



California Grape Acreage Report, 2015 Summary



California Department of Food and Agriculture

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

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RESULTS

California's 2015 grape acreage totaled 918,000 acres. Of the total grape acreage, 856,000 were bearing while 62,000 were non-bearing. The wine-type grape acreage is estimated at 608,000 acres. Of the total acres, 560,000 were bearing and 48,000 were non-bearing. Table-type grape acreage totaled 124,000 acres with 112,000 bearing and 12,000 non-bearing. Acreage of raisin-type grapes totaled 186,000 acres, of which 184,000 were bearing and 2,000 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.

ESTIMATED GRAPE ACREAGE 1/

Type	2013	2014	2015	Percent Change
Raisin	203,000	192,000	186,000	-3.1
Bearing	200,000	190,000	184,000	-3.2
Non-Bearing	3,000	2,000	2,000	(NC)
Table	120,000	121,000	124,000	2.5
Bearing	110,000	110,000	112,000	1.8
Non-Bearing	10,000	11,000	12,000	9.1
Wine	610,000	615,000	608,000	-1.1
Bearing	565,000	565,000	560,000	-0.9
Non-Bearing	45,000	50,000	48,000	-4.0
All Grapes	933,000	928,000	918,000	-1.1
Bearing	875,000	865,000	856,000	-1.0
Non-Bearing	58,000	63,000	62,000	-1.6

1/ Reported data with an allowance for incompleteness.
(NC) No Change

OBJECTIVES

The California Department of Food and Agriculture partners with the Pacific Regional Office of the USDA's National Agricultural Statistics Service (NASS) to conduct 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.

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.

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 8,800 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 38,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2015 prior to being pulled out. As a result, harvested acreage removed in 2015 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 from our database. The mailing was made in late November 2015 to approximately 8,800 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 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.

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

Type	2007 and Earlier	2008	2009	2010	2011	2012	2013	2014	2015	2015			2014 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	164,014	640	1,108	656	1,022	1,277	359	579	493	168,717	1,430	170,148	185,391
Table	60,781	4,377	3,279	5,414	4,326	4,624	2,529	4,081	3,461	82,928	9,942	92,870	89,777
Wine	409,734	12,856	8,898	10,772	8,314	13,456	12,767	11,010	4,894	464,029	28,671	492,701	496,313
White	150,552	5,528	3,624	4,926	4,019	5,447	4,341	4,025	1,508	174,095	9,873	183,968	185,857
Red	259,182	7,328	5,274	5,846	4,296	8,009	8,426	6,986	3,387	289,935	18,798	308,733	310,456
Grapes													
Excluding Rootstock	634,528	17,873	13,285	16,841	13,662	19,357	15,654	15,670	8,848	715,674	40,044	755,718	771,481
Rootstock	325	91	147	64	82	12	94	111	31	0	0	958	996
All Grapes	634,854	17,964	13,432	16,905	13,744	19,369	15,748	15,781	8,879	715,674	40,044	756,677	772,476

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2013, 2014 and 2015. 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	2007 and Earlier	2008	2009	2010	2011	2012	2013	2014	2015	2015			2014 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,516	0	4	14	7	61	0	0	0	1,601	0	1,601	1,720
Dovine	544	0	0	0	0	18	0	0	0	562	0	562	566
Fiesta	11,271	76	196	62	24	648	12	168	111	12,276	290	12,566	12,227
Selma Pete	2,418	391	323	364	539	318	232	224	168	4,352	624	4,977	4,503
Sultana	127	0	0	0	0	0	0	0	0	127	0	127	140
Thompson Seedless	147,605	169	386	216	453	227	84	26	214	149,055	324	149,379	165,313
Other Raisin	533	4	200	0	1	6	31	161	0	744	192	936	922
Total Raisin	164,014	640	1,108	656	1,022	1,277	359	579	493	168,717	1,430	170,148	185,391

* Synonyms for variety names are shown on Page 5.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2013, 2014 and 2015. 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	2007 and Earlier	2008	2009	2010	2011	2012	2013	2014	2015	2015			2014 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Allison	51	0	0	0	184	72	0	35	523	307	557	864	0
Arra	326	14	0	0	0	10	54	48	0	350	102	452	349
Autumn King	779	691	575	1,144	783	707	154	432	123	4,678	709	5,386	4,393
Autumn Royal	3,539	96	62	63	118	208	127	266	68	4,087	461	4,548	4,413
Autumn Seedless	67	40	38	0	0	0	0	0	0	145	0	145	125
Beauty Seedless *	194	0	0	0	0	0	2	0	0	194	2	196	196
Big Green	0	0	0	0	0	0	75	0	0	0	75	75	0
Black Monukka	55	0	0	0	0	0	0	0	0	55	0	55	63
Black Morocco	271	0	0	0	0	0	0	0	0	271	0	271	271
Blanc Seedless	308	0	0	0	0	0	0	15	80	308	95	403	377
Calmeria	466	0	0	0	0	0	0	0	15	466	15	482	518
Castlerock Red	182	0	0	0	0	0	0	0	0	182	0	182	182
Christmas Rose	100	0	0	0	0	0	0	0	0	100	0	100	159
Concord	107	8	0	0	2	1	2	0	0	118	2	120	121
Cotton Candy	0	0	0	0	0	37	0	0	17	37	17	54	37
Crimson Seedless *	9,235	432	263	43	34	232	109	75	140	10,240	324	10,564	11,360
Early Muscat	79	0	0	0	0	0	0	0	0	79	0	79	79
Early Sweet	84	0	0	0	0	0	0	0	0	84	0	84	84
Emerald Seedless *	286	19	33	25	0	40	0	15	0	403	15	418	487
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	458	0	0	0	0	0	0	0	0	458	0	458	478
Fantasy Seedless	561	0	0	6	0	70	0	0	0	636	0	636	720
Flame Seedless *	14,709	181	405	165	277	195	195	268	136	15,984	546	16,530	17,260
Flame Tokay	176	0	0	0	0	0	0	0	0	176	0	176	216
Flaming Red	52	0	0	0	0	0	0	0	0	52	0	52	94
Golden Globe	306	0	0	0	0	0	0	0	0	306	0	306	308
Grape King	0	43	0	0	0	0	0	16	0	43	16	59	59
Great Green	48	55	0	0	0	0	0	70	69	103	139	242	0
Imperial Cardinal	0	0	0	0	0	0	112	0	0	0	112	112	112
Jacks Salute	0	0	0	0	207	0	0	0	0	207	0	207	0
Jade Seedless	76	0	0	0	0	0	0	0	0	76	0	76	76
Jubilee	0	0	0	0	0	0	13	90	72	0	175	175	26
Krissy	0	0	0	0	0	0	94	0	28	0	122	122	94
Luisco	94	38	20	126	93	147	38	0	0	518	38	556	570
Morning Red	30	0	0	0	0	0	0	0	22	30	22	53	0
Muscat Flame	93	0	37	0	0	0	25	0	0	130	25	155	607
Niabell	61	0	2	0	0	0	0	0	0	63	0	63	63
Nicolo	0	0	19	0	0	41	20	0	20	60	40	100	80
Olivette Blanche *	8	0	0	15	0	36	0	0	0	59	0	59	59
Perlette	948	0	0	0	0	0	0	0	0	948	0	948	1,003
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	2,541	142	44	43	21	32	48	0	0	2,824	48	2,872	3,364
Pristine	295	0	67	12	0	39	0	39	0	413	39	451	257
Raspberry Lemonade	0	0	0	0	0	0	0	0	60	0	60	60	0
Red Globe *	8,195	121	187	230	252	135	62	463	0	9,119	525	9,644	10,667
Red Rocket	0	0	0	0	0	0	0	0	120	0	120	120	0
Ribier	176	0	0	0	0	0	0	8	0	176	8	184	196
Rouge	240	0	0	0	0	0	0	0	0	240	0	240	461
Royal Black Seedless	54	0	0	3	0	0	0	0	0	57	0	57	57
Ruby Seedless *	1,871	0	0	2	142	0	0	0	18	2,015	18	2,033	2,357
Scarlet	623	20	35	2	0	0	67	0	45	680	111	791	768
Scarlet Royal	1,314	1,562	451	919	600	521	374	628	338	5,379	1,327	6,706	5,290
Sheegene 21	20	22	0	0	0	0	54	200	337	70	563	632	144
Sugranineteen	647	0	0	0	0	0	0	0	0	647	0	647	647
Sugraone *	3,921	134	172	371	75	88	114	59	173	4,786	322	5,108	4,731
Sugrasixteen	67	0	0	0	0	0	0	0	0	67	0	67	85
Sugrathirteen	430	0	0	0	0	0	0	0	7	430	7	437	430
Summer Crunch	0	0	0	0	0	0	0	0	74	0	74	74	0
Summer Royal	816	31	22	15	13	57	23	10	67	954	100	1,054	965
Sweet Celebration	10	0	77	293	52	423	36	37	0	856	74	929	747
Sweet Globe	0	0	0	0	0	0	0	0	78	0	78	78	0
Sweet Jubilee	0	0	0	0	0	0	0	83	0	0	83	83	0
Sweet Sapphire	0	0	0	0	0	0	34	72	120	0	226	226	72
Sweet Scarlet	141	36	164	203	93	0	35	68	16	636	119	755	371
Sweet Sunshine	0	0	98	0	0	0	0	0	0	98	0	98	98
Thomcord	23	0	0	14	12	5	30	5	4	54	39	93	71
Timco	20	0	19	13	175	106	96	97	64	332	256	588	351
Tudor	11	0	0	0	0	0	40	0	0	11	40	51	51
Vintage Red	218	77	135	120	402	97	246	109	72	1,049	427	1,475	1,583
90-3618	183	0	72	0	0	0	0	0	0	255	0	255	255
Other Table	5,062	616	282	1,586	790	1,326	251	876	556	9,673	1,673	11,346	10,566
Total Table	60,781	4,377	3,279	5,414	4,326	4,624	2,529	4,081	3,461	82,928	9,942	92,870	89,777

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2013, 2014 and 2015. 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	2007 and Earlier	2008	2009	2010	2011	2012	2013	2014	2015	2015			2014 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Albarino	140	14	64	15	20	1	0	17	10	253	27	280	247
Burger *	978	0	0	0	0	0	0	0	0	978	0	978	978
Catarratto	99	25	0	0	0	0	0	2	0	124	2	126	150
Chardonnay *	84,284	2,623	1,943	1,801	947	1,036	1,951	1,607	629	92,634	4,186	96,819	97,826
Chenin Blanc	4,590	1	12	25	81	84	27	319	6	4,793	352	5,144	5,183
Emerald Riesling	51	0	0	0	0	0	0	0	0	51	0	51	54
French Colombard	16,727	46	34	507	513	1,920	617	315	5	19,746	937	20,683	22,062
Gewurztraminer	1,114	5	100	7	139	232	24	8	4	1,597	35	1,632	1,984
Grenache Blanc	181	26	10	15	12	17	54	12	5	261	71	333	319
Gruener Veltliner	80	28	2	26	9	3	1	0	0	149	2	151	149
Hungarian Millenium	0	0	0	0	0	0	0	0	80	0	80	80	0
Malvasia Bianca	1,100	0	2	2	84	1	1	0	0	1,190	1	1,191	1,273
Marsanne	102	10	3	5	0	3	2	4	2	123	8	131	126
Moscato Gaillo *	1	0	0	0	0	150	0	0	0	151	0	151	151
Muscat Blanc *	1,672	50	43	236	295	534	305	48	0	2,830	353	3,183	3,011
Muscat of Alexandria	2,273	0	103	949	1,026	560	218	9	0	4,911	227	5,137	4,867
Muscat Orange	235	1	10	0	49	79	8	3	0	374	11	385	385
Palomino *	173	0	0	0	0	0	0	0	0	173	0	173	213
Pinot Blanc	334	3	60	0	7	3	0	0	0	408	0	408	422
Pinot Gris *	9,697	1,998	925	190	45	187	687	1,454	593	13,043	2,734	15,777	15,009
Roussanne	268	30	5	14	7	3	2	5	13	326	20	347	345
Sauvignon Blanc	13,750	323	143	172	211	226	169	76	134	14,824	379	15,203	15,185
Sauvignon Musque	231	1	11	7	73	1	0	0	0	324	0	324	323
Sauvignon Vert *	16	0	0	0	40	0	0	0	0	56	0	56	56
Semillon	711	10	7	3	14	1	2	7	0	746	9	755	848
St. Emilion *	198	0	0	0	0	2	0	0	0	200	0	200	201
Symphony	796	0	0	570	232	0	0	0	0	1,598	0	1,598	1,687
Tocai Friulano	48	0	0	0	4	0	0	0	0	53	0	53	116
Triplet Blanc	1,016	0	0	0	0	0	4	0	0	1,016	4	1,020	948
Verdelho	88	2	1	0	5	16	9	35	0	113	44	157	157
Vermentino *	12	4	1	8	0	15	7	20	12	39	38	77	66
Viognier	2,629	123	75	25	35	18	19	38	7	2,905	64	2,969	3,042
White Riesling *	3,264	176	54	265	57	342	158	18	2	4,158	178	4,336	4,538
Other White Wine	3,691	30	14	85	114	15	77	29	8	3,948	113	4,061	3,937
Total White Wine	150,552	5,528	3,624	4,926	4,019	5,447	4,341	4,025	1,508	174,095	9,873	183,968	185,857

* Synonyms for variety names are shown on Page 5.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2013, 2014 and 2015. 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	2007 and Earlier	2008	2009	2010	2011	2012	2013	2014	2015	2015			2014 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Aglianico	40	4	2	7	4	0	3	1	1	58	4	62	63
Alicante Bouschet *	770	16	14	0	1	139	1	14	4	941	19	960	1,081
Barbera	5,000	96	11	24	16	94	92	73	11	5,240	176	5,416	5,964
Cabernet Franc	2,984	110	58	77	40	54	64	223	46	3,323	332	3,655	3,584
Cabernet Sauvignon	72,487	1,349	1,892	1,594	1,280	3,642	3,605	2,307	1,542	82,243	7,455	89,697	87,972
Carignane	2,322	48	7	1	4	301	7	4	0	2,683	10	2,693	2,773
Carmenere	57	1	0	1	0	0	13	1	2	59	15	74	72
Carnelian	305	0	0	0	0	0	0	0	0	305	0	305	369
Centurian	82	0	0	0	0	0	0	0	0	82	0	82	82
Charbono	72	0	2	0	1	0	0	0	0	75	0	75	90
Cinsaut *	59	3	1	4	0	2	2	1	1	69	4	73	84
Counoise	41	3	1	3	4	0	0	0	1	52	1	53	54
Dolcetto	98	2	3	4	0	0	0	0	0	106	0	106	112
Dornfelder	47	1	0	0	19	0	0	0	0	67	0	68	67
Gamay (Napa) *	268	0	0	0	0	36	0	0	0	304	0	304	324
Grenache *	4,770	110	90	34	92	199	61	36	44	5,294	141	5,435	5,909
Malbec	1,524	140	66	501	451	614	168	197	18	3,295	383	3,678	3,677
Mataro *	838	29	40	30	38	24	10	18	8	999	35	1,034	1,047
Merlot	40,816	149	441	337	438	192	413	380	72	42,373	865	43,239	44,460
Meunier *	145	2	13	0	8	21	1	0	1	189	2	192	205
Mission	450	0	3	41	0	0	1	0	1	494	1	495	635
Montepulciano	71	2	0	8	0	2	8	15	0	84	24	108	108
Muscat Hamburg *	205	0	2	17	0	57	0	0	0	281	0	281	462
Nebbiolo	133	1	12	3	6	0	1	0	7	155	8	162	157
Petit Verdot	1,900	120	57	192	154	88	140	48	105	2,510	293	2,803	2,616
Petite Sirah	7,393	240	188	366	449	425	385	530	264	9,059	1,179	10,238	9,974
Pinot Noir	32,776	3,600	1,174	793	621	868	1,492	1,957	747	39,831	4,196	44,027	42,812
Pinotage	20	30	0	0	0	0	0	0	0	51	0	51	53
Primitivo	337	23	26	24	8	168	520	54	13	586	588	1,174	985
Royalty	152	0	78	0	0	0	0	0	0	230	0	230	230
Rubired *	9,405	390	540	1,039	362	188	127	281	121	11,924	529	12,453	12,633
Ruby Cabernet	4,936	7	0	114	0	121	0	64	77	5,177	141	5,318	5,719
Sangiovese *	1,599	29	67	36	31	16	5	11	4	1,777	20	1,797	1,838
Souzao	75	4	0	0	0	7	2	0	0	87	2	89	90
Syrah *	17,175	194	60	79	60	90	130	245	30	17,658	405	18,063	18,476
Tannat	232	18	4	77	6	154	36	19	3	492	58	550	546
Tempranillo *	781	9	41	35	5	15	36	14	15	886	66	951	973
Teroldego	79	0	1	2	5	0	39	180	0	87	218	306	292
Touriga Nacional *	249	1	1	2	0	0	1	2	1	252	4	256	258
Zinfandel	43,444	480	350	248	117	447	986	274	64	45,087	1,324	46,411	47,827
Other Red Wine	5,046	118	33	155	75	45	78	35	186	5,471	299	5,771	5,786
Total Red Wine	259,182	7,328	5,274	5,846	4,296	8,009	8,426	6,986	3,387	289,935	18,798	308,733	310,456

* Synonyms for variety names are shown on Page 5.

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2/ Non-bearing years are 2013, 2014 and 2015. 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 Italia	Refosco *-Mondeuse
Beauty Seedless *-Black Beauty	Malaga *-White Malaga	Ribolla Gialla *-Rebolla
Black Corinth * -Zante Currant	Marechal Foch * -Foch	Rubired *-Tintoria
Black Prince *-Rose of Peru	Mataro *-Mourvedre	Ruby Seedless *-King Ruby
Blaufraenkisch *-Lemberger	Meunier *-Pinot Meunier	Sangiovese *-Sangiovese, Brunello
Burger *-Monbadon	Moscato Gaillo *-Muscat Yellow	Sauvignon Vert *-Muscadelle
Chardonnay *-Pinot	Muscat Blanc *-Muscat Canelli,	St. Emilion *-Ugni Blanc, Trebbiano
Chardonnay, Chardonnay	Muscat Blanc A Petits	Syrah *-French Syrah, Shiraz, Syrah
Musque	Grains	Noir
Cinsaut *-Black Malvoisie,	Muscat Hamburg *-Black Muscat	Tempranillo *-Tinta Roriz,
Black Malvasia	Negrette *-Pinot St. George	Valdepenas
Crimson Seedless *-Red	Nero D'Avola *-Calabrese	Touriga Nacional *-Touriga
Crimson	Olivette Blanche * -Lady Finger	Trousseau *-Bastardo
Emerald Seedless *-Black	Palomino *-Golden Chasselas	Vermentino *-Vennentino
Seedless	Pinot Gris *-Pinot Grigio	White Riesling *- Riesling,
Flame Seedless *-Red Flame	Portugieser Blauer * -Blue	Johannisberg Riesling
Gamay (Napa) *-Gamay,	Portugues	
Valdiguie	Princess *-Melissa	
Gray Riesling *-Trousseau Gris	Red Globe *-Rose Ito	
Grenache *-Grenache Noir		

* indicates the published name includes more than one variety name

The detailed *CALIFORNIA GRAPE ACREAGE REPORT, 2015 CROP* entire bulletin,
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