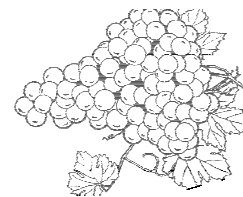


# 2003 California Grape Acreage Report



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CALIFORNIA AGRICULTURAL  
STATISTICS SERVICE

## RESULTS

California's 2003 grape acreage is estimated by the California Agricultural Statistics Service (CASS) at 882,000 acres. Of the total acres, 819,000 were bearing and 63,000 were non-bearing. The breakdown by type is as follows: Raisin type totaled 260,000 acres with 255,000 bearing and 5,000 non-bearing; Table type totaled 93,000 acres with 85,000 bearing and 8,000 non-bearing; Wine type totaled 529,000 acres with 479,000 bearing and 50,000 non-bearing.

The Thompson Seedless variety -- used for raisins, fresh market, concentrate, and wine -- continues to be, by far, the leading grape planted in California. Flame Seedless is the leading table type grape. Leading wine varieties are Chardonnay and Cabernet Sauvignon.

ESTIMATED GRAPE ACREAGE 1/

Type	2001	2002	2003	Percent Change
Raisin	283,000	279,000	260,000	-6.8
Bearing	276,000	273,000	255,000	-6.6
Non-Bearing	7,000	6,000	5,000	-16.7
Table	98,000	97,000	93,000	-4.1
Bearing	88,000	88,000	85,000	-3.4
Non-Bearing	10,000	9,000	8,000	-11.1
Wine	570,000	556,000	529,000	-4.9
Bearing	480,000	486,000	479,000	-1.4
Non-Bearing	90,000	70,000	50,000	-28.6
All Grapes	951,000	932,000	882,000	-5.4
Bearing	844,000	847,000	819,000	-3.3
Non-Bearing	107,000	85,000	63,000	-25.9

1/ Reported data with an allowance for incompleteness.

## OBJECTIVES

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, year planted, and county -- as voluntarily reported by grape growers and maintained in CASS' 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 census of approximately 10,000 grape growers is unlikely to ever attain 100 percent completeness.
- ▶ It is extremely difficult for a small staff in Sacramento to detect growers that are planting grapes for the first time.

- ▶ The detailed data reflects vine removals from more than 41,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2003 prior to being pulled out, and that acreage has already been removed from the detailed data.

## PROCEDURES

The major source of the grape detailed data was a questionnaire mailed to all grape growers included on CASS' data base. The mailing was made in late December 2003 to approximately 10,000 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 or telephone.

To arrive at the estimated grape acreage, the CASS 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. The raisin industry did not fund the acreage survey this year so the raisin variety data are not included in this report.

Appreciation is due the following office staff for the hundreds of hours spent phoning and processing survey information: Jeff Olson (Agricultural Statistician), Pam Benner, Regina Claypoole, Carol Cole, Pearl Gonzalez, Ann Jehn, Janell McAllister, Susan Novak, Lupe Oropeza, Jeremiah Rhine, Cordia Weems and Sheryl Zazzi.

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

Variety	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2003			2002 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	238,097	2,349	2,816	2,177	2,323	2,606	1,337	830	900	250,368	3,066	253,434	265,844
Table	58,541	4,838	4,772	5,110	2,596	3,382	2,609	1,992	1,379	79,314	5,905	85,219	89,004
Wine	259,525	37,117	45,291	37,823	31,696	26,081	18,035	10,380	6,499	437,532	34,913	472,445	481,266
White	116,979	13,477	16,425	11,188	9,525	6,450	4,566	3,666	3,097	174,044	11,328	185,372	190,594
Red	142,546	23,640	28,866	26,635	22,171	19,631	13,469	6,714	3,402	263,488	23,585	287,074	290,673
Grapes, Excluding Rootstock	556,163	44,304	52,879	45,110	36,615	32,069	21,980	13,201	8,777	767,214	43,884	811,098	836,114
Rootstock	74	6	17	63	36	4	43	40	27	0	0	311	963
All Grapes	556,237	44,310	52,896	45,173	36,651	32,073	22,023	13,241	8,804	767,214	43,884	811,409	837,077

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2001, 2002, and 2003. 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**

Variety	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2003			2002 Total
										Bearing	Non-Bearing 1/	Total	
Acres													
RAISIN VARIETAL DATA ARE NOT AVAILABLE THIS YEAR DUE TO LACK OF FUNDING.													
Total Raisin	238,097	2,349	2,816	2,177	2,323	2,606	1,337	830	900	250,368	3,066	253,434	265,844

1/ Non-bearing years are 2001, 2002, and 2003. 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	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2003			2002 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Autumn Royal	55	119	29	303	394	396	817	508	355	1,296	1,680	2,975	2,328
Autumn Seedless	52	0	9	39	5	7	2	0	0	111	2	113	113
Beauty Seedless *	345	0	18	8	20	34	0	0	0	425	0	425	454
Black Emerald	0	9	0	63	0	19	3	0	6	91	9	100	95
Black Monukka	298	0	0	0	0	0	0	0	0	298	0	298	325
Calmeria	1,017	39	10	347	36	30	68	4	24	1,478	96	1,574	1,612
Cardinal	109	0	27	8	0	0	0	0	0	144	0	144	164
Christmas Rose	827	20	9	0	3	0	0	0	0	858	0	858	1,017
Early Muscat	144	3	0	0	0	0	0	0	0	147	0	147	147
Emerald Seedless *	556	8	24	33	50	5	0	0	0	675	0	675	781
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	123
Emperor	2,051	0	0	0	0	0	0	0	0	2,051	0	2,051	2,254
Exotic	276	0	0	16	0	0	0	0	0	292	0	292	312
Fantasy Seedless	596	10	39	51	40	10	0	0	12	747	12	759	780
Flame Seedless *	22,198	334	588	533	222	141	81	406	203	24,020	684	24,704	25,812
Flame Tokay	966	0	10	0	0	28	0	0	0	1,003	0	1,003	1,319
Flaming Red	182	0	0	0	0	0	0	0	0	182	0	182	182
Italia *	173	0	0	0	0	0	0	0	1	173	1	174	192
Jade Seedless	150	0	0	46	38	0	0	0	0	234	0	234	196
Kyoho	58	7	0	0	5	2	0	6	0	72	6	79	72
Late Seedless	61	0	0	0	0	0	0	0	0	61	0	61	61
Malaga *	345	0	14	0	0	0	0	0	0	359	0	359	382
Marroo	215	22	0	0	0	0	0	0	0	238	0	238	250
Muscat Flame	0	0	0	0	30	0	15	0	13	31	28	59	54
Niabell	115	2	0	7	0	0	0	4	0	124	4	128	251
Perlette	3,238	0	122	70	0	68	0	0	10	3,497	10	3,507	4,191
Prima Black Seedless	159	0	0	0	0	0	0	0	0	159	0	159	159
Princess	12	0	0	19	226	723	243	87	20	1,005	325	1,329	1,183
Queen	91	0	0	0	0	0	0	6	0	91	6	97	97
Red Crimson *	4,370	1,859	1,389	2,248	1,228	1,257	750	627	322	12,351	1,699	14,050	13,181
Red Globe *	9,776	2,116	1,655	429	133	50	156	201	172	14,159	530	14,689	15,679
Ribier	438	37	0	0	0	0	0	0	59	475	59	534	722
Rouge	481	0	0	0	0	0	0	0	0	481	0	481	481
Ruby Imperial	129	0	0	0	0	0	0	0	0	129	0	129	132
Ruby Seedless *	5,042	63	103	51	63	1	13	2	4	5,323	19	5,341	6,026
Sugranineteen	0	0	0	0	0	0	18	0	68	0	86	86	18
Sugraone *	2,691	52	114	66	8	101	44	0	0	3,075	0	3,075	3,186
Sugrathirteen	25	22	0	107	0	39	35	0	0	193	35	228	228
Summer Royal	0	0	0	4	0	19	27	3	18	24	48	72	76
Other Table	1,221	117	614	663	96	453	336	139	92	3,164	567	3,731	4,371
Total Table	58,541	4,838	4,772	5,110	2,596	3,382	2,609	1,992	1,379	79,314	5,905	85,219	89,004

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2001, 2002, and 2003. 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	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2003			2002 Total
										Bearing	Non-Bearing <u>2/</u>	Total	
Acres													
Burger *	716	24	473	174	24	11	0	0	79	1,421	79	1,500	1,489
Catarratto	0	0	14	12	0	17	0	27	0	43	27	70	28
Chardonnay *	53,228	11,258	11,541	7,494	6,103	4,539	1,850	884	783	94,164	3,517	97,680	98,743
Chenin Blanc	12,658	96	346	231	20	19	0	34	14	13,369	48	13,416	15,799
Emerald Riesling	267	0	0	0	0	0	0	0	0	267	0	267	269
French Colombard	31,325	250	5	13	100	125	0	2	44	31,819	46	31,865	35,173
Gewurztraminer	832	30	332	94	12	4	4	17	33	1,305	53	1,358	1,547
Grenache Blanc	7	1	0	32	0	16	2	4	2	56	8	64	63
Malvasia Bianca *	1,616	93	6	30	25	9	0	42	36	1,779	78	1,857	2,231
Marsanne	39	0	7	7	1	5	7	5	0	57	11	68	62
Muscat Blanc *	638	53	26	61	62	73	24	11	23	912	58	970	932
Muscat of Alexandria	3,213	9	13	75	241	223	1	0	0	3,774	1	3,775	4,403
Muscat Orange	83	8	13	31	6	14	0	2	7	155	9	163	164
Palomino *	573	50	0	0	0	0	0	0	0	623	0	623	659
Pinot Blanc	461	14	37	22	23	9	41	10	9	566	60	627	724
Pinot Gris *	590	267	363	274	520	581	1,163	949	1,200	2,596	3,313	5,908	4,045
Roussanne	18	4	22	30	30	36	24	12	0	140	36	176	177
Sauvignon Blanc	7,122	680	1,677	1,862	653	496	1,091	1,045	683	12,489	2,818	15,308	14,539
Sauvignon Musque	41	25	26	38	23	0	7	1	23	153	31	184	149
Semillon	610	105	251	71	45	17	41	114	2	1,098	157	1,255	1,322
St. Emillion *	274	0	0	0	0	0	0	0	0	275	0	275	312
Symphony	372	74	121	15	0	0	30	0	0	582	30	612	597
Tocai Friulano	110	1	0	3	4	7	0	2	0	126	3	128	128
Viognier	547	212	522	223	141	141	136	95	73	1,785	303	2,089	2,001
White Riesling *	1,399	31	11	70	133	21	18	88	73	1,665	179	1,844	1,846
Other White Wine	239	192	619	329	1,360	88	128	322	14	2,827	464	3,291	3,191
<b>Total White Wine</b>	<b>116,979</b>	<b>13,477</b>	<b>16,425</b>	<b>11,188</b>	<b>9,525</b>	<b>6,450</b>	<b>4,566</b>	<b>3,666</b>	<b>3,097</b>	<b>174,044</b>	<b>11,328</b>	<b>185,372</b>	<b>190,594</b>

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2001, 2002, and 2003. 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	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2003			2002 Total
										Bearing	Non-Bearing <u>2/</u>	Total	
Acres													
Alicante Bouschet *	755	1	120	106	62	23	3	0	5	1,066	8	1,074	1,309
Barbera	8,164	144	82	260	60	62	63	13	4	8,771	80	8,851	9,926
Cabernet Franc	1,435	179	380	546	237	320	238	125	86	3,097	450	3,547	3,527
Cabernet Sauvignon	27,385	6,224	9,834	9,281	8,098	7,482	4,159	2,035	655	68,306	6,848	75,154	75,994
Carignane	5,033	36	19	21	8	12	1	2	1	5,129	3	5,132	6,042
Carmelian	882	483	112	160	0	0	0	0	0	1,637	0	1,637	1,657
Centurian	236	0	0	0	68	0	0	0	0	305	0	305	305
Charbono	40	2	1	1	15	16	0	5	1	74	6	81	86
Cinsaut *	57	0	4	15	24	8	33	1	2	108	36	144	155
Counoise	5	0	0	30	2	7	4	2	1	44	7	51	49
Dolcetto	47	1	18	14	0	2	4	0	4	81	8	89	93
Gamay (Napa) *	474	0	32	11	5	0	0	17	0	522	17	539	637
Gamay Beaujolais	362	0	0	28	0	13	0	0	0	403	0	403	447
Grenache *	7,057	378	524	306	127	98	130	41	8	8,489	179	8,668	9,694
Lagrein	60	0	12	0	0	13	0	0	0	85	0	86	26
Lambrusco	103	0	0	0	0	0	0	0	0	103	0	103	103
Malbec	161	56	83	300	109	154	131	36	36	862	203	1,065	993
Mataro *	288	17	31	63	34	82	83	30	16	515	129	644	653
Merlot	26,605	8,375	4,963	3,956	2,697	2,126	1,833	1,044	375	48,721	3,252	51,973	52,190
Meunier *	163	8	1	21	0	1	0	11	2	194	13	207	211
Mission	447	0	15	112	80	0	0	2	0	654	2	656	726
Nebbiolo	113	8	13	12	17	4	3	4	4	166	12	177	187
Petit Verdot	144	68	72	124	115	203	161	115	95	725	371	1,096	887
Petite Sirah	1,738	212	384	445	638	499	498	327	425	3,916	1,250	5,166	4,398
Pinot Noir	6,096	1,551	2,946	2,666	2,949	3,887	2,731	820	305	20,093	3,856	23,950	23,879
Primitivo	18	6	40	40	7	23	38	35	33	135	105	240	217
Royalty	479	0	0	0	0	1	0	0	0	480	0	480	548
Rubired *	7,039	437	496	1,568	1,991	711	224	0	0	12,242	224	12,467	13,208
Ruby Cabernet	4,972	237	766	919	374	140	40	24	0	7,408	64	7,472	8,098
Salvador	554	0	0	0	0	0	0	0	0	555	0	555	659
Sangiovese *	881	363	522	278	133	77	85	10	254	2,254	349	2,603	2,727
Souzao	16	0	5	1	25	1	2	0	1	48	3	51	44
Syrah *	2,206	1,156	3,515	2,830	2,468	2,504	1,450	711	301	14,680	2,461	17,140	16,054
Tempranillo *	380	40	126	21	34	72	51	33	11	672	95	767	763
Touriga Nacional *	19	0	0	0	17	9	25	10	1	45	36	81	66
Zinfandel	37,032	3,610	3,431	1,647	956	978	1,043	926	575	47,655	2,544	50,199	50,381
Other Red Wine	1,100	49	320	854	819	106	438	336	201	3,247	975	4,222	3,736
<b>Total Red Wine</b>	<b>142,546</b>	<b>23,640</b>	<b>28,866</b>	<b>26,635</b>	<b>22,171</b>	<b>19,631</b>	<b>13,469</b>	<b>6,714</b>	<b>3,402</b>	<b>263,488</b>	<b>23,585</b>	<b>287,074</b>	<b>290,673</b>

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

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2001, 2002, and 2003. 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  
Burger -- Monbadon  
Chardonnay -- Pinot Chardonnay  
Cinsault or Cinsaut -- Black  
Malvoisie, Black Malvasia  
Emerald Seedless -- Black Seedless  
Flame Seedless -- Red Flame  
Gamay (Napa) -- Gamay, Valdiguie  
Grenache -- Grenache Noir  
Italia -- Muscat Italia

Malaga -- White Malaga  
Malvasia Bianca -- Vennentino, Vermintino  
Mataro -- Mourvedre  
Meunier -- Pinot Meunier  
Muscat Blanc -- Muscat Canelli, Muscat Blanc  
A Petits Grains  
Palomino -- Golden Chasselas  
Pinot Gris -- Pinot Grigio  
Red Crimson -- Crimson Seedless  
Red Globe -- Rose Ito  
Rubired -- Tintoria

Ruby Seedless -- King Ruby  
Sangiovese -- Sangiovetto, Brunello  
St. Emilion -- Ugni Blanc, Trebbiano  
Sugraone -- Superior Seedless  
Syrah -- Syrah Noir, French Syrah, Shiraz  
Tempranillo -- Valdepenas, Tinta Roriz  
Touriga Nacional -- Touriga  
White Riesling -- Johannisberg Riesling,  
Riesling

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