23	22	0	0	0	0	276	0	276	292
Midnight Seedless	0	0	0	25	22	6	108	0	36	70	127	197	161
Niabell	233	5	0	0	2	0	7	0	0	240	7	247	247
Perlette	4,386	0	0	10	0	129	70	0	68	4,594	68	4,662	5,089
Prima Black Seedless	159	0	0	0	0	0	0	0	0	159	0	159	159
Princess	0	0	0	0	0	0	19	194	544	15	742	757	69
Queen	91	0	0	0	0	0	0	0	0	91	0	91	101
Red Crimson ^{5/}	1,493	562	974	1,224	2,205	1,170	2,299	781	802	7,629	3,882	11,511	10,161
Red Globe ^{6/}	6,331	806	1,834	2,218	2,967	1,449	419	124	10	15,605	553	16,157	16,263
Red Seedless	496	0	83	0	25	9	0	40	19	613	59	672	735
Ribier	947	0	24	0	56	0	0	0	15	1,027	15	1,042	1,155
Rouge	654	0	0	260	0	0	0	0	0	914	0	914	914
Ruby Imperial	129	0	0	0	0	0	0	0	0	129	0	129	129
Ruby Seedless ^{7/}	5,903	215	361	472	100	115	73	54	0	7,165	127	7,292	8,288
Sugraone ^{8/}	3,036	0	108	0	44	114	66	7	0	3,305	71	3,375	3,277
Other Table	376	141	185	247	117	615	601	37	39	1,680	677	2,358	2,691
TOTAL TABLE	59,941	2,644	4,764	5,325	6,183	4,536	4,715	1,860	2,010	83,778	8,201	91,978	94,398

^{1/} Non-bearing years are 1998, 1999, and 2000. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

^{2/} Black Beauty. ^{3/} Red Flame. ^{4/} White Malaga. ^{5/} Crimson Seedless. ^{6/} Rose It. ^{7/} King Ruby. ^{8/} Superior Seedless Brand.

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

Variety	1992 and Earlier	1993	1994	1995	1996	1997	1998	1999	2000	2000			1999 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Burger 2/	1,374	71	0	24	0	367	174	6	11	1,836	191	2,027	2,131
Chardonnay	48,881	4,366	4,958	7,376	11,810	11,881	7,238	3,563	3,418	89,272	14,219	103,491	102,568
Chenin Blanc	18,552	9	76	52	136	302	232	20	63	19,127	316	19,443	20,962
Emerald Riesling	424	0	0	0	0	0	0	0	0	424	0	424	624
French Colombard	41,732	4	2	65	251	5	4	20	52	42,058	76	42,135	44,585
Gewurztraminer	914	10	94	51	26	303	147	6	1	1,399	154	1,553	1,669
Gray Riesling 3/	57	0	0	0	0	0	4	0	0	57	4	61	92
Malvasia Bianca 4/	1,714	368	231	38	96	2	30	25	9	2,450	64	2,514	2,450
Marsanne	23	5	7	8	1	7	5	0	2	50	7	57	51
Muscat Blanc 5/	974	11	33	45	58	27	37	48	12	1,147	97	1,244	1,252
Muscat of Alexandria	4,078	461	173	6	13	13	67	171	220	4,744	458	5,202	5,176
Muscat Orange	61	0	7	24	8	13	34	6	10	113	49	162	172
Palomino 6/	692	0	0	0	50	0	0	0	0	742	0	742	790
Pinot Blanc	793	1	9	8	12	39	20	26	82	862	128	990	1,000
Pinot Gris 7/	69	12	59	207	294	298	268	257	149	939	675	1,614	1,216
Roussanne	5	18	11	13	4	47	38	43	16	97	97	194	152
Sauvignon Blanc	7,581	194	353	253	652	1,776	1,826	572	389	10,808	2,787	13,595	13,499
Sauvignon Musque	7	10	11	19	27	34	24	12	0	108	35	143	118
Semillon	772	99	57	28	113	268	51	32	14	1,337	97	1,433	1,538
St Emilion 8/	373	1	0	0	0	0	0	0	0	375	0	375	373
Symphony	228	33	110	0	74	121	15	0	0	566	15	582	592
Tocai Friulano	113	0	1	0	2	0	3	4	7	117	15	132	124
Viognier	161	115	149	186	181	514	241	143	88	1,306	471	1,777	1,488
White Riesling 9/	1,775	6	10	13	58	11	98	37	41	1,873	176	2,049	1,950
Other White Wine	266	31	8	18	17	78	69	7	29	417	105	522	532
TOTAL WHITE WINE	131,618	5,825	6,358	8,434	13,883	16,106	10,624	4,998	4,614	182,223	20,236	202,459	205,103

1/ Non-bearing years are 1998, 1999, and 2000. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

2/ Monbadon. 3/ Trousseau Gris. 4/ Vennentino. 5/ Muscat Canelli. 6/ Golden Chasselas. 7/ Pinot Grigio 8/ Ugni Blanc and Trebbiano. 9/ Johannisberg Riesling.

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

Variety	1992 and Earlier	1993	1994	1995	1996	1997	1998	1999	2000	2000			1999 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Alicante Bouschet	1,271	0	5	7	1	120	108	65	10	1,403	183	1,586	1,683
Barbera	7,543	1,277	1,502	39	140	66	295	62	29	10,566	386	10,952	12,035
Black Malvoisie	53	0	0	0	0	0	0	12	0	53	12	65	66
Cabernet Franc	1,421	95	99	51	215	503	560	175	372	2,382	1,106	3,489	3,281
Cabernet Sauvignon	26,884	1,314	1,915	2,444	5,865	9,862	8,084	7,280	6,017	48,285	21,381	69,666	62,734
Carignane	7,054	0	26	7	39	19	21	8	3	7,145	32	7,177	7,676
Carmine	26	0	0	0	0	75	1	0	0	101	1	102	99
Carmelian	965	0	0	0	483	112	120	0	0	1,560	120	1,680	1,735
Centurian	254	0	2	0	0	0	0	70	0	256	70	326	402
Charbono	49	0	0	0	2	1	1	15	15	51	31	82	62
Cinsault	11	0	3	0	9	0	28	13	2	23	44	66	59
Counoise	3	0	0	1	0	0	39	8	7	5	54	59	32
Dolcetto	29	5	6	9	38	71	14	0	0	157	14	171	167
Freisa	0	0	0	10	38	4	4	0	121	51	125	176	58
Gamay Beaujolais	676	0	0	0	0	0	28	0	13	676	41	717	897
Gamay 2/	658	0	56	15	0	12	19	5	0	740	24	764	851
Grenache	9,749	52	80	304	229	427	387	190	44	10,841	621	11,462	11,958
Grignolino	23	0	0	0	37	0	0	0	0	60	0	60	78
Lambrusco	103	0	0	0	0	0	0	0	0	103	0	103	103
Malbec	60	5	39	48	55	116	234	92	112	324	438	762	567
Mataro 3/	360	25	7	12	31	36	54	48	33	470	135	605	568
Merlot	10,560	3,672	6,919	7,308	7,641	5,970	3,437	2,638	1,841	42,070	7,915	49,986	47,638
Meunier	167	3	0	16	8	1	27	0	0	195	27	221	226
Mission	746	0	0	0	0	2	97	81	0	749	178	926	1,057
Muscat Hamburg	31	0	2	0	8	29	0	0	1	70	1	72	92
Nebbiolo	59	0	19	48	19	24	13	15	0	169	27	196	221
Petite Sirah	1,724	16	67	132	205	351	333	574	280	2,495	1,188	3,682	3,208
Petite Verdot	91	24	19	14	89	113	82	104	129	350	315	665	485
Pinot Noir	6,705	188	250	356	1,385	2,885	2,297	2,382	2,925	11,769	7,604	19,373	15,606
Pinotage	2	0	0	0	0	3	0	5	70	5	75	80	8
Primitivo	1	0	17	0	6	42	33	7	15	66	55	121	105
Royalty	732	0	0	0	0	0	0	0	0	732	0	732	835
Rubired	7,006	1,487	763	740	323	522	1,309	1,616	553	10,841	3,477	14,318	13,151
Ruby Cabernet	5,370	213	675	165	237	723	792	333	41	7,383	1,165	8,548	8,873
Salvador	724	0	0	0	0	0	0	0	0	724	0	724	791
Sangiovese 4/	490	150	245	235	406	1,274	316	116	63	2,799	494	3,293	3,387
Syrah Noir	0	0	0	0	0	0	2	18	107	1	126	127	0
Syrah 5/	867	138	230	969	1,164	3,184	2,666	2,233	1,248	6,553	6,147	12,699	10,299
Tempranillo 6/	368	19	9	41	42	135	20	36	42	614	99	713	708
Zinfandel	29,238	3,222	3,950	3,584	3,230	3,928	1,661	721	666	47,152	3,047	50,200	51,811
Other Red Wine	731	14	38	33	56	204	245	40	115	1,075	399	1,474	1,448
TOTAL RED WINE	122,804	11,918	16,944	16,586	22,002	30,810	23,325	18,961	14,871	221,064	57,156	278,220	265,055

1/ Non-bearing years are 1998, 1999, and 2000. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

2/ Napa Gamay and Valdiguie. 3/ Mourvedre. 4/ Sangiovese and Brunello. 5/ French Syrah and Shiraz 6/ Valdepenas.