

# California Grape Acreage Report, 2012 Summary



California Department of Food and Agriculture, California Agricultural Statistics Service

Cooperating with the USDA, National Agricultural Statistics Service, Pacific Region Office

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## RESULTS

California's 2012 grape acreage totaled 847,000 acres. Of the total grape acreage, 793,000 were bearing while 54,000 were non-bearing. The wine-type grape acreage is estimated at 546,000 acres. Of the total acres, 508,000 were bearing and 38,000 were non-bearing. Table-type grape acreage totaled 98,000 acres with 85,000 bearing and 13,000 non-bearing. Acreage of raisin-type grapes totaled 203,000 acres, of which 200,000 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.

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 to detect growers who are planting grapes for the first time.
- The detailed data reflects vine removals from about 19,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2012 prior to being pulled out. As a result, harvested acreage removed in 2012 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 our database. The mailing was made in late September 2012 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 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.

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### ESTIMATED GRAPE ACREAGE 1/

Type	2010	2011	2012	Percent Change
Raisin	213,000	209,000	203,000	-2.9
Bearing	210,000	205,000	200,000	-2.4
Non-Bearing	3,000	4,000	3,000	-25.0
Table	94,000	96,000	98,000	2.1
Bearing	85,000	85,000	85,000	NC
Non-Bearing	9,000	11,000	13,000	18.2
Wine	535,000	543,000	546,000	0.6
Bearing	497,000	506,000	508,000	0.4
Non-Bearing	38,000	37,000	38,000	2.7
All Grapes	842,000	848,000	847,000	-0.1
Bearing	792,000	796,000	793,000	-0.4
Non-Bearing	50,000	52,000	54,000	3.8

1/ Reported data with an allowance for incompleteness.

## OBJECTIVES

This office 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 our database.

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

Type	2004 and Earlier	2005	2006	2007	2008	2009	2010	2011	2012	2012			2011 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	186,337	2,914	1,542	1,129	655	1,208	644	1,135	438	193,785	2,217	196,002	200,008
Table	61,395	4,308	3,528	3,923	3,836	2,802	5,491	2,748	2,442	79,922	10,552	90,474	87,195
Wine	399,277	12,251	15,170	13,198	11,514	7,777	7,641	6,107	5,474	459,187	19,222	478,409	480,321
White	147,385	5,231	5,933	6,344	5,051	2,762	3,071	2,680	1,782	172,705	7,533	180,238	183,400
Red	251,892	7,021	9,238	6,854	6,464	5,015	4,570	3,428	3,692	286,482	11,689	298,172	296,922
Grapes													
Excl. Rootstock	647,009	19,473	20,241	18,250	16,005	11,787	13,776	9,991	8,354	732,894	31,991	764,885	767,524
Rootstock	433	13	23	23	123	155	63	109	10	0	0	951	894
All Grapes	647,442	19,486	20,263	18,273	16,128	11,942	13,839	10,099	8,364	732,894	31,991	765,836	768,418

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2010, 2011 and 2012. 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	2004 and Earlier	2005	2006	2007	2008	2009	2010	2011	2012	2012			2011 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,606	21	8	0	0	4	14	7	24	1,640	45	1,684	1,697
Dovine	584	0	7	0	0	0	0	0	10	591	10	601	609
Fiesta	10,466	1,231	401	144	115	196	55	24	75	12,554	153	12,707	12,810
Negrita Black	76	0	0	0	0	0	0	0	0	76	0	76	76
Selma Pete	724	911	411	519	345	310	365	545	148	3,219	1,058	4,277	3,872
Sultana	113	5	0	30	53	0	0	0	0	201	0	201	201
Thompson Seedless	172,362	691	569	411	138	386	210	542	156	174,558	907	175,465	179,724
Other Raisin	405	55	146	25	4	312	0	19	25	947	44	991	1,018
Total Raisin	186,337	2,914	1,542	1,129	655	1,208	644	1,135	438	193,785	2,217	196,002	200,008

\* Synonyms for variety names are shown on Page 3.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2010, 2011 and 2012. 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	2004 and Earlier	2005	2006	2007	2008	2009	2010	2011	2012	2012			2011 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Arra	315	0	0	0	14	0	0	0	10	329	10	339	329
Autumn King	0	13	78	473	646	387	968	412	230	1,617	1,590	3,206	2,522
Autumn Royal	3,716	121	149	82	146	62	64	60	58	4,275	182	4,457	4,479
Autumn Seedless	66	0	21	19	0	38	0	0	0	144	0	144	95
Beauty Seedless *	205	0	0	0	0	0	0	0	0	205	0	205	205
Black Monukka	77	0	0	0	0	0	0	0	0	77	0	77	81
Black Morocco	273	0	0	0	0	0	0	0	0	273	0	273	279
Blanc Seedless	305	0	0	72	0	0	0	0	0	377	0	377	377
Calmeria	524	51	0	8	0	0	0	0	0	583	0	583	627
Castlerock Red	0	31	0	151	0	0	0	0	0	182	0	182	182
Christmas Rose	348	0	0	0	0	0	0	0	0	348	0	348	360
Concord	91	0	0	1	8	0	0	1	0	100	1	101	103
Crimson Seedless *	11,095	918	209	202	304	352	42	0	39	13,080	81	13,161	13,315
Early Muscat	79	0	0	0	0	0	0	0	0	79	0	79	82
Early Sweet	84	0	0	0	0	0	0	0	0	84	0	84	84
Emerald Seedless *	418	0	30	15	79	0	25	0	0	542	25	567	458
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	567	0	0	0	0	0	0	0	0	567	0	567	629
Fantasy Seedless	586	60	0	0	23	16	6	0	70	685	76	761	675
Flame Seedless *	16,714	837	240	217	115	327	178	188	70	18,449	436	18,885	18,892
Flame Tokay	203	0	0	67	0	0	0	0	0	270	0	270	271
Flaming Red	112	0	0	0	0	0	0	0	0	112	0	112	112
Golden Globe	326	0	0	0	0	0	0	0	0	326	0	326	168
Italia *	52	0	0	0	0	0	0	0	0	52	0	53	52
Jade Seedless	76	0	0	0	0	0	0	0	0	76	0	76	76
Kyoho	74	0	2	0	0	0	5	0	0	76	5	81	80
Luisco	0	0	0	38	38	20	127	49	147	96	323	419	223
Marroo Seedless	101	0	0	0	0	0	0	0	0	101	0	101	107
Muscat Flame	23	20	0	0	0	37	523	0	0	80	523	603	683
Niabell	11	34	49	0	0	2	0	0	0	97	0	97	95
Nicolo	41	0	0	0	0	19	0	0	0	60	0	60	19
Perlette	1,314	0	91	0	0	0	0	0	0	1,405	0	1,405	1,508
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	1,917	319	798	138	69	67	111	37	32	3,307	180	3,487	3,361
Red Globe *	9,903	229	126	93	211	193	226	154	37	10,755	417	11,172	11,460
Regal Seedless	105	0	0	0	0	0	0	0	0	105	0	105	80
Ribier	212	0	0	0	0	0	0	0	0	212	0	212	232
Rouge	461	0	0	0	0	0	0	0	0	461	0	461	461
Royal Black Seedless	54	0	0	0	0	0	3	0	0	54	3	57	57
Ruby Seedless *	2,444	8	77	0	0	0	0	142	0	2,529	142	2,671	3,008
Scarlet	35	0	139	338	40	0	0	0	0	552	0	552	552
Scarlet Royal	0	0	422	547	1,170	364	891	373	268	2,543	1,492	4,035	3,160
Sugranineteen	154	129	162	293	0	0	0	0	0	738	0	738	742
Sugraone *	3,289	744	158	374	134	102	304	66	18	4,866	323	5,189	5,030
Sugrasixteen	67	0	0	0	0	0	18	0	0	67	18	85	85
Sugrathirteen	340	0	0	96	0	0	0	0	0	435	0	435	435
Summer Royal	355	128	175	175	32	22	17	13	18	888	47	935	939
Sweet Celebration	0	0	0	0	0	3	283	39	160	3	481	484	3
Sweet Scarlet	67	45	66	0	0	84	72	0	0	265	68	333	387
Sweet Sunshine	0	0	0	0	0	98	0	0	0	98	0	98	0
Timco	20	0	0	0	0	19	0	54	57	39	111	150	54
Vintage Red	162	3	88	19	197	135	117	213	49	604	379	983	422
90-3618	153	30	0	0	0	0	0	0	0	183	0	183	183
Other Table	3,706	588	449	504	611	458	1,511	949	1,179	6,316	3,639	9,955	9,218
<b>Total Table</b>	<b>61,395</b>	<b>4,308</b>	<b>3,528</b>	<b>3,923</b>	<b>3,836</b>	<b>2,802</b>	<b>5,491</b>	<b>2,748</b>	<b>2,442</b>	<b>79,922</b>	<b>10,552</b>	<b>90,474</b>	<b>87,195</b>

\* Synonyms for variety names are shown on Page 3.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2010, 2011 and 2012. 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	2004 and Earlier	2005	2006	2007	2008	2009	2010	2011	2012	2012			2011 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Albarino	28	8	16	48	7	62	9	0	1	169	11	180	176
Burger *	1,133	33	0	0	0	0	0	0	0	1,165	0	1,165	1,189
Catarratto	109	0	5	2	38	0	7	8	6	154	21	175	96
Chardonnay *	84,774	1,381	1,449	1,638	2,419	1,493	1,090	539	292	93,153	1,921	95,074	95,511
Chenin Blanc	5,690	167	38	29	1	12	25	81	48	5,936	154	6,090	6,888
Emerald Riesling	152	0	0	0	0	0	0	0	0	152	0	152	152
French Colombard	18,414	1,391	417	718	46	34	199	510	759	21,020	1,467	22,487	24,143
Gewurztraminer	1,178	40	282	18	7	100	0	128	0	1,624	128	1,752	1,701
Grenache Blanc	148	11	25	26	34	4	8	6	7	247	20	267	278
Gruener Veltliner	0	0	0	54	28	0	0	5	0	83	5	87	69
Malvasia Bianca	1,156	10	27	12	1	10	5	84	0	1,217	89	1,306	1,301
Marsanne	83	7	5	1	9	4	3	0	2	109	5	114	113
Muscat Blanc *	849	388	300	88	49	40	163	333	83	1,714	579	2,293	2,190
Muscat of Alexandria	2,710	160	296	9	0	123	286	396	200	3,298	882	4,180	3,842
Muscat Orange	212	30	16	20	1	10	0	24	17	289	41	329	290
Palomino *	289	0	0	0	0	0	0	0	0	289	0	289	290
Pinot Blanc	371	3	31	2	3	14	0	0	0	425	0	425	444
Pinot Gris *	7,153	417	810	1,845	1,725	524	189	97	107	12,473	393	12,866	13,292
Roussanne	207	16	28	26	28	3	11	4	3	307	18	324	367
Sauvignon Blanc	13,090	442	388	542	322	128	168	111	70	14,911	349	15,259	15,636
Sauvignon Musque	197	2	8	3	1	9	8	0	1	220	9	229	228
Semillon	754	1	32	20	10	7	3	6	0	824	9	833	897
St. Emilion *	198	0	0	0	0	0	0	0	1	198	1	199	198
Symphony	559	202	1	139	0	0	552	157	0	901	709	1,610	1,611
Tocai Friulano	117	4	0	1	0	0	0	5	0	122	5	126	126
Triplett Blanc	70	122	441	236	0	0	0	0	0	868	0	868	856
Verdelho	27	3	33	25	1	2	0	2	0	90	2	92	90
Viognier	2,120	206	319	145	110	30	28	31	12	2,930	71	3,001	3,020
White Riesling *	2,121	168	806	663	190	92	227	44	143	4,038	414	4,452	4,147
Other White Wine	3,479	20	161	36	22	60	91	110	32	3,778	233	4,011	4,260
<b>Total White Wine</b>	<b>147,385</b>	<b>5,231</b>	<b>5,933</b>	<b>6,344</b>	<b>5,051</b>	<b>2,762</b>	<b>3,071</b>	<b>2,680</b>	<b>1,782</b>	<b>172,705</b>	<b>7,533</b>	<b>180,238</b>	<b>183,400</b>

\* Synonyms for variety names are shown on Page 3.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2010, 2011 and 2012.

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

Variety	2004 and Earlier	2005	2006	2007	2008	2009	2010	2011	2012	2012			2011 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Aglianico	26	3	1	13	2	2	6	4	0	47	9	57	55
Alicante Bouschet *	926	74	24	35	14	14	0	1	3	1,088	4	1,091	1,064
Barbera	6,095	26	33	24	95	12	20	7	15	6,286	42	6,328	6,659
Cabernet Franc	2,815	125	131	95	110	56	59	32	8	3,331	98	3,429	3,430
Cabernet Sauvignon	71,472	654	843	923	1,178	1,621	1,488	758	1,693	76,691	3,939	80,630	79,290
Carignane	2,468	0	21	1	51	7	0	4	7	2,547	11	2,558	3,297
Carmenere	50	4	0	2	1	0	0	1	0	56	1	56	56
Carnelian	495	0	19	0	0	0	0	0	0	514	0	514	782
Centurian	84	0	0	0	0	0	0	0	0	84	0	84	84
Charbono	73	3	4	6	0	2	0	1	0	87	1	88	89
Cinsaut *	74	0	3	1	3	1	3	0	1	82	4	86	102
Counoise	34	3	10	1	2	1	3	2	0	50	5	56	56
Dolcetto	92	2	4	6	1	5	2	0	0	109	2	111	112
Gamay (Napa) *	276	0	1	0	0	0	0	3	10	277	13	290	311
Grenache *	5,027	395	110	144	104	67	42	60	73	5,846	174	6,020	6,351
Malbec	1,255	100	115	101	99	75	283	285	377	1,745	944	2,689	2,041
Mataro *	719	49	17	26	30	33	30	30	21	873	81	954	944
Merlot	43,255	598	787	147	77	395	76	270	83	45,260	429	45,689	45,589
Meunier *	154	9	6	13	0	22	0	0	0	204	0	204	204
Mission	633	8	0	0	0	1	0	0	0	643	0	643	657
Montepulciano	67	1	5	2	2	0	9	5	2	76	15	92	92
Muscat Hamburg *	150	41	7	8	0	2	120	321	12	208	453	661	355
Nebbiolo	143	1	4	1	1	12	2	1	0	162	3	165	166
Petit Verdot	1,613	115	83	125	123	45	75	33	16	2,103	124	2,228	2,099
Petite Sirah	6,363	359	454	338	232	212	232	272	176	7,957	680	8,637	8,335
Pinot Noir	25,181	1,330	3,813	3,316	3,184	1,224	656	515	390	38,049	1,562	39,610	39,273
Pinotage	24	4	0	1	30	0	0	0	0	58	0	58	56
Primitivo	120	2	40	50	8	22	19	7	37	242	63	305	254
Royalty	152	0	0	0	0	78	0	0	0	230	0	230	220
Rubired *	9,467	343	442	25	76	551	775	387	155	10,903	1,317	12,220	11,832
Ruby Cabernet	5,066	273	280	176	7	0	34	230	9	5,801	273	6,074	5,975
Salvador	66	0	0	0	0	0	0	0	0	66	0	66	109
Sangiovese *	1,666	16	34	17	24	74	29	29	6	1,831	63	1,894	1,881
Souzao	60	6	0	8	4	0	0	0	7	78	8	86	78
Syrah *	17,072	484	432	352	168	112	57	30	91	18,620	178	18,798	19,009
Tannat	158	4	9	61	16	4	36	6	90	252	133	384	287
Tempranillo *	649	41	87	77	7	26	32	4	2	886	39	925	929
Teroldego	65	11	3	1	0	1	1	5	0	81	6	87	80
Touriga Nacional *	116	48	79	9	1	1	4	0	0	253	4	257	229
Zinfandel	42,755	1,818	889	714	368	313	324	57	365	46,857	746	47,603	48,354
Other Red Wine	4,920	73	450	39	446	26	153	69	45	5,953	267	6,220	6,139
<b>Total Red Wine</b>	<b>251,892</b>	<b>7,021</b>	<b>9,238</b>	<b>6,854</b>	<b>6,464</b>	<b>5,015</b>	<b>4,570</b>	<b>3,428</b>	<b>3,692</b>	<b>286,482</b>	<b>11,689</b>	<b>298,172</b>	<b>296,922</b>

\* Synonyms for variety names are shown on Page 3.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2010, 2011 and 2012.

### Grape Variety Synonyms

Alicante Bouschet \*-Alicante  
Beauty Seedless \*-Black Beauty  
Black Prince \*-Rose of Peru  
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  
Gamay (Napa) \*-Gamay, Valdiguie  
Gray Riesling \*-Trousseau Gris  
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

Refosco \*-Mondeuse  
Ribolla Gialla \*-Rebolla  
Rubired \*-Tintoria  
Ruby Seedless \*-King Ruby  
Sangiovese \*-Sangiovetto, Brunello  
Sauvignon Vert \*-Muscadelle  
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

\* indicates the published name includes more than one variety name

The detailed *CALIFORNIA GRAPE ACREAGE REPORT, 2012 CROP* will be released April 16, 2013.

The entire bulletin, as well as individual tables, will be available free-of-charge at [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca)