



# California Grape Acreage Report 2008 Summary

Cooperating with the California Department of Food and Agriculture

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## RESULTS

California's 2008 wine-type grape acreage is estimated at 526,000 acres. Of the total acres, 482,000 were bearing and 44,000 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 225,000 acres, of which 221,000 were bearing and 4,000 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.

- A voluntary survey of approximately 8,100 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.
- The detailed data reflects vine removals from about 25,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2008 prior to being pulled out. As a result, harvested acreage removed in 2008 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' database. The mailing was made in late September 2008 to approximately 8,100 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 database 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	2006	2007	2008	Percent Change
Raisin	240,000	233,000	225,000	-3.4
Bearing	234,000	227,000	221,000	-2.6
Non-Bearing	6,000	6,000	4,000	-33.3
Table	93,000	92,000	93,000	+1.1
Bearing	83,000	82,000	83,000	+1.2
Non-Bearing	10,000	10,000	10,000	NC
Wine	527,000	523,000	526,000	2/
Bearing	480,000	480,000	482,000	2/
Non-Bearing	47,000	43,000	44,000	+2.3
All Grapes	860,000	848,000	844,000	2/
Bearing	797,000	789,000	786,000	2/
Non-Bearing	63,000	59,000	58,000	-1.7

1/ Reported data with an allowance for incompleteness.

2/ The percent change was less than 1 percent.

## 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' database.

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:

## 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, Katherine Graham, Jeff Olson, Lupe Oropeza, Cordia Weems and Sheryl Zazzi.

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

Type	2000 and Earlier	2001	2002	2003	2004	2005	2006	2007	2008	2008			2007 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	205,651	1,416	1,278	2,034	689	2,718	<b>1,610</b>	<b>906</b>	<b>378</b>	213,785	<b>2,894</b>	216,679	224,464
Table	60,129	3,148	3,292	2,941	3,345	3,875	<b>3,587</b>	<b>2,977</b>	<b>1,746</b>	77,013	<b>8,025</b>	85,039	84,702
Wine	378,771	20,597	12,783	9,727	10,604	11,208	<b>11,639</b>	<b>9,112</b>	<b>6,369</b>	443,690	<b>27,120</b>	470,810	471,887
White	145,898	5,711	3,829	4,223	4,894	5,212	<b>4,582</b>	<b>4,584</b>	<b>3,009</b>	169,767	<b>12,175</b>	181,942	182,486
Red	232,873	14,886	8,955	5,504	5,710	5,996	<b>7,057</b>	<b>4,529</b>	<b>3,360</b>	273,924	<b>14,945</b>	288,869	289,401
Grapes, Excluding Rootstock	644,550	25,161	17,353	14,701	14,638	17,801	<b>16,835</b>	<b>12,995</b>	<b>8,493</b>	734,489	<b>38,039</b>	772,527	781,052
Rootstock	255	47	46	53	5	12	<b>44</b>	<b>114</b>	<b>43</b>	0	<b>0</b>	619	498
All Grapes	644,805	25,208	17,399	14,755	14,643	17,813	<b>16,879</b>	<b>13,109</b>	<b>8,536</b>	734,489	<b>38,039</b>	773,146	781,550

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2006, 2007, and 2008. 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	2000 and Earlier	2001	2002	2003	2004	2005	2006	2007	2008	2008			2007 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,710	0	12	28	29	13	<b>5</b>	<b>0</b>	<b>0</b>	1,792	<b>5</b>	1,797	1,798
Dovine	404	143	69	56	35	0	<b>7</b>	<b>0</b>	<b>0</b>	707	<b>7</b>	713	703
Fiesta	7,807	1,041	670	1,140	200	1,342	<b>394</b>	<b>144</b>	<b>74</b>	12,200	<b>612</b>	12,811	12,678
Negrta Black	76	0	0	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	76	<b>0</b>	76	0
Selma Pete	37	0	13	273	228	790	<b>330</b>	<b>350</b>	<b>204</b>	1,341	<b>885</b>	2,225	1,967
Sultana	126	0	0	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	126	<b>0</b>	126	163
Thompson Seedless	195,151	229	419	415	171	523	<b>729</b>	<b>357</b>	<b>100</b>	196,909	<b>1,185</b>	198,094	205,933
Other Raisin	340	3	95	122	26	50	<b>146</b>	<b>55</b>	<b>0</b>	636	<b>201</b>	836	1,223
Total Raisin	205,651	1,416	1,278	2,034	689	2,718	<b>1,610</b>	<b>906</b>	<b>378</b>	213,785	<b>2,894</b>	216,679	224,464

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2006, 2007, and 2008. 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	2000 and Earlier	2001	2002	2003	2004	2005	2006	2007	2008	2008			2007 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Arra	71	0	0	0	111	0	0	0	0	183	0	183	0
Autumn King	172	0	0	0	0	75	78	177	168	247	422	669	0
Autumn Royal	1,362	851	890	480	247	82	160	146	120	3,912	425	4,337	4,293
Autumn Seedless	68	0	0	0	11	0	21	0	0	79	21	100	107
Beauty Seedless *	203	0	0	0	0	0	0	3	0	203	3	206	230
Black Emerald	72	3	0	6	0	0	0	0	0	82	0	82	82
Black Monukka	180	0	0	0	0	0	0	0	0	180	0	180	199
Calmeria	763	9	0	19	0	0	0	11	0	791	11	802	791
Cardinal	88	0	0	0	0	0	0	0	0	88	0	88	88
Castlerock Red	0	0	0	0	0	31	0	151	0	31	151	182	182
Christmas Rose	327	0	0	56	7	0	0	0	0	390	0	390	473
Crimson Seedless *	11,585	947	835	512	547	821	229	193	386	15,247	808	16,055	16,299
Early Muscat	147	0	0	0	0	0	0	0	0	147	0	147	147
Emerald Seedless *	385	0	12	138	0	0	0	0	44	535	44	579	540
Emperatriz	133	0	0	0	0	0	0	0	0	133	0	133	133
Emperor	695	0	0	0	0	0	0	0	0	695	0	695	772
Exotic	107	0	0	0	0	0	0	0	0	107	0	107	120
Fantasy Seedless	630	0	38	12	4	0	0	0	0	685	0	685	873
Flame Seedless *	17,584	145	706	400	368	695	208	146	126	19,943	436	20,378	20,968
Flame Tokay	280	0	2	0	0	0	0	67	0	282	67	349	546
Flaming Red	111	0	0	0	0	0	0	0	0	111	0	111	131
Italia *	60	0	0	1	0	0	0	0	0	61	0	61	61
Jade Seedless	232	38	37	0	40	0	0	0	0	347	0	347	347
Kyoho	71	0	6	0	5	0	3	0	0	83	3	86	86
Malaga *	104	0	0	0	0	0	14	0	0	104	14	118	146
Marroo Seedless	153	0	0	0	0	0	0	0	0	153	0	153	167
Muscat Flame	91	15	4	1	16	0	0	0	0	127	0	127	127
Niabell	7	0	4	0	0	34	48	0	0	46	48	93	93
Perlette	2,093	0	0	10	17	2	91	0	0	2,213	0	2,213	2,469
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	1,051	275	165	167	372	289	795	59	60	2,319	914	3,234	2,803
Pristine	0	0	0	69	0	0	0	0	0	69	0	69	0
Queen	71	0	6	0	0	0	0	0	0	77	0	77	77
Red Globe *	10,051	342	117	359	364	98	124	93	0	11,331	217	11,548	12,519
Regal Seedless	0	0	0	0	83	0	0	0	0	83	0	83	3
Ribier	172	0	0	0	48	0	0	0	0	220	0	220	227
Rouge	481	0	0	0	0	0	0	0	0	481	0	481	481
Royal Black Seedless	35	0	0	0	19	0	0	0	0	54	0	54	94
Royal Holiday	82	0	0	71	0	30	0	0	0	183	0	183	0
Ruby Seedless *	3,693	5	8	79	35	8	43	21	0	3,826	63	3,889	4,097
Scarlet	66	0	0	0	0	0	285	319	38	76	632	708	727
Sugranineteen	0	28	0	72	49	129	10	0	0	277	10	287	287
Sugraone *	2,959	76	41	0	270	688	269	399	251	4,135	817	4,952	3,880
Sugrasixteen	0	18	0	0	49	0	0	0	0	67	0	67	67
Sugrathirteen	157	35	0	0	0	0	0	0	0	192	0	192	192
Summer Royal	60	13	3	22	189	138	251	213	20	462	447	909	753
Sweet Scarlet	0	34	2	0	51	46	19	0	0	133	19	152	146
Tudor	52	0	0	0	0	0	0	0	0	52	0	52	52
Other Table	3,347	314	416	466	445	710	940	981	533	5,697	2,453	8,150	7,753
<b>Total Table</b>	<b>60,129</b>	<b>3,148</b>	<b>3,292</b>	<b>2,941</b>	<b>3,345</b>	<b>3,875</b>	<b>3,587</b>	<b>2,977</b>	<b>1,746</b>	<b>77,013</b>	<b>8,025</b>	<b>85,039</b>	<b>84,702</b>

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2006, 2007, and 2008. 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	2000 and Earlier	2001	2002	2003	2004	2005	2006	2007	2008	2008			2007 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Burger *	1,168	0	0	79	0	0	0	0	0	1,247	0	1,247	1,376
Catarratto	100	0	20	48	24	0	4	2	0	191	6	197	388
Chardonnay *	84,607	2,223	906	1,099	1,378	1,309	1,182	1,023	985	91,522	3,190	94,712	94,282
Chenin Blanc	8,027	0	37	65	0	44	38	29	0	8,173	67	8,240	9,598
Emerald Riesling	235	0	0	0	0	0	0	0	0	235	0	235	235
French Colombard	23,309	1	2	38	1,138	1,478	261	681	36	25,965	978	26,944	28,649
Gewurztraminer	1,381	31	17	28	21	42	60	11	0	1,519	71	1,590	1,563
Grenache Blanc	91	1	4	0	1	10	14	21	18	107	52	159	111
Malvasia Bianca *	1,282	0	42	36	42	5	1	0	23	1,406	24	1,430	1,433
Marsanne	55	9	14	1	1	3	1	2	7	84	10	93	84
Muscat Blanc *	817	30	13	37	45	429	250	72	40	1,370	362	1,731	1,694
Muscat of Alexandria	2,952	1	0	18	20	151	220	47	0	3,143	266	3,409	3,416
Muscat Orange	158	0	2	9	22	42	7	3	4	233	13	246	255
Palomino *	339	0	0	0	2	0	0	0	0	340	0	340	343
Pinot Blanc	304	31	7	33	25	1	44	1	0	400	45	445	440
Pinot Gris *	2,692	1,700	1,161	1,520	606	324	750	1,616	1,589	8,003	3,955	11,958	9,389
Roussanne	188	58	14	5	1	7	25	23	26	273	75	348	268
Sauvignon Blanc	10,479	1,242	975	806	442	429	337	396	92	14,372	824	15,196	15,367
Sauvignon Musque	138	12	10	37	0	7	11	3	0	203	14	218	206
Semillon	762	45	80	16	1	1	29	9	0	906	38	943	1,027
St. Emilion *	197	0	0	0	0	0	0	0	0	197	0	197	198
Symphony	655	30	0	0	25	202	0	0	0	913	0	913	898
Tocai Friulano	153	0	2	3	0	0	0	1	0	159	1	160	153
Triplett Blanc	0	0	0	0	75	105	428	158	0	180	586	767	767
Verdelho	6	6	3	9	5	2	33	25	3	31	61	92	84
Viognier	1,749	143	104	108	78	276	267	143	107	2,456	518	2,974	2,773
White Riesling *	1,510	68	95	198	266	186	575	109	67	2,322	751	3,073	2,861
Other White Wine	2,546	82	322	32	679	160	45	210	13	3,820	268	4,088	4,630
<b>Total White Wine</b>	<b>145,898</b>	<b>5,711</b>	<b>3,829</b>	<b>4,223</b>	<b>4,894</b>	<b>5,212</b>	<b>4,582</b>	<b>4,584</b>	<b>3,009</b>	<b>169,767</b>	<b>12,175</b>	<b>181,942</b>	<b>182,486</b>

\* Synonyms for variety names are shown on Page 6.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2006, 2007, and 2008. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

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

Variety	2000 and Earlier	2001	2002	2003	2004	2005	2006	2007	2008	2008			2007 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Alicante Bouschet *	856	3	1	7	164	84	22	37	2	1,115	61	1,175	1,204
Barbera	6,955	78	20	11	17	21	26	22	18	7,101	65	7,166	7,503
Cabernet Franc	2,652	198	163	97	114	101	79	71	45	3,325	195	3,520	3,608
Cabernet Sauvignon	63,660	4,357	2,714	1,404	796	539	526	578	474	73,470	1,578	75,048	75,622
Carignane	3,642	1	2	4	20	3	20	0	11	3,672	31	3,703	4,121
Carmenere	5	4	1	1	38	3	0	2	0	52	2	53	63
Carnelian	795	0	0	0	43	35	19	1	0	873	20	893	892
Centurian	87	0	0	0	0	0	0	0	0	87	0	87	155
Charbono	67	0	5	3	4	3	2	4	0	82	6	88	85
Cinsaut *	80	20	4	3	2	0	2	1	3	109	6	115	135
Dolcetto	72	6	6	7	3	2	4	5	1	95	10	105	103
Gamay (Napa) *	285	0	2	0	0	0	29	0	0	287	29	316	353
Gamay Beaujolais	98	0	0	0	0	0	0	0	0	98	0	98	138
Grenache *	5,758	116	81	18	195	594	80	91	30	6,761	201	6,962	7,127
Lagrein	65	0	0	1	0	10	0	0	0	77	0	77	77
Lambrusco	93	0	0	0	0	0	0	0	0	93	0	93	93
Malbec	880	97	77	75	75	78	79	57	52	1,282	188	1,469	1,388
Mataro *	608	58	37	21	16	59	14	18	21	799	53	852	819
Merlot	41,048	2,299	1,259	840	712	534	394	138	39	46,693	571	47,263	49,781
Meunier *	128	0	17	2	0	9	6	8	0	156	14	170	172
Mission	618	0	2	8	0	8	0	0	0	636	0	637	640
Montepulciano	25	27	4	1	9	1	5	0	2	67	7	74	59
Muscat Hamburg *	78	1	0	0	3	50	7	0	0	133	7	140	109
Nebbiolo	140	4	0	6	1	0	2	0	0	151	2	153	161
Petit Verdot	862	148	124	156	184	113	51	76	64	1,588	191	1,779	1,743
Petite Sirah	3,659	654	514	828	545	383	323	294	118	6,584	736	7,320	6,843
Pinot Noir	19,635	3,240	1,018	566	507	772	3,579	2,198	1,796	25,737	7,573	33,310	29,191
Pinotage	15	0	3	0	0	2	0	1	30	21	31	51	21
Primitivo	37	2	6	16	5	1	12	45	3	67	59	126	99
Royalty	271	0	0	0	0	0	0	0	0	271	0	271	271
Rubired *	10,022	272	224	20	2	343	355	25	76	10,882	456	11,338	11,109
Ruby Cabernet	5,674	40	39	0	36	244	120	20	6	6,033	146	6,179	6,391
Salvador	176	0	0	0	0	0	0	0	0	176	0	176	216
Sangiovese *	1,675	63	12	15	75	15	28	6	8	1,856	42	1,897	1,973
Souzao	34	2	0	1	6	6	0	9	5	48	14	62	49
Syrah *	14,802	1,734	799	395	235	353	356	140	61	18,318	557	18,875	18,749
Tannat	10	31	91	7	16	3	6	60	13	159	79	238	195
Tempranillo *	559	63	72	35	21	21	82	54	8	771	145	916	887
Teroldego	38	0	1	5	47	11	3	1	0	102	4	106	95
Touriga Nacional *	38	25	16	1	25	18	78	8	1	123	88	210	205
Zinfandel	43,361	994	1,244	755	923	1,510	707	538	313	48,787	1,558	50,345	51,649
Other Red Wine	3,311	348	399	197	871	65	41	23	159	5,191	223	5,414	5,309
<b>Total Red Wine</b>	<b>232,873</b>	<b>14,886</b>	<b>8,955</b>	<b>5,504</b>	<b>5,710</b>	<b>5,996</b>	<b>7,057</b>	<b>4,529</b>	<b>3,360</b>	<b>273,924</b>	<b>14,945</b>	<b>288,869</b>	<b>289,401</b>

\* Synonyms for variety names are shown on Page 6.

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2/ Non-bearing years are 2006, 2007, and 2008. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

### Grape Variety Synonyms

Alicante Bouschet – Alicante	Italia – Muscat ItaliaMalaga – White Malaga	Refosco – Mondeuse
Beauty Seedless – Black Beauty	Malvasia Bianca – Vennentino, Vermintino	Ribolla Gialla – Rebolla
Black Corinth – Zante Current	Marechal Foch – Foch	Rubired – Tintoria
Black Prince – Rose of Peru	Mataro – Mourvedre	Ruby Seedless – King Ruby
Blaufraenkisch – Lemberger	Meunier – Pinot Meunier	Sangiovese – Sangioveto, Brunello
Burger – Monbadon	Moscato Gaillo – Muscat Yellow	Sauvignon Vert – Muscadelle
Chardonnay – Pinot Chardonnay, Chardonnay Musque	Muscat Blanc – Muscat Canelli, Muscat Blanc A Petits Grains	St. Emilion – Ugni Blanc, Trebbiano
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	
Grenache – Grenache Noir	Red Globe – Rose Ito	

The detailed **2008 GRAPE ACREAGE REPORT** will be released April 14, 2009. 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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