

2001 California Grape Acreage Report



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CALIFORNIA AGRICULTURAL
STATISTICS SERVICE

RESULTS

California's 2001 grape acreage is estimated by the California Agricultural Statistics Service (CASS) at 951,000 acres. Of the total acres, 844,000 were bearing and 107,000 were non-bearing. The breakdown by type is as follows: Raisin type totaled 283,000 acres with 276,000 bearing and 7,000 non-bearing; Table type totaled 98,000 acres with 88,000 bearing and 10,000 non-bearing; Wine type totaled 570,000 acres with 480,000 bearing and 90,000 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	2000	2001	Percent Change
Raisin	287,000	283,000	-1.4
Bearing	280,000	276,000	-1.4
Non-Bearing	7,000	7,000	NC
Table	100,000	98,000	-2.0
Bearing	89,000	88,000	-1.1
Non-Bearing	11,000	10,000	-9.1
Wine	568,000	570,000	+0.4
Bearing	458,000	480,000	+4.8
Non-Bearing	110,000	90,000	-18.2
All Grapes	955,000	951,000	-0.4
Bearing	827,000	844,000	+2.1
Non-Bearing	128,000	107,000	-16.4

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 equivalent. 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 28,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2001 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 2001 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. The raisin industry did not fund the acreage survey this year so the raisin variety data are not included in this report.

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

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

Variety	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2001			2000 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Raisin	255,519	3,934	2,277	2,219	2,916	2,199	2,158	2,308	1,330	269,064	5,796	274,860	278,498
Table	56,703	4,571	5,280	5,916	4,755	4,812	2,326	2,780	2,233	82,232	7,145	89,376	91,978
Wine	255,803	23,348	24,863	36,460	46,596	37,625	28,396	22,569	13,919	424,695	64,884	489,579	480,679
White	127,946	6,365	8,555	13,946	16,639	11,794	7,309	5,238	3,526	185,244	16,073	201,317	202,459
Red	127,858	16,983	16,308	22,514	29,957	25,830	21,087	17,331	10,393	239,451	48,811	288,262	278,220
Grapes, Excluding Rootstock	568,026	31,853	32,419	44,594	54,267	44,636	32,880	27,658	17,481	775,990	77,824	853,815	851,155
Rootstock	101	3	29	4	55	210	130	93	286	0	0	909	1,450
All Grapes	568,127	31,856	32,448	44,598	54,321	44,846	33,010	27,750	17,767	775,990	77,824	854,723	852,605

1/ Non-bearing years are 1999, 2000, and 2001. 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	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2001			2000 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
RAISIN VARIETAL DATA ARE NOT AVAILABLE THIS YEAR DUE TO LACK OF FUNDING.													
Total Raisin	255,519	3,934	2,277	2,219	2,916	2,199	2,158	2,308	1,330	269,064	5,796	274,860	278,498

1/ Non-bearing years are 1999, 2000, and 2001. 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

Variety	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2001			2000 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Autumn Royal	46	0	10	103	19	226	345	372	676	404	1,394	1,797	1,032
Autumn Seedless	52	0	0	0	9	39	0	7	2	99	9	108	106
Beauty Seedless *	473	46	2	4	18	27	20	4	0	589	4	593	607
Black Emerald	28	0	0	9	9	63	0	19	4	108	23	131	81
Black Monukka	336	1	0	14	0	0	0	0	0	352	0	352	358
Calmeria	1,132	22	0	39	0	40	36	28	19	1,233	83	1,316	1,316
Cardinal	88	10	31	0	27	8	0	0	0	164	0	164	221
Christmas Rose	988	9	5	40	9	0	3	0	0	1,051	3	1,054	1,235
Early Muscat	144	0	0	3	0	0	0	0	0	147	0	147	147
Emerald Seedless *	488	17	15	7	29	26	50	5	0	582	55	637	696
Emperatriz	123	0	0	0	0	0	0	0	0	123	0	123	180
Emperor	2,558	0	20	0	0	0	0	0	0	2,578	0	2,578	2,851
Exotic	330	0	0	0	0	16	0	0	0	346	0	346	433
Fantasy Seedless	615	49	0	15	39	51	40	0	0	769	40	809	851
Flame Seedless *	22,955	854	697	365	740	515	151	95	36	26,140	267	26,407	27,666
Flame Tokay	1,927	0	0	0	10	0	0	28	20	1,937	48	1,985	2,706
Flaming Red	182	0	0	0	0	0	0	0	0	182	0	182	219
Holiday	0	0	0	0	0	60	60	118	231	60	409	469	91
Italia *	171	0	20	0	0	0	0	0	0	192	0	192	222
Jade Seedless	190	0	0	0	0	46	0	0	0	236	0	236	150
Kyoho	61	0	0	7	0	0	5	2	0	68	7	75	65
Late Seedless	61	0	0	0	0	0	0	0	0	61	0	61	61
Majestic	134	158	0	0	0	0	0	0	0	292	0	292	292
Malaga *	373	0	0	0	14	0	0	0	9	387	9	396	554
Marroo	179	32	15	22	0	0	0	0	0	248	0	248	276
Muscat Flame	5	0	0	0	0	0	34	0	15	5	49	54	35
Niabell	239	0	0	2	0	7	0	0	0	247	0	247	247
Perlette	4,051	0	10	0	129	70	0	68	0	4,327	0	4,327	4,662
Prima Black Seedless	159	0	0	0	0	0	0	0	0	159	0	159	159
Princess	0	0	0	0	0	19	207	798	220	72	1,171	1,244	757
Queen	91	0	0	0	0	0	0	0	0	91	0	91	91
Red Crimson *	1,832	931	1,365	2,037	1,377	2,293	1,032	963	636	9,835	2,630	12,466	11,511
Red Globe *	6,661	1,730	2,143	2,885	1,475	455	124	10	95	15,347	229	15,576	16,157
Red Seedless	503	83	0	25	12	0	40	0	19	623	59	682	672
Ribier	676	24	0	56	0	0	0	15	0	755	15	770	1,042
Rouge	221	0	260	0	0	0	0	0	0	481	0	481	914
Ruby Imperial	129	0	0	0	0	0	0	0	0	129	0	129	129
Ruby Seedless *	5,175	361	441	100	112	73	179	0	13	6,262	192	6,454	7,292
Sugraone *	2,819	61	0	44	114	66	1	52	44	3,103	97	3,201	3,375
Sugrathirteen	0	0	25	22	0	107	0	39	35	193	35	228	0
Summer Royal	0	0	0	0	0	4	0	19	27	4	46	51	9
Other Table	511	185	220	117	615	603	2	137	132	2,251	271	2,522	2,510
Total Table	56,703	4,571	5,280	5,916	4,755	4,812	2,326	2,780	2,233	82,232	7,145	89,376	91,978

* Synonyms for variety names are shown on Page 4.

1/ Non-bearing years are 1999, 2000, and 2001. 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

Variety	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2001			2000 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Burger *	1,209	0	24	0	447	174	15	11	0	1,853	27	1,880	2,027
Chardonnay *	49,273	4,989	7,511	11,615	12,033	7,895	4,265	3,825	1,699	93,316	9,789	103,105	103,491
Chenin Blanc	17,191	72	52	136	287	231	20	34	0	17,968	54	18,022	19,443
Emerald Riesling	274	0	0	0	0	0	0	0	0	274	0	274	424
French Colombard	39,147	2	65	251	5	4	20	52	0	39,474	72	39,546	42,135
Gewurztraminer	889	93	80	29	332	94	10	4	2	1,518	16	1,533	1,553
Malvasia Bianca *	1,987	231	38	93	6	30	25	9	0	2,384	34	2,418	2,514
Marsanne	24	6	8	0	7	5	1	2	5	50	8	58	57
Muscat Blanc *	887	35	9	57	26	67	49	50	16	1,080	115	1,195	1,244
Muscat of Alexandria	4,320	175	6	13	13	75	241	223	2	4,601	465	5,067	5,202
Muscat Orange	50	14	24	8	13	34	6	24	0	142	30	172	162
Palomino *	677	0	0	50	0	0	0	0	0	727	0	727	742
Pinot Blanc	655	9	6	13	41	22	29	81	26	746	136	882	990
Pinot Gris *	97	60	202	303	305	273	381	379	835	1,241	1,595	2,835	1,614
Roussanne	18	7	13	4	30	32	38	20	15	104	73	177	194
Sauvignon Blanc	7,434	332	253	689	1,703	1,848	611	399	666	12,257	1,675	13,933	13,595
Sauvignon Musque	16	11	19	35	30	35	9	0	0	145	9	154	143
Semillon	797	55	28	114	256	48	35	16	10	1,297	61	1,357	1,433
St. Emilion *	369	0	0	0	0	0	0	0	0	369	0	369	375
Symphony	261	110	0	74	121	15	0	0	30	582	30	612	582
Tocai Friulano	113	1	0	2	0	3	4	7	0	120	12	132	132
Viognier	264	148	188	195	536	243	150	84	121	1,574	355	1,929	1,777
White Riesling *	1,710	10	13	66	11	72	37	1	9	1,881	46	1,928	2,049
Other White Wine	286	5	17	199	437	596	1,363	20	90	1,541	1,473	3,013	584
Total White Wine	127,946	6,365	8,555	13,946	16,639	11,794	7,309	5,238	3,526	185,244	16,073	201,317	202,459

* Synonyms for variety names are shown on Page 4.

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

Variety	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2001			2000 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Alicante Bouschet *	1,207	0	7	1	120	108	62	26	3	1,443	91	1,534	1,586
Barbera	8,222	1,502	39	141	63	293	61	58	51	10,259	170	10,429	10,952
Cabernet Franc	1,465	89	47	188	508	596	230	222	147	2,893	598	3,491	3,510
Cabernet Sauvignon	26,826	1,957	2,642	5,742	9,939	8,797	7,767	6,728	3,565	55,901	18,061	73,962	69,645
Carignane	6,512	47	5	38	19	21	8	8	1	6,642	17	6,658	7,177
Carmine	26	0	0	0	75	1	0	0	0	102	0	102	102
Carnelian	960	0	0	483	112	160	0	0	0	1,715	0	1,715	1,680
Centurian	254	2	0	0	0	0	68	0	0	256	68	325	326
Charbono	46	0	0	2	2	1	15	16	0	50	31	81	82
Cinsaut *	64	3	0	2	0	28	26	2	13	97	41	137	131
Counoise	3	0	1	0	0	39	8	7	5	44	19	64	59
Dolcetto	33	5	13	4	58	14	0	0	3	127	3	130	171
Freisa	0	0	10	1	0	4	0	121	0	14	121	135	176
Gamay (Napa) *	540	56	15	0	32	24	5	0	0	668	5	673	764
Gamay Beaujolais	493	0	0	0	0	28	0	13	0	521	13	534	717
Grenache *	8,992	80	303	374	479	349	198	51	113	10,576	362	10,939	11,462
Lambrusco	103	0	0	0	0	0	0	0	0	103	0	103	103
Malbec	59	49	47	55	86	312	99	135	125	608	358	966	762
Mataro *	348	5	12	17	30	61	46	48	55	473	149	622	605
Merlot	13,840	6,912	7,274	7,845	5,536	3,795	2,702	1,959	1,447	45,202	6,108	51,310	49,985
Meunier *	163	0	16	8	1	21	0	0	0	209	0	209	221
Mission	589	0	0	0	0	97	81	0	0	686	81	767	926
Muscat Hamburg *	15	2	0	8	29	0	0	1	1	54	2	56	72
Nebbiolo	51	19	47	19	13	13	15	8	3	161	25	186	196
Petit Verdot	113	19	14	88	94	106	115	139	128	433	382	815	665
Petite Sirah	1,651	67	127	213	349	357	594	413	355	2,765	1,362	4,127	3,682
Pinot Noir	6,929	241	376	1,553	2,941	2,612	2,822	3,668	1,905	14,651	8,395	23,046	19,373
Pinotage	2	0	0	1	8	0	4	70	0	11	74	85	80
Primitivo	4	17	0	6	45	35	7	34	36	106	78	184	121
Royalty	683	0	0	0	0	0	0	1	0	683	1	684	732
Rubired *	7,757	751	233	323	476	1,359	1,729	629	113	10,898	2,470	13,368	14,318
Ruby Cabernet	4,994	661	164	237	763	924	336	110	40	7,742	486	8,227	8,548
Salvador	716	0	0	0	0	0	0	0	0	716	0	716	724
Sangiovese *	628	200	221	383	933	335	120	69	55	2,700	244	2,943	3,293
Syrah *	1,011	223	967	1,166	3,338	2,870	2,332	1,823	1,008	9,573	5,162	14,735	12,699
Tempranillo *	368	9	41	42	126	25	44	38	14	610	96	706	713
Touriga Francesca	10	0	0	24	25	0	0	0	2	59	2	61	35
Zinfandel	31,393	4,032	3,661	3,201	3,403	1,623	747	826	815	47,312	2,388	49,700	50,200
Other Red Wine	790	37	28	351	357	827	845	110	393	2,390	1,348	3,738	1,627
Total Red Wine	127,858	16,983	16,308	22,514	29,957	25,830	21,087	17,331	10,393	239,451	48,811	288,262	278,220

* Synonyms for variety names are shown on Page 4.

1/ Non-bearing years are 1999, 2000, and 2001. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

Synonyms for Grape Variety Names

(First synonym listed was used for this publication.)

Alicante Bouschet – Alicante
Beauty Seedless -- Black Beauty
Black Corinth -- Zante Current
Black Prince -- Rose of Peru
Burger -- Monbadon
Chardonnay – Pinot Chardonnay
Cinsault or Cinsaut – Black Malvasia
Emerald Seedless – Black Seedless
Flame Seedless -- Red Flame
Gamay (Napa) -- Valdiguie
Gray Riesling -- Trousseau Gris
Grenache – Grenache Noir
Italia – Muscat Italia
Malaga -- White Malaga

Malvasia Bianca -- Vennentino – Vermintino
Marechal Foch -- Foch
Mataro -- Mourvedre
Meunier – Pinot Meunier
Muscat Blanc -- Muscat Canelli
Muscat Hamburg – Black Muscat
Negrette – Pinot St. George
Nero D'avola – Calabrese
Olivette Blanche -- Lady Finger
Palomino -- Golden Chasselas
Pinot Gris -- Pinot Grigio
Portugieser Blauer – Blue Portugues
Red Crimson -- Crimson Seedless
Red Globe -- Rose Ito

Refosco -- Mondeuse
Ribolla Gialla – Rebolla
Rubired – Tintoria
Ruby Seedless -- King Ruby
Sangiovetto -- Sangiovese -- Brunello
Sauvignon Vert -- Muscadelle
St. Emilion -- Ugni Blanc -- Trebbiano
Sugraone -- Superior Seedless
Syrah -- Syrah Noir -- French Syrah -- Shiraz
Tempranillo -- Valdepenas – Tinta Roriz
Touriga Nacional – Touriga
Trousseau – Bastardo
White Riesling -- Johannisberg Riesling

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