



# 2006 California Grape Acreage Report

National  
Agricultural  
Statistics  
Service

## In Cooperation with the California Department of Food and Agriculture

California Field Office • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • www.nass.usda.gov/ca  
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## RESULTS

California's 2006 wine-type grape acreage is estimated at 527,000 acres. Of the total acres, 480,000 were bearing and 47,000 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 240,000 acres, of which 234,000 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 nearly 22,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2006 prior to being pulled out. As a result, harvested acreage removed in 2006 is included in the estimated acreage, but excluded 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 2006 to approximately 8,500 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.

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.

ESTIMATED GRAPE ACREAGE 1/

Type	2004	2005	2006	Percent Change
Raisin	248,000	246,000	240,000	-2.4
Bearing	244,000	240,000	234,000	-2.5
Non-Bearing	4,000	6,000	6,000	NC
Table	92,000	93,000	93,000	NC
Bearing	83,000	83,000	83,000	NC
Non-Bearing	9,000	10,000	10,000	NC
Wine	513,000	522,000	527,000	1.0
Bearing	473,000	477,000	480,000	0.6
Non-Bearing	40,000	45,000	47,000	4.4
All Grapes	853,000	861,000	860,000	-0.1
Bearing	800,000	800,000	797,000	-0.4
Non-Bearing	53,000	61,000	63,000	3.3

1/ Reported data with an allowance for incompleteness.

## 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, Peggy Gibson, Pearl Gonzalez, Ann Jehn, Jeff Olson, Lupe Oropeza, Cordia Weems, and Sheryl Zazzi.

## 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 8,500 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.

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

Type	1998 and Earlier	1999	2000	2001	2002	2003	2004	2005	2006	2006			2005 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	215,328	2,636	3,377	1,573	1,669	1,929	846	2,085	1,649	226,664	4,429	231,093	238,161
Table	60,983	2,786	4,221	3,174	2,739	2,909	2,906	3,449	2,080	76,979	8,268	85,247	84,964
Wine	344,137	31,778	29,152	20,407	12,728	9,801	10,158	9,662	7,460	448,002	27,280	475,282	470,997
White	139,851	8,690	7,064	5,733	4,020	4,193	4,824	4,314	2,530	169,551	11,668	181,219	180,776
Red	204,286	23,087	22,089	14,674	8,707	5,609	5,334	5,348	4,930	278,452	15,611	294,063	290,221
Grapes, Excl. Rootstock	620,448	37,200	36,751	25,154	17,135	14,639	13,911	15,196	11,188	751,646	39,977	791,622	794,121
Rootstock	200	15	18	51	61	81	25	250	36	0	0	736	680
All Grapes	620,648	37,215	36,769	25,205	17,196	14,721	13,935	15,446	11,225	751,646	39,977	792,359	794,801

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2004, 2005, and 2006. 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	1998 and Earlier	1999	2000	2001	2002	2003	2004	2005	2006	2006			2005 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,717	0	19	0	12	23	22	13	0	1,772	34	1,806	1,908
Dovine	107	95	176	143	71	56	35	0	7	649	42	690	656
Fiesta	5,497	825	1,517	1,040	678	1,140	189	1,015	385	10,697	1,589	12,286	11,689
Selma Pete	18	0	1	0	13	242	223	463	289	273	975	1,248	846
Sultana	126	0	0	0	0	0	0	0	0	126	0	126	162
Thompson Seedless	207,741	1,646	1,650	387	800	347	367	550	822	212,723	1,588	214,311	222,096
Other Raisin	122	70	14	3	95	122	10	45	146	425	201	626	804
Total Raisin	215,328	2,636	3,377	1,573	1,669	1,929	846	2,085	1,649	226,664	4,429	231,093	238,161

\* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2004, 2005, and 2006. 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	1998 and Earlier	1999	2000	2001	2002	2003	2004	2005	2006	2006			2005 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Autumn Royal	466	446	461	1,016	835	505	259	86	160	3,729	506	4,235	3,903
Autumn Seedless	83	5	7	0	0	0	11	0	0	94	11	105	105
Beauty Seedless *	203	0	30	0	0	0	0	0	0	233	0	233	329
Black Emerald	46	16	19	3	0	6	0	0	0	91	0	91	90
Black Monukka	217	0	0	0	0	0	0	0	0	217	0	217	240
Blush Seedless	0	0	0	0	0	138	0	0	0	138	0	138	0
Calmeria	800	36	0	9	0	19	0	0	0	864	0	864	1,147
Cardinal	97	0	0	0	0	0	0	0	0	97	0	97	99
Christmas Rose	471	3	0	0	0	56	7	0	0	529	7	536	600
Crimson Seedless *	9,525	1,299	1,704	957	728	563	498	799	196	14,776	1,493	16,268	15,658
Early Muscat	147	0	0	0	0	0	0	0	0	147	0	147	147
Emerald Seedless *	392	49	0	0	12	10	0	0	0	463	0	463	608
Emperatriz	133	0	0	0	0	0	0	0	0	133	0	133	133
Emperor	896	0	0	0	0	0	0	0	0	896	0	896	1,108
Exotic	158	0	0	0	0	0	0	0	0	158	0	158	182
Fantasy Seedless	626	40	82	0	38	12	4	0	20	797	24	821	846
Flame Seedless *	19,307	158	176	163	368	285	388	698	95	20,573	1,065	21,638	23,265
Flame Tokay	459	0	28	0	2	0	0	0	0	489	0	489	629
Flaming Red	161	0	0	0	0	0	0	0	0	161	0	161	176
Italia *	158	2	0	0	0	1	0	0	0	161	0	161	164
Jade Seedless	232	0	0	38	37	0	40	0	0	307	40	347	257
Kyoho	64	5	2	0	6	0	0	0	0	78	0	78	78
Late Seedless	79	0	0	0	0	0	0	0	0	79	0	79	61
Malaga *	132	0	0	0	0	0	0	0	14	132	14	146	153
Marroo Seedless	158	9	0	0	0	0	0	0	0	167	0	167	184
Muscat Flame	61	30	0	15	4	1	16	0	0	111	16	127	127
Niabell	59	0	0	0	4	0	0	83	0	63	83	146	209
Perlette	2,521	0	0	0	0	10	17	2	91	2,548	93	2,641	2,784
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	138	241	800	275	165	159	314	88	595	1,778	997	2,775	2,200
Queen	71	0	0	0	6	0	0	0	0	77	0	77	77
Red Globe *	11,938	271	55	194	77	370	192	106	87	12,905	385	13,291	13,464
Ribier	222	0	0	0	0	0	48	0	0	222	48	270	332
Rouge	481	0	0	0	0	0	0	0	0	481	0	481	481
Royal Black Seedless	0	0	35	0	0	40	19	0	1	75	20	95	111
Ruby Seedless *	3,979	63	30	5	8	20	55	8	39	4,104	101	4,205	4,401
Scarlet	0	2	0	0	12	0	10	0	296	14	306	320	16
Sugranineteen	0	0	0	28	0	72	89	123	0	99	212	311	311
Sugraone *	2,850	8	101	44	0	0	79	706	60	3,017	831	3,847	3,367
Sugrasixteen	0	0	0	18	0	0	49	0	0	18	49	67	67
Sugrathirteen	155	0	39	35	0	0	0	0	0	228	0	228	228
Summer Royal	32	0	19	27	3	22	145	143	125	113	403	516	327
Sweet Scarlet	0	0	0	34	0	0	51	31	19	34	101	135	32
Other Table	3,388	105	634	313	433	622	616	576	282	5,507	1,463	6,970	6,193
Total Table	60,983	2,786	4,221	3,174	2,739	2,909	2,906	3,449	2,080	76,979	8,268	85,247	84,964

\* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2004, 2005, and 2006. 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	1998 and Earlier	1999	2000	2001	2002	2003	2004	2005	2006	2006			2005 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Burger *	1,426	28	26	0	0	79	0	0	0	1,559	0	1,559	1,489
Catarratto	84	29	0	0	47	48	51	0	0	207	51	258	367
Chardonnay *	77,396	5,325	4,734	2,447	1,019	1,171	1,329	989	686	92,091	3,004	95,095	95,023
Chenin Blanc	10,136	20	39	0	37	65	0	44	35	10,297	79	10,376	10,695
Emerald Riesling	267	0	0	0	0	0	0	0	0	267	0	267	267
French Colombard	25,534	46	122	1	30	38	1,252	1,175	187	25,770	2,614	28,384	29,455
Gewurztraminer	1,234	19	24	31	20	28	21	42	55	1,355	118	1,473	1,390
Grenache Blanc	60	1	21	1	4	1	1	9	8	89	18	107	101
Malvasia Bianca *	1,281	25	9	0	42	36	20	5	0	1,393	25	1,417	1,710
Marsanne	55	1	2	9	5	0	1	3	0	72	4	76	69
Muscat Blanc *	812	48	74	26	12	38	48	360	183	1,010	591	1,601	1,350
Muscat of Alexandria	2,580	264	221	1	0	18	20	116	220	3,084	356	3,440	3,361
Muscat Orange	153	2	15	0	5	7	36	29	3	182	68	250	239
Palomino *	373	0	0	0	0	0	2	0	0	373	2	375	491
Pinot Blanc	285	9	9	41	7	14	25	5	44	365	73	438	533
Pinot Gris *	1,526	529	516	1,515	1,122	1,511	509	288	136	6,719	934	7,653	7,245
Roussanne	51	30	60	57	11	7	0	6	15	216	21	237	177
Sauvignon Blanc	10,120	661	515	1,224	1,054	843	456	377	287	14,416	1,119	15,535	15,462
Sauvignon Musque	118	19	0	12	4	10	0	6	2	163	8	171	165
Semillon	855	45	18	45	91	15	1	1	14	1,068	16	1,084	1,085
St.Emilion *	198	0	0	0	0	0	0	0	0	198	0	198	198
Symphony	655	0	0	30	0	0	25	202	0	685	228	913	911
Tocai Friulano	115	6	7	0	2	3	0	0	0	134	0	134	131
Triplett Blanc	0	0	0	0	0	0	40	105	158	0	303	303	75
Verdelho	3	1	2	6	2	9	5	2	33	23	40	63	29
Viognier	1,452	179	111	146	101	124	97	244	144	2,112	484	2,596	2,217
White Riesling *	1,522	101	61	59	89	104	255	157	274	1,935	685	2,620	2,329
Other White Wine	1,561	1,303	480	82	319	25	631	152	45	3,769	827	4,597	4,212
<b>Total White Wine</b>	<b>139,851</b>	<b>8,690</b>	<b>7,064</b>	<b>5,733</b>	<b>4,020</b>	<b>4,193</b>	<b>4,824</b>	<b>4,314</b>	<b>2,530</b>	<b>169,551</b>	<b>11,668</b>	<b>181,219</b>	<b>180,776</b>

\* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2004, 2005, and 2006.

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

Variety	1998 and Earlier	1999	2000	2001	2002	2003	2004	2005	2006	2006			2005 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Alicante Bouschet *	830	62	46	3	1	7	166	86	19	948	271	1,218	1,168
Barbera	7,352	66	60	77	17	10	25	25	16	7,581	66	7,646	7,999
Cabernet Franc	2,431	237	309	210	148	99	114	73	22	3,434	209	3,643	3,545
Cabernet Sauvignon	50,007	8,420	8,811	4,487	2,814	1,370	668	364	268	75,909	1,299	77,208	76,783
Carignane	4,134	6	11	1	2	4	0	2	0	4,157	2	4,159	3,986
Carmenere	14	0	1	6	1	1	38	3	0	23	41	65	50
Carnelian	812	0	0	0	0	0	43	35	19	812	97	909	890
Centurian	87	68	0	0	0	0	0	0	0	155	0	155	155
Charbono	38	15	16	0	5	3	4	3	0	76	6	83	84
Cinsaut *	84	15	7	30	3	3	1	0	2	142	3	145	129
Dolcetto	72	0	2	6	0	7	0	0	4	87	4	91	92
Gamay (Napa) *	336	4	15	0	2	0	0	0	0	357	0	357	417
Gamay Beaujolais	114	16	8	0	0	0	0	0	0	138	0	138	139
Grenache *	6,156	114	117	115	79	18	167	582	59	6,598	809	7,406	7,578
Lagrein	58	0	13	0	0	1	0	10	0	72	11	82	107
Lambrusco	93	0	0	0	0	0	0	0	0	93	0	93	103
Malbec	573	121	205	103	73	77	69	68	43	1,153	179	1,332	1,174
Mataro *	523	32	60	60	37	24	22	43	12	734	76	810	853
Merlot	41,732	2,806	2,611	2,203	1,342	877	777	692	345	51,570	1,813	53,384	54,260
Meunier *	153	0	1	1	17	2	0	0	5	174	5	179	172
Mission	568	82	0	0	2	8	0	8	0	660	8	668	549
Montepulciano	4	19	0	22	3	0	5	0	0	48	5	53	53
Muscat Hamburg *	28	19	0	1	0	0	2	54	0	48	56	103	94
Nebbiolo	121	24	2	4	0	6	6	2	2	157	10	167	202
Petit Verdot	476	162	232	152	131	192	158	95	16	1,344	268	1,612	1,477
Petite Sirah	2,304	663	687	607	424	716	481	396	244	5,402	1,121	6,523	6,093
Pinot Noir	12,629	2,999	3,913	3,050	974	623	350	571	2,410	24,188	3,330	27,518	24,442
Royalty	278	0	1	0	0	0	0	0	0	279	0	279	315
Rubired *	7,495	1,941	706	272	0	20	0	343	355	10,434	698	11,132	11,100
Ruby Cabernet	5,874	477	163	40	39	0	36	244	28	6,593	308	6,901	6,760
Salvador	252	0	0	0	0	0	0	0	0	252	0	252	251
Sangiovese *	1,706	182	62	65	12	15	67	11	13	2,042	92	2,134	2,260
Syrah *	9,689	2,756	2,573	1,694	796	411	281	264	315	17,918	859	18,776	18,256
Tannat	6	4	2	31	81	7	17	1	2	130	19	149	140
Tempranillo *	510	40	77	67	67	28	16	17	71	788	104	892	775
Teroldego	13	17	8	0	0	6	47	0	3	44	50	94	86
Touriga Francesca	2	0	0	2	0	0	0	0	56	4	56	60	4
Touriga Nacional *	12	14	12	25	16	2	25	17	74	81	116	196	120
Zinfandel *	44,481	880	1,239	994	1,228	875	872	1,313	478	49,697	2,663	52,361	51,425
Other Red Wine	2,241	827	124	347	396	200	881	27	49	4,133	957	5,090	6,137
<b>Total Red Wine</b>	<b>204,286</b>	<b>23,087</b>	<b>22,089</b>	<b>14,674</b>	<b>8,707</b>	<b>5,609</b>	<b>5,334</b>	<b>5,348</b>	<b>4,930</b>	<b>278,452</b>	<b>15,611</b>	<b>294,063</b>	<b>290,221</b>

\* Synonyms for variety names are shown on Page 4.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2004, 2005, and 2006.

## Grape Variety Synonyms

Alicante Bouschet – Alicante	Malaga – White Malaga	Ribolla Gialla – Rebola
Beauty Seedless – Black Beauty	Malvasia Bianca – Vennentino, Vermintino	Rubired – Tintoria
Black Corinth – Zante Current	Marechal Foch – Foch	Ruby Seedless – King Ruby
Black Prince – Rose of Peru	Mataro – Mourvedre	Sangiovese – Sangiovetto, Brunello
Blaufraenkisch – Lemberger	Meunier – Pinot Meunier	Sauvignon Vert – Muscadelle
Burger – Monbadon	Moscato Gaillo – Muscat Yellow	St. Emillion – Ugni Blanc, Trebbiano
Chardonnay – Pinot Chardonnay, Chardonnay Musque	Muscat Blanc – Muscat Canelli, Muscat Blanc A Petits Grains	Sugraone – Superior Seedless
Cinsaut – Black Malvoisie, Black Malvasia	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	Touriga Nacional – Touriga
Flame Seedless – Red Flame	Palomino – Golden Chasselas	Trousseau – Bastardo
Gamay (Napa) – Gamay, Valdiguie	Pinot Gris – Pinot Grigio	White Riesling – Johannisberg Riesling, Riesling
Gray Riesling – Trousseau Gris	Princess – Melissa	Zinfandel – Primitivo
Grenache – Grenache Noir	Red Globe – Rose Ito	
Italia – Muscat Italia	Refosco – Mondeuse	

The detailed **2006 GRAPE ACREAGE REPORT** will be released April 12, 2007. The entire bulletin, as well as individual tables, will be available free-of-charge on our website at [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca) in two formats (Adobe Acrobat's Portable Document Format and Excel spreadsheet format).

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