

2005 California Grape Acreage Report



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RESULTS

California's 2005 wine-type grape acreage is estimated at 522,000 acres. Of the total acres, 477,000 were bearing and 45,000 were non-bearing. Table-type grape acreage totaled 93,000 acres with 83,000 bearing and 10,000 non-bearing. Acreage of raisin-type grapes totaled 246,000 acres, of which 240,000 were bearing and 6,000 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.

- ▶ The detailed data reflects vine removals from more than 19,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2005 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 NASS' data base. The mailing was made in late September 2005 to approximately 9,000 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 NASS 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 and the Raisin Administrative Committee.

Appreciation is due the following office staff for the hundreds of hours spent collecting and processing survey information: Kelly Albelo, Carol Cole, Peggy Gibson, Pearl Gonzalez, Ann Jehn, Jeff Olson, Lupe Oropeza, Cordia Weems, and Sheryl Zazzi.

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ESTIMATED GRAPE ACREAGE 1/

Type	2003	2004	2005	Percent Change
Raisin	260,000	248,000	246,000	-0.8
Bearing	255,000	244,000	240,000	-1.6
Non-Bearing	5,000	4,000	6,000	50.0
Table	93,000	92,000	93,000	1.1
Bearing	85,000	83,000	83,000	NC
Non-Bearing	8,000	9,000	10,000	11.1
Wine	529,000	513,000	522,000	1.8
Bearing	479,000	473,000	477,000	0.9
Non-Bearing	50,000	40,000	45,000	12.5
All Grapes	882,000	853,000	861,000	0.9
Bearing	819,000	800,000	800,000	NC
Non-Bearing	63,000	53,000	61,000	15.1

1/ Reported data with an allowance for incompleteness.

OBJECTIVES

The California Field Office of the USDA's National Agricultural Statistics Service (NASS) conducts 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.

Users are cautioned that 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 NASS' 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 survey of approximately 9,000 grape growers is unlikely to ever attain 100 percent completeness.
- ▶ It is difficult for USDA, NASS to detect growers who are planting grapes for the first time.

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

Type	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2005			2004 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	222,244	1,793	2,406	3,428	1,630	1,616	1,970	1,196	1,879	233,267	4,894	238,161	241,789
Table	59,506	5,202	2,714	4,389	3,078	2,318	2,878	2,304	2,575	77,433	7,531	84,964	84,203
Wine	315,587	37,591	31,757	27,935	20,332	11,939	8,864	9,258	7,733	445,141	25,856	470,997	466,935
White	133,379	10,684	8,890	6,897	5,521	3,750	3,965	4,444	3,244	169,121	11,653	180,774	181,665
Red	182,208	26,908	22,867	21,038	14,811	8,188	4,899	4,814	4,490	276,020	14,203	290,223	285,270
Grapes, Excl. Rootstock	597,337	44,586	36,877	35,752	25,040	15,872	13,712	12,758	12,188	755,841	38,280	794,121	792,926
Rootstock	97	60	20	18	42	50	82	25	287	0	0	680	355
All Grapes	597,434	44,646	36,897	35,770	25,082	15,922	13,794	12,783	12,474	755,841	38,280	794,801	793,281

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2003, 2004, and 2005. 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	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2005			2004 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,820	0	0	19	0	12	23	22	13	1,851	57	1,908	2,021
Canner	319	0	0	0	0	0	0	0	0	319	0	319	12
Dovine	107	0	97	165	125	71	56	35	0	565	91	656	607
Fiesta	5,228	256	883	1,280	1,060	617	1,140	176	1,051	9,323	2,366	11,689	9,377
Selma Pete	0	0	0	1	0	13	282	210	341	14	832	846	324
Sultana	162	0	0	0	0	0	0	0	0	162	0	162	132
Thompson Seedless	214,532	1,537	1,426	1,927	442	808	347	340	431	220,823	966	221,789	228,467
Other Raisin	77	0	0	36	3	95	122	415	45	210	581	792	850
Total Raisin	222,244	1,793	2,406	3,428	1,630	1,616	1,970	1,196	1,879	233,267	4,894	238,161	241,789

* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2003, 2004, and 2005. 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	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2005			2004 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Autumn Royal	227	290	447	430	976	807	484	214	27	3,178	725	3,903	3,689
Autumn Seedless	36	46	5	7	0	0	0	11	0	94	11	105	108
Beauty Seedless *	246	7	20	57	0	0	0	0	0	329	0	329	390
Black Emerald	9	36	16	19	3	0	6	0	0	84	6	90	99
Black Monukka	239	0	0	0	0	0	0	0	0	240	0	240	253
Calmeria	809	274	36	0	9	0	19	0	0	1,128	19	1,147	1,434
Cardinal	91	8	0	0	0	0	0	0	0	99	0	99	111
Christmas Rose	535	0	3	0	0	0	56	7	0	538	63	600	792
Crimson Seedless *	7,404	2,231	1,308	1,683	1,001	658	564	310	498	14,286	1,372	15,658	14,478
Early Muscat	147	0	0	0	0	0	0	0	0	147	0	147	147
Early Sweet	63	0	0	0	0	0	0	12	0	63	12	75	50
Emerald Seedless *	508	33	50	0	0	12	6	0	0	602	6	608	647
Emperatriz	133	0	0	0	0	0	0	0	0	133	0	133	134
Emperor	1,108	0	0	0	0	0	0	0	0	1,108	0	1,108	1,499
Exotic	166	16	0	0	0	0	0	0	0	182	0	182	239
Fantasy Seedless	619	51	40	82	0	38	12	4	0	839	7	846	771
Flame Seedless *	20,524	576	158	176	104	373	297	362	695	22,083	1,182	23,265	23,336
Flame Tokay	599	0	0	28	0	2	0	0	0	629	0	629	818
Flaming Red	176	0	0	0	0	0	0	0	0	176	0	176	183
Italia *	161	0	2	0	0	0	1	0	0	163	1	164	178
Jade Seedless	151	66	0	0	0	0	0	40	0	217	40	257	308
Kyoho	64	0	5	2	0	6	0	0	0	78	0	78	79
Late Seedless	61	0	0	0	0	0	0	0	0	61	0	61	61
Malaga	153	0	0	0	0	0	0	0	0	153	0	153	334
Marroo Seedless	175	0	9	0	0	0	0	0	0	184	0	184	194
Muscat Flame	26	0	30	35	15	4	1	16	0	110	17	127	64
Niabell	115	7	0	0	0	4	0	0	83	126	83	209	128
Perlette	2,698	60	0	0	0	0	10	17	0	2,774	10	2,784	3,035
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	119	19	226	852	305	165	159	272	83	1,686	514	2,200	1,987
Queen	71	0	0	0	0	6	0	0	0	77	0	77	97
Red Globe *	11,798	396	161	85	194	115	403	179	133	12,749	715	13,464	13,665
Ribier	284	0	0	0	0	0	0	48	0	284	48	332	479
Rouge	481	0	0	0	0	0	0	0	0	481	0	481	481
Royal Black Seedless	0	0	0	35	0	17	40	19	0	52	59	111	92
Ruby Seedless *	4,075	51	83	91	5	8	34	55	0	4,312	89	4,401	4,883
Sugranineteen	0	0	0	28	0	0	72	89	123	28	284	311	90
Sugraone *	2,785	66	8	101	44	0	0	79	285	3,012	355	3,367	3,154
Sugrasixteen	0	0	0	18	0	0	0	49	0	18	49	67	67
Sugrathirteen	47	107	0	39	35	0	0	0	0	228	0	228	228
Summer Royal	19	4	0	19	27	3	18	115	122	82	245	327	180
Other Table	2,507	858	107	650	313	100	698	407	527	4,544	1,621	6,165	5,167
Total Table	59,506	5,202	2,714	4,389	3,078	2,318	2,878	2,304	2,575	77,433	7,531	84,964	84,203

* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2003, 2004, and 2005. 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	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2005			2004 Total
										Bearing	Non-Bearing ^{2/}	Total	
Acres													
Burger *	1,197	174	28	11	0	0	79	0	0	1,410	79	1,489	1,496
Catarratto	125	36	29	0	0	57	61	54	5	247	120	367	315
Chardonnay *	71,562	6,972	5,493	4,897	2,376	790	991	1,270	671	92,089	2,932	95,021	96,468
Chenin Blanc	10,328	231	20	39	0	0	65	0	12	10,618	77	10,695	11,384
Emerald Riesling	267	0	0	0	0	0	0	0	0	267	0	267	267
French Colombard	27,044	13	20	122	1	2	38	1,131	1,085	27,202	2,253	29,455	29,787
Gewurztraminer	1,157	94	18	18	31	20	27	21	5	1,337	53	1,390	1,374
Grenache Blanc	33	32	2	21	0	4	1	1	7	93	9	101	87
Malvasia Bianca *	1,558	36	25	9	0	42	36	0	5	1,670	40	1,710	1,801
Marsanne	44	2	1	5	9	5	0	0	3	66	3	69	62
Muscat Blanc *	763	72	51	73	26	11	50	43	262	995	355	1,350	951
Muscat of Alexandria	2,682	61	264	221	1	0	0	20	112	3,229	132	3,361	3,379
Muscat Orange	107	42	2	25	0	5	7	22	29	181	58	239	197
Palomino *	491	0	0	0	0	0	0	0	0	491	0	491	550
Pinot Blanc	403	22	9	9	41	7	14	25	5	490	43	533	482
Pinot Gris *	1,200	309	518	510	1,420	1,137	1,508	441	203	5,094	2,151	7,245	7,097
Roussanne	44	14	30	44	22	11	7	0	5	165	12	177	166
Sauvignon Blanc	8,767	1,847	684	519	1,213	1,052	802	396	183	14,082	1,380	15,462	15,187
Sauvignon Musque	86	38	23	0	7	1	10	0	1	155	11	165	180
Semillon	801	74	45	18	45	88	10	3	1	1,071	14	1,085	1,145
St. Emilion *	198	0	0	0	0	0	0	0	0	198	0	198	198
Symphony	638	15	0	0	30	0	0	25	202	683	228	911	713
Tocai Friulano	112	0	6	7	0	2	3	0	0	128	3	131	123
Triplett Blanc	0	0	0	0	0	0	0	40	35	0	75	75	0
Viognier	1,222	183	149	99	145	103	123	78	116	1,901	316	2,217	2,091
White Riesling *	1,470	68	101	33	67	88	104	235	163	1,828	501	2,329	1,984
Other White Wine	1,082	349	1,372	218	87	325	32	640	136	3,433	808	4,241	4,187
Total White Wine	133,379	10,684	8,890	6,897	5,521	3,750	3,965	4,444	3,244	169,121	11,653	180,774	181,665

* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2003, 2004, and 2005.

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

Variety	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2005			2004 Total
										Bearing	Non-Bearing ^{2/}	Total	
Acres													
Alicante Bouschet *	751	96	62	23	3	1	7	142	85	935	233	1,168	1,113
Barbera	7,454	295	61	60	66	17	9	23	14	7,953	46	7,999	8,494
Cabernet Franc	1,919	527	242	300	214	124	91	76	53	3,326	219	3,545	3,472
Cabernet Sauvignon	42,153	9,220	8,198	8,202	4,662	2,535	1,170	459	158	74,970	1,786	76,756	74,863
Carignane	3,941	21	6	11	1	2	4	0	0	3,982	4	3,986	4,507
Carnelian	687	160	0	0	0	0	0	43	0	847	43	890	963
Centurian	87	0	68	0	0	0	0	0	0	155	0	155	155
Charbono	40	1	15	16	0	5	3	0	5	76	7	84	77
Cinsaut *	55	4	24	7	32	4	3	0	0	126	3	129	144
Dolcetto	63	14	0	2	6	0	7	0	0	85	7	92	91
Gamay (Napa) *	385	11	4	0	0	17	0	0	0	417	0	417	532
Gamay Beaujolais	103	12	16	8	0	0	0	0	0	139	0	139	139
Grenache *	6,110	300	113	112	121	46	16	183	578	6,801	776	7,578	7,762
Lagrein	82	0	0	13	0	0	1	0	11	95	12	107	56
Lambrusco	103	0	0	0	0	0	0	0	0	103	0	103	103
Malbec	276	317	111	149	107	48	72	54	41	1,007	167	1,174	1,102
Mataro *	519	50	34	73	63	36	25	22	31	775	78	853	829
Merlot	39,280	4,061	2,816	2,530	2,253	1,245	774	752	577	52,185	2,103	54,288	53,535
Meunier *	149	4	0	1	1	15	2	0	0	170	2	172	208
Mission	336	112	82	0	0	2	8	0	8	533	16	549	589
Montepulciano	21	1	1	0	22	3	0	5	0	48	5	53	48
Muscat Hamburg *	25	3	19	0	1	0	0	2	44	47	46	94	35
Nebbiolo	136	20	25	3	4	0	6	6	2	188	14	202	182
Petit Verdot	307	176	157	208	145	122	178	146	40	1,115	364	1,479	1,290
Petite Sirah	1,862	452	663	619	585	413	718	453	328	4,594	1,499	6,093	5,463
Pinot Noir	10,028	2,596	3,030	3,911	2,839	919	451	342	326	23,323	1,119	24,442	24,055
Primitivo	57	62	12	33	42	43	43	8	10	249	61	310	287
Royalty	314	0	0	1	0	0	0	0	0	315	0	315	327
Rubired *	6,364	1,566	1,941	658	272	0	37	0	263	10,801	299	11,100	11,128
Ruby Cabernet	4,961	882	478	143	40	24	0	32	201	6,527	233	6,760	6,706
Salvador	211	40	0	0	0	0	0	0	0	251	0	251	211
Sangiovese *	1,577	252	163	74	99	12	12	65	5	2,178	82	2,260	2,214
Souzao	18	1	25	2	2	0	1	5	1	49	6	54	56
Syrah *	6,987	2,917	2,684	2,423	1,673	797	374	252	151	17,481	777	18,257	17,637
Tannat	3	3	4	0	31	81	6	12	0	122	18	140	135
Tempranillo *	491	18	39	77	57	35	23	16	19	717	59	775	731
Teroldego	8	5	17	8	0	0	1	47	0	39	48	86	76
Touriga Nacional *	17	0	14	12	25	10	2	27	13	78	42	120	103
Zinfandel	42,948	1,683	925	1,186	1,053	1,174	664	760	1,033	48,969	2,456	51,425	50,789
Other Red Wine	1,378	1,028	817	175	395	460	196	884	493	4,253	1,573	5,826	5,065
Total Red Wine	182,208	26,908	22,867	21,038	14,811	8,188	4,899	4,814	4,490	276,020	14,203	290,223	285,270

* Synonyms for variety names are shown on Page 4.

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2/ Non-bearing years are 2003, 2004, and 2005.

Grape Variety Synonyms

Alicante Bouschet – Alicante
Beauty Seedless – Black Beauty
Black Corinth – Zante Current
Burger – Monbadon
Chardonnay – Pinot Chardonnay
Cinsault or Cinsaut – Black
Malvoisie, Black Malvasia
Crimson Seedless – Red Crimson
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
Muscat Hamburg – Black Muscat
Palomino – Golden Chasselas
Pinot Gris – Pinot Grigio
Princess -- Melissa
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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