

**CALIFORNIA**

# **Grape Acreage Report 2010 Summary**



**California Department of Food and Agriculture  
March 31, 2011**





# California Grape Acreage Report 2010 Summary

Cooperating with the California Department of Food and Agriculture

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## RESULTS

California's 2010 grape acreage totaled 842,000 acres. Of the total grape acreage, 792,000 were bearing while 50,000 were non-bearing. The wine-type grape acreage is estimated at 535,000 acres. Of the total acres, 497,000 were bearing and 38,000 were non-bearing. Table-type grape acreage totaled 94,000 acres with 85,000 bearing and 9,000 non-bearing. Acreage of raisin-type grapes totaled 213,000 acres, of which 210,000 were bearing and 3,000 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 8,300 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 13,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2010 prior to being pulled out. As a result, harvested acreage removed in 2010 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 2010 to approximately 8,300 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.

## 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, Kim Moreno, Cordia Weems and Sheryl Zazzi.

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' 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:

VIC TOLOMEO, Director  
SARAH HOFFMAN – KELLY KRUG, Deputy Directors  
DOUG FLOHR – JENNIFER VAN COURT  
Statisticians – Estimates Group

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

Type	2002 and earlier	2003	2004	2005	2006	2007	2008	2009	2010	2010			2009 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	194,522	1,886	678	2,789	1,542	1,036	598	803	336	202,473	1,717	204,191	209,076
Table	61,182	2,838	3,631	4,238	3,658	3,288	3,513	1,488	2,049	79,067	6,817	85,884	85,651
Wine	398,096	9,908	11,261	12,479	13,643	11,529	9,634	5,639	4,189	456,916	19,462	476,377	473,311
White	147,535	4,321	5,041	5,511	5,393	5,825	4,615	2,235	1,374	173,626	8,223	181,849	181,456
Red	250,561	5,587	6,220	6,968	8,250	5,704	5,019	3,404	2,815	283,290	11,238	294,528	291,855
Grapes, Excluding Rootstock	653,800	14,632	15,570	19,506	18,842	15,853	13,745	7,930	6,574	738,456	27,996	766,452	768,038
Rootstock	230	49	5	42	31	91	84	220	53	0	0	806	747
All Grapes	654,030	14,682	15,575	19,548	18,874	15,944	13,830	8,150	6,627	738,456	27,996	767,258	768,785

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2008, 2009, and 2010. 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	2002 and earlier	2003	2004	2005	2006	2007	2008	2009	2010	2010			2009 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,579	28	29	13	8	0	0	4	14	1,657	18	1,674	1,682
Dovine	500	56	35	0	7	0	0	0	0	598	0	598	598
Fiesta	9,357	1,049	200	1,231	414	124	115	196	0	12,374	311	12,685	12,545
Negrita Black	76	0	0	0	0	0	0	0	0	76	0	76	76
Selma Pete	200	273	218	937	419	414	285	196	200	2,461	681	3,143	2,846
Sultana	175	0	0	0	0	30	53	0	0	205	53	258	176
Thompson Seedless	182,323	359	156	522	548	444	141	183	114	184,372	417	184,789	190,402
Other Raisin	314	122	40	85	146	25	4	224	9	731	237	968	752
Total Raisin	194,522	1,886	678	2,789	1,542	1,036	598	803	336	202,473	1,717	204,191	209,076

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2008, 2009, and 2010. 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	2002 and Earlier	2003	2004	2005	2006	2007	2008	2009	2010	2010			2009 Total
										Bearing	Non- Bearing 2/	Total	
Acres													
Arra	239	0	76	0	0	0	14	0	4	315	18	333	361
Autumn King	0	0	0	85	78	269	548	313	436	432	1,297	1,729	1,201
Autumn Royal	3,062	496	388	81	161	69	129	18	32	4,257	179	4,436	4,441
Autumn Seedless	68	0	11	0	21	0	0	0	0	100	0	100	101
Beauty Seedless *	205	0	0	0	0	3	0	0	0	208	0	208	216
Black Monukka	102	0	0	0	0	0	0	0	0	102	0	102	164
Black Morocco	279	0	0	0	0	0	0	0	0	279	0	279	351
Blanc Seedless	0	305	0	0	0	72	0	0	0	377	0	377	377
Calmeria	672	8	0	0	0	8	0	0	0	688	0	688	719
Castlerock Red	0	0	0	31	0	151	0	0	0	182	0	182	182
Christmas Rose	307	56	7	0	0	0	0	0	0	370	0	370	370
Crimson Seedless *	12,296	481	560	844	229	213	233	69	2	14,623	304	14,926	15,478
Early Muscat	148	0	0	0	0	0	0	0	0	148	0	148	147
Early Sweet	72	0	12	0	0	0	0	0	0	84	0	84	46
Emerald Seedless *	298	138	0	0	0	35	79	0	0	471	79	550	550
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	656	0	0	0	0	0	0	0	0	656	0	656	656
Fantasy Seedless	556	3	0	60	0	0	23	0	6	620	29	649	600
Flame Seedless *	16,737	295	427	724	237	197	115	204	86	18,616	404	19,021	19,922
Flame Tokay	238	0	0	0	0	67	0	0	0	305	0	305	311
Flaming Red	112	0	0	0	0	0	0	0	0	112	0	112	112
Golden Globe	73	0	95	0	0	0	0	0	0	168	0	168	168
Italia *	58	1	0	0	0	0	0	0	0	59	0	59	61
Jade Seedless	76	0	0	0	0	0	0	0	0	76	0	76	148
Kyoho	70	0	5	0	5	0	0	0	0	80	0	80	77
Luisco	0	0	0	0	0	38	38	20	127	38	185	223	76
Malaga *	78	0	0	0	14	0	0	0	0	92	0	92	93
Marroo Seedless	110	0	0	0	0	0	0	0	0	110	0	110	153
Niabell	11	0	0	34	48	0	0	2	0	93	2	95	93
Perlette	1,450	1	17	0	91	0	0	0	0	1,559	0	1,559	1,795
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	1,417	165	395	298	795	137	64	29	70	3,206	162	3,368	3,332
Red Globe *	10,132	408	354	242	200	93	211	92	18	11,430	320	11,750	11,479
Regal Seedless	0	0	80	0	0	0	0	0	0	80	0	80	80
Ribier	203	0	48	0	0	0	0	0	0	251	0	251	220
Rouge	461	0	0	0	0	0	0	0	0	461	0	461	461
Royal Black Seedless	35	0	19	0	0	0	0	0	3	54	3	57	54
Ruby Seedless *	3,074	72	35	8	81	21	40	22	0	3,289	62	3,351	3,634
Scarlet	66	0	0	0	158	338	40	0	0	562	40	602	573
Scarlet Royal	214	0	23	0	338	306	1,031	229	432	977	1,595	2,572	1,781
Sugranineteen	37	68	49	129	162	293	0	0	4	738	4	742	738
Sugraone *	2,996	0	292	744	158	375	134	49	110	4,622	237	4,859	4,758
Sugrasixteen	18	0	49	0	0	0	0	0	18	67	18	85	67
Sugrathirteen	340	0	0	0	0	96	0	0	0	435	0	435	435
Summer Royal	129	36	221	138	235	211	22	22	0	969	44	1,014	987
Sweet Scarlet	66	0	51	46	66	0	0	84	57	230	141	370	310
Vintage Red	19	0	3	0	0	19	54	131	47	41	231	272	189
90-3618	82	71	0	30	0	0	0	0	0	183	0	183	0
Other Table	3,764	234	414	744	583	277	739	207	598	6,096	1,464	7,560	7,428
<b>Total Table</b>	<b>61,182</b>	<b>2,838</b>	<b>3,631</b>	<b>4,238</b>	<b>3,658</b>	<b>3,288</b>	<b>3,513</b>	<b>1,488</b>	<b>2,049</b>	<b>79,067</b>	<b>6,817</b>	<b>85,884</b>	<b>85,651</b>

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2008, 2009, and 2010. 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	2002 and Earlier	2003	2004	2005	2006	2007	2008	2009	2010	2010			2009 Total
										Bearing	Non- Bearing 2/	Total	
Acres													
Albarino	4	11	7	8	16	68	4	33	3	113	40	153	108
Burger *	1,143	79	0	0	0	0	0	0	0	1,222	0	1,222	1,230
Catarratto	90	0	5	0	4	2	0	0	87	100	87	187	171
Chardonnay *	84,710	1,182	1,440	1,460	1,372	1,462	2,230	1,145	272	91,625	3,647	95,271	94,986
Chenin Blanc	7,081	65	0	0	38	29	0	10	0	7,213	10	7,223	7,667
Emerald Riesling	149	0	0	0	0	0	0	0	0	149	0	149	149
French Colombard	20,900	74	1,148	1,549	220	728	46	12	148	24,618	206	24,824	25,494
Gewurztraminer	1,255	27	25	56	283	23	5	62	0	1,669	67	1,735	1,764
Grenache Blanc	139	1	7	10	21	33	45	2	8	210	55	266	227
Gruener Veltliner	0	0	0	0	0	56	5	0	0	56	5	61	21
Malvasia Bianca	1,218	33	42	10	1	12	1	0	0	1,316	1	1,317	1,384
Marsanne	84	1	1	7	5	2	9	3	2	101	14	115	107
Muscat Blanc *	770	38	72	386	295	81	39	40	188	1,641	267	1,908	1,698
Muscat of Alexandria	2,765	0	20	160	220	9	0	103	115	3,173	218	3,391	3,245
Muscat Orange	161	9	23	30	16	23	1	10	0	262	11	272	232
Palomino *	313	0	2	0	0	0	0	0	0	315	0	315	332
Pinot Blanc	358	29	25	3	37	1	3	0	0	453	3	456	467
Pinot Gris *	5,501	1,481	627	376	786	1,901	1,704	487	45	10,671	2,236	12,907	12,698
Roussanne	250	6	1	15	32	24	22	2	12	326	36	362	339
Sauvignon Blanc	12,325	885	481	448	371	497	202	97	100	15,008	399	15,407	15,423
Sauvignon Musque	148	37	0	7	11	3	0	6	8	206	15	220	229
Semillon	828	8	1	1	31	15	4	0	2	884	6	890	920
St. Emilion *	197	0	0	0	0	0	0	0	0	197	0	197	197
Symphony	562	0	25	202	1	0	0	0	149	791	149	940	803
Tocai Friulano	113	3	0	4	0	1	0	0	0	121	0	121	118
Triplett Blanc	0	0	70	122	428	236	0	0	0	856	0	856	761
Verdelho	15	9	5	2	33	25	3	2	0	89	5	94	94
Viognier	1,922	124	103	250	295	141	113	22	23	2,835	158	2,993	3,000
White Riesling *	1,680	199	281	258	711	408	155	94	45	3,536	294	3,831	3,693
Other White Wine	2,855	22	632	149	167	47	22	105	168	3,872	296	4,169	3,901
<b>Total White Wine</b>	<b>147,535</b>	<b>4,321</b>	<b>5,041</b>	<b>5,511</b>	<b>5,393</b>	<b>5,825</b>	<b>4,615</b>	<b>2,235</b>	<b>1,374</b>	<b>173,626</b>	<b>8,223</b>	<b>181,849</b>	<b>181,456</b>

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2008, 2009, and 2010. 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	2002 and Earlier	2003	2004	2005	2006	2007	2008	2009	2010	2010			2009 Total
										Bearing	Non- Bearing 2/	Total	
Acres													
Aglianico	24	3	0	3	2	12	2	2	4	43	8	51	49
Alicante Bouschet *	780	32	113	74	24	37	2	2	0	1,060	4	1,065	1,103
Barbera	6,708	12	15	27	27	24	94	14	17	6,812	125	6,936	6,931
Cabernet Franc	2,858	97	117	115	95	93	63	26	17	3,375	105	3,480	3,538
Cabernet Sauvignon	70,759	1,320	832	609	694	686	686	984	1,033	74,899	2,703	77,602	75,791
Carignane	3,226	90	5	0	20	1	50	0	1	3,342	51	3,393	3,573
Carmenere	9	1	42	4	0	2	0	0	0	57	0	57	57
Carnelian	720	0	43	0	19	0	0	0	0	782	0	782	782
Centurian	84	0	0	0	0	0	0	0	0	84	0	84	84
Charbono	70	3	4	3	4	4	0	0	0	86	0	86	89
Cinsaut *	104	3	2	0	2	1	3	0	3	112	6	118	114
Counoise	33	4	0	2	8	1	2	0	3	47	5	52	46
Dolcetto	84	12	3	2	4	6	1	9	2	112	12	123	122
Gamay (Napa) *	275	0	4	0	30	0	0	0	0	309	0	309	329
Grenache *	4,979	26	195	582	93	135	76	49	34	6,011	159	6,170	6,553
Lagrein	65	1	0	11	9	0	0	0	0	86	0	87	157
Malbec	1,063	74	82	89	86	81	71	40	30	1,475	141	1,616	1,528
Mataro *	705	24	17	55	20	25	33	28	32	847	92	939	906
Merlot	43,465	794	838	602	464	141	48	358	52	46,305	457	46,762	46,229
Meunier *	139	2	0	9	6	8	0	0	0	163	0	163	171
Mission	622	8	0	8	0	0	0	1	0	638	1	639	656
Montepulciano	57	1	9	1	5	1	2	0	14	74	16	90	73
Muscat Hamburg *	173	0	2	42	7	0	0	2	120	223	122	345	251
Nebbiolo	157	10	1	1	2	1	0	11	2	171	13	185	179
Petit Verdot	1,188	150	191	114	55	90	83	11	44	1,789	138	1,927	1,848
Petite Sirah	5,057	770	604	383	409	323	136	179	140	7,545	455	7,999	7,591
Pinot Noir	24,206	657	595	1,186	3,766	2,932	2,616	841	490	33,343	3,947	37,290	36,388
Pinotage	20	1	0	4	0	1	30	0	0	25	30	55	53
Primitivo	62	16	7	2	36	46	5	18	15	168	38	206	191
Royalty	240	0	0	0	0	0	0	0	0	240	0	240	240
Rubired *	10,310	0	18	343	355	25	76	453	265	11,051	794	11,844	11,776
Ruby Cabernet	5,270	0	36	273	120	22	7	0	34	5,720	41	5,761	5,993
Salvador	106	0	0	0	0	0	0	0	0	106	0	106	114
Sangiovese *	1,689	38	79	19	29	16	17	46	17	1,870	80	1,950	1,920
Souzao	43	1	6	6	0	8	5	0	0	63	5	68	63
Syrah *	17,226	415	390	445	417	192	120	46	33	19,085	199	19,283	19,226
Tannat	133	7	17	3	6	61	15	4	2	226	21	248	240
Tempranillo *	634	60	25	30	86	56	21	23	22	891	66	957	942
Teroldego	15	3	47	11	3	1	0	1	1	79	2	81	79
Touriga Nacional *	89	1	27	20	79	8	1	1	2	224	4	227	220
Zinfandel	43,387	756	981	1,834	831	647	304	226	171	48,435	701	49,136	49,891
Other Red Wine	3,731	195	878	57	439	19	448	32	217	5,318	697	6,015	5,771
<b>Total Red Wine</b>	<b>250,561</b>	<b>5,587</b>	<b>6,220</b>	<b>6,968</b>	<b>8,250</b>	<b>5,704</b>	<b>5,019</b>	<b>3,404</b>	<b>2,815</b>	<b>283,290</b>	<b>11,238</b>	<b>294,528</b>	<b>291,855</b>

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2008, 2009, and 2010. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

### Grape Variety Synonyms

Alicante Bouschet - Alicante  
Beauty Seedless - Black Beauty  
Black Corinth - Zante Current  
Black Prince - Rose of Peru  
Red Blaufraenkisch - Lemberger  
Burger - Monbadon  
Chardonnay - Pinot Chardonnay,  
Chardonnay Musque  
Cinsaut - Black Malvoisie, Black Malvasia  
Crimson Seedless - Red Crimson  
Emerald Seedless - Black Seedless  
Flame Seedless - Red Flame  
Red Gamay (Napa) - Gamay, Valdiguie  
White Gray Riesling - Trousseau Gris  
Red Grenache - Grenache Noir

Italia - Muscat Italia  
Malaga - White Malaga  
Mataro - Mourvedre  
Meunier - Pinot Meunier  
Moscato Gaillo - Muscat Yellow  
Muscat Blanc - Muscat Canelli,  
Muscat Blanc A Petits Grains  
Muscat Hamburg - Black Muscat  
Negrette - Pinot St. George  
Nero D'Avola - Calabrese  
Palomino - Golden Chasselas  
Pinot Gris - Pinot Grigio  
Princess - Melissa  
Red Globe - Rose Ito  
Red Refosco - Mondeuse

White Ribolla Gialla - Rebolla  
Red Rubired - Tintoria  
Ruby Seedless - King Ruby  
Red Sangiovese - Sangiovese, Brunello  
White Sauvignon Vert - Muscadelle  
White St. Emilion - Ugni Blanc, Trebbiano  
Syrah - French Syrah, Shiraz, Syrah Noir  
Tempranillo - Tinta Roriz, Valdepenas  
Touriga Nacional - Touriga  
Trousseau - Bastardo  
Vermentino - Vennentino  
White Riesling - Johannisberg Riesling,  
Riesling

The detailed **CALIFORNIA GRAPE ACREAGE REPORT, 2010 CROP** will be released April 12, 2011.

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 PDF and Excel spreadsheet.