

2004 California Grape Acreage Report



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CALIFORNIA AGRICULTURAL
STATISTICS SERVICE

RESULTS

California's 2004 wine-type grape acreage is estimated by the California Agricultural Statistics Service (CASS) at 513,000 acres. Of the total acres, 473,000 were bearing and 40,000 were non-bearing. Table-type grape acreage totaled 92,000 acres with 83,000 bearing and 9,000 non-bearing.

The leading wine-type varieties continued to be Chardonnay and Cabernet Sauvignon. Flame Seedless is the leading table-type grape.

ESTIMATED GRAPE ACREAGE ^{1/}

Type	2002	2003	2004	Percent Change
Raisin ^{2/}	279,000	260,000	248,000	-4.6
Bearing	273,000	255,000	244,000	-4.3
Non-Bearing	6,000	5,000	4,000	-20.0
Table	97,000	93,000	92,000	-1.1
Bearing	88,000	85,000	83,000	-2.4
Non-Bearing	9,000	8,000	9,000	12.5
Wine	556,000	529,000	513,000	-3.0
Bearing	486,000	479,000	473,000	-1.3
Non-Bearing	70,000	50,000	40,000	-20.0
All Grapes ^{2/}	932,000	882,000	853,000	-3.3
Bearing	847,000	819,000	800,000	-2.3
Non-Bearing	85,000	63,000	53,000	-15.9

^{1/} Reported data with an allowance for incompleteness.

^{2/} Raisin acreage for 2004 is Preliminary. Final data will be available June 1, 2005.

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 CASS' data base.

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 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 21,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2004 prior to being pulled out, and that acreage has already been removed from the detailed data.

PROCEDURES

The major source of the grape detailed data was a questionnaire mailed to all grape growers included on CASS' data base. The mailing was made in late September 2004 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.

To arrive at the estimated grape acreage, the CASS grape acreage data base was compared with data provided from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation.

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 funded the acreage survey this year. The raisin variety data will be released on June 1, 2005.

Appreciation is due the following office staff for the hundreds of hours spent phoning and processing survey information: Jeff Olson, Pam Benner, Pearl Gonzalez, Ann Jehn, Lupe Oropeza, Cordia Weems and Sheryl Zazzi.

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

Variety	1996 and Earlier	1997	1998	1999	2000	2001	2002	2003	2004	2004			2003 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin 3/	---	---	---	---	---	---	---	---	---	---	---	---	---
Table	58,591	4,028	5,041	2,772	4,063	2,892	2,314	2,505	1,998	77,577	6,626	84,203	85,219
Wine	279,142	44,664	37,549	31,790	27,529	19,621	11,696	8,094	6,849	440,296	26,639	466,935	472,445
White	120,448	16,365	11,242	9,498	6,822	5,522	4,139	3,743	3,884	169,898	11,765	181,663	185,374
Red	158,694	28,299	26,307	22,291	20,708	14,099	7,557	4,351	2,965	270,398	14,873	285,272	287,072
Grapes, Excluding Rootstock	566,158	51,540	44,604	37,012	35,151	23,948	15,091	11,358	9,709	758,603	35,968	794,570	811,098
Rootstock	81	9	60	19	22	42	49	70	4	0	0	355	311
All Grapes 3/	---	---	---	---	---	---	---	---	---	---	---	---	---

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2002, 2003, and 2004. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

3/ Raisin varietal data will be available June 1, 2005.

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

Variety	1996 and Earlier	1997	1998	1999	2000	2001	2002	2003	2004	2004			2003 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
Total Raisin 2/	---	---	---	---	---	---	---	---	---	---	---	---	---

1/ Non-bearing years are 2002, 2003, and 2004. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

2/ Raisin varietal data will be available June 1, 2005.

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

Variety	1996 and Earlier	1997	1998	1999	2000	2001	2002	2003	2004	2004			2003 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Autumn Royal	186	29	290	456	397	868	793	458	214	2,225	1,464	3,689	2,975
Autumn Seedless	42	9	46	5	7	0	0	0	0	108	0	108	113
Beauty Seedless *	273	34	7	20	57	0	0	0	0	390	0	390	425
Black Emerald	9	0	45	16	19	3	0	6	0	93	6	99	100
Black Monukka	252	0	0	0	0	0	0	0	0	253	0	253	298
Calmeria	1,030	10	274	36	0	58	0	26	0	1,408	26	1,434	1,574
Cardinal	94	9	8	0	0	0	0	0	0	111	0	111	144
Christmas Rose	717	9	0	3	0	0	0	57	7	728	64	792	858
Early Muscat	147	0	0	0	0	0	0	0	0	147	0	147	147
Emerald Seedless *	535	24	33	50	5	0	0	0	0	647	0	647	675
Emperatriz	134	0	0	0	0	0	0	0	0	134	0	134	80
Emperor	1,499	0	0	0	0	0	0	0	0	1,499	0	1,499	2,051
Exotic	223	0	16	0	0	0	0	0	0	239	0	239	292
Fantasy Seedless	524	20	51	40	82	0	38	12	4	717	54	771	759
Flame Seedless *	20,761	544	525	213	189	104	404	256	340	22,478	858	23,336	24,704
Flame Tokay	780	10	0	0	28	0	0	0	0	818	0	818	1,003
Flaming Red	183	0	0	0	0	0	0	0	0	183	0	183	182
Italia *	175	0	0	2	0	0	0	1	0	177	1	178	174
Jade Seedless	150	0	46	0	0	0	0	0	112	196	112	308	234
Kyoho	65	0	0	5	2	0	6	0	0	72	6	79	79
Late Seedless	61	0	0	0	0	0	0	0	0	61	0	61	61
Malaga *	320	14	0	0	0	0	0	0	0	334	0	334	359
Marroo	194	0	0	0	0	0	0	0	0	194	0	194	238
Muscat Flame	0	0	0	30	0	15	2	1	16	46	19	64	59
Niabell	117	0	7	0	0	0	4	0	0	124	4	128	128
Perlette	2,858	107	60	0	0	0	0	10	0	3,025	10	3,035	3,507
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	159
Princess *	109	0	19	217	840	308	89	160	245	1,542	445	1,987	1,329
Queen	91	0	0	0	0	0	6	0	0	91	6	97	97
Rally	0	0	0	0	9	0	17	32	4	9	52	61	26
Red Crimson *	6,135	1,410	2,175	1,321	1,277	844	615	443	258	13,162	1,316	14,478	14,050
Red Globe *	10,962	1,270	424	160	55	194	211	337	53	13,064	601	13,665	14,689
Ribier	431	0	0	0	0	0	0	0	48	431	48	479	534
Rouge	481	0	0	0	0	0	0	0	0	481	0	481	481
Royal Black Seedless	0	0	0	0	35	0	17	40	0	35	57	92	17
Ruby Imperial	129	0	0	0	0	0	0	0	0	129	0	129	129
Ruby Seedless *	4,510	103	51	83	21	26	8	27	55	4,794	89	4,883	5,341
Sugranineteen	0	0	0	0	0	18	0	72	1	18	72	90	86
Sugraone *	2,743	114	66	8	101	44	0	0	79	3,075	79	3,154	3,075
Sugrasixteen	0	0	0	0	0	18	0	0	49	18	49	67	18
Sugrathirteen	47	0	107	0	39	35	0	0	0	228	0	228	228
Summer Royal	0	0	4	0	19	27	23	18	88	51	129	180	72
Other Table	1,548	314	788	107	882	329	81	551	427	3,968	1,059	5,027	3,670
Total Table	58,591	4,028	5,041	2,772	4,063	2,892	2,314	2,505	1,998	77,577	6,626	84,203	85,219

* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2002, 2003, and 2004. 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	1996 and Earlier	1997	1998	1999	2000	2001	2002	2003	2004	2004			2003 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Burger *	735	473	174	24	11	0	0	79	0	1,417	79	1,496	1,500
Catarratto	113	14	23	34	0	40	37	27	27	224	91	315	70
Chardonnay *	61,439	11,523	7,402	5,966	4,794	2,308	1,051	1,021	963	93,431	3,035	96,466	97,682
Chenin Blanc	10,645	324	231	20	23	0	77	65	0	11,242	142	11,384	13,416
Emerald Riesling	267	0	0	0	0	0	0	0	0	267	0	267	267
French Colombard	28,413	5	13	100	122	0	84	43	1,006	28,654	1,133	29,787	31,865
Gewurztraminer	825	331	94	13	18	27	20	27	21	1,307	67	1,374	1,358
Grenache Blanc	31	0	32	2	16	0	4	1	0	81	5	87	64
Malvasia Bianca *	1,647	6	36	25	9	0	42	36	0	1,723	78	1,801	1,857
Marsanne	39	4	2	1	5	7	5	0	0	57	5	62	68
Muscat Blanc *	649	26	61	62	73	25	11	27	18	895	56	951	970
Muscat of Alexandria	2,770	12	91	264	221	1	0	0	20	3,358	20	3,379	3,775
Muscat Orange	91	13	42	2	16	0	5	7	22	163	34	197	163
Palomino *	550	0	0	0	0	0	0	0	0	550	0	550	623
Pinot Blanc	322	34	22	9	9	41	10	9	25	438	44	482	627
Pinot Gris *	820	375	284	615	521	1,460	1,086	1,485	451	4,076	3,021	7,097	5,908
Roussanne	23	21	14	30	39	24	11	3	0	151	14	166	176
Sauvignon Blanc	7,205	1,603	1,887	643	493	1,200	1,080	695	382	13,030	2,157	15,187	15,308
Sauvignon Musque	61	26	38	23	0	7	3	23	0	155	25	180	184
Semillon	611	250	70	45	17	48	93	10	2	1,040	105	1,145	1,255
St. Emilion *	198	0	0	0	0	0	0	0	0	198	0	198	275
Symphony	435	203	15	0	0	30	0	0	30	683	30	713	612
Tocai Friulano	113	0	0	0	7	0	2	0	0	121	2	123	128
Viognier	737	475	200	147	144	137	99	81	70	1,841	250	2,091	2,089
White Riesling *	1,330	23	63	101	28	40	96	89	215	1,585	399	1,984	1,844
Other White Wine	383	623	447	1,372	259	129	325	17	633	3,212	975	4,187	3,291
Total White Wine	120,448	16,365	11,242	9,498	6,822	5,522	4,139	3,743	3,884	169,898	11,765	181,663	185,374

* 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 1/

Variety	1996 and Earlier	1997	1998	1999	2000	2001	2002	2003	2004	2004			2003 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Alicante Bouschet *	675	115	95	62	23	3	0	5	134	973	139	1,113	1,074
Barbera	7,942	83	258	61	62	64	16	6	3	8,470	24	8,494	8,851
Cabernet Franc	1,594	379	501	232	272	240	110	113	32	3,218	254	3,472	3,547
Cabernet Sauvignon	33,180	9,606	8,812	7,879	7,744	4,315	2,224	853	250	71,536	3,327	74,863	75,148
Carignane	4,444	19	21	6	11	1	2	4	0	4,502	5	4,507	5,132
Carnelian	648	112	160	0	0	0	0	0	43	920	43	963	1,637
Centurian	87	0	0	68	0	0	0	0	0	155	0	155	305
Charbono	38	1	1	15	16	0	5	1	0	71	6	77	81
Cinsaut *	57	8	7	24	7	33	4	3	0	136	7	144	144
Dolcetto	47	18	14	0	2	6	0	4	0	87	4	91	89
Gamay (Napa) *	460	40	11	4	0	0	17	0	0	515	17	532	539
Gamay Beaujolais	102	0	12	16	9	0	0	0	0	139	0	139	403
Grenache *	6,379	540	305	129	100	124	44	15	127	7,576	186	7,762	8,668
Lagrein	30	12	0	0	13	0	0	0	1	55	1	56	86
Lambrusco	103	0	0	0	0	0	0	0	0	103	0	103	103
Malbec	219	85	299	111	153	104	39	65	29	970	132	1,102	1,065
Mataro *	508	11	50	34	74	82	34	26	11	758	71	829	644
Merlot	34,765	4,916	4,002	2,737	2,543	2,112	1,317	683	460	51,075	2,460	53,535	51,973
Meunier *	171	2	21	0	1	0	11	2	0	195	13	208	207
Mission	393	0	112	82	0	0	2	0	0	587	2	589	656
Nebbiolo	116	13	13	25	3	4	4	4	1	173	9	182	177
Petit Verdot	202	76	131	134	209	143	115	159	123	895	397	1,292	1,094
Petite Sirah	1,568	348	460	623	562	576	374	685	267	4,137	1,326	5,463	5,166
Pinot Noir	7,155	3,019	2,634	3,189	3,988	2,661	922	386	102	22,645	1,410	24,055	23,950
Primitivo	25	40	56	4	25	42	42	43	10	193	94	287	240
Royalty	326	0	0	0	1	0	0	0	0	327	0	327	480
Rubired *	6,257	415	1,546	1,968	634	272	0	37	0	11,092	37	11,129	12,467
Ruby Cabernet	4,461	717	897	425	140	40	24	0	3	6,679	27	6,706	7,472
Salvador	211	0	0	0	0	0	0	0	0	211	0	211	555
Sangiovese *	1,202	342	281	134	70	95	11	10	68	2,124	90	2,214	2,603
Souzao	16	5	1	25	1	2	0	1	5	50	6	56	51
Syrah *	3,326	3,403	2,877	2,518	2,566	1,645	758	358	186	16,335	1,303	17,638	17,151
Tannat	3	0	3	4	0	31	79	6	10	41	94	135	49
Tempranillo *	365	125	18	34	68	55	36	22	9	664	67	731	767
Teroldego	5	0	5	9	8	0	0	1	47	28	48	76	28
Touriga Nacional *	19	0	0	17	10	25	10	2	20	71	32	103	81
Zinfandel	40,429	3,555	1,691	903	1,156	1,008	1,020	657	368	48,743	2,045	50,788	50,194
Other Red Wine	1,168	295	1,013	817	240	416	338	202	658	3,949	1,198	5,147	4,195
Total Red Wine	158,694	28,299	26,307	22,291	20,708	14,099	7,557	4,351	2,965	270,398	14,873	285,272	287,072

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Grape Variety Synonyms

Alicante Bouschet – Alicante
Beauty Seedless – Black Beauty
Burger – Monbadon
Chardonnay – Pinot Chardonnay
Cinsault or Cinsaut – Black
Malvoisie, Black Malvasia
Emerald Seedless -- Black Seedless
Flame Seedless -- Red Flame
Gamay (Napa) – Gamay, Valdiguie
Grenache -- Grenache Noir
Italia – Muscat Italia

Malaga -- White Malaga
Malvasia Bianca – Vennentino, Vermintino
Mataro – Mourvedre
Meunier -- Pinot Meunier
Muscat Blanc – Muscat Canelli, Muscat Blanc
A Petits Grains
Palomino – Golden Chasselas
Pinot Gris – Pinot Grigio
Princess -- Melissa
Red Crimson – Crimson Seedless
Red Globe – Rose Ito

Rubired – Tintoria
Ruby Seedless – King Ruby
Sangiovese -- Sangioveseto, Brunello
St. Emilion – Ugni Blanc, Trebbiano
Sugraone – Superior Seedless
Syrah -- Syrah Noir, French Syrah, Shiraz
Tempranillo – Valdepenas, Tinta Roriz
Touriga Nacional – Touriga
White Riesling – Johannisberg Riesling,
Riesling

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