

CALIFORNIA GRAPE ACREAGE

2007 CROP



April 2008

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
SACRAMENTO, CALIFORNIA

MAP AND DEFINITIONS OF CALIFORNIA GRAPE PRICING DISTRICTS



1. Mendocino County
2. Lake County
3. Sonoma and Marin Counties
4. Napa County
5. Solano County
6. Alameda, Contra Costa, Santa Clara, San Francisco, San Mateo, and Santa Cruz Counties
7. Monterey and San Benito Counties
8. San Luis Obispo, Santa Barbara and Ventura Counties
9. Tehama, Glenn, Butte, Yuba, Sutter, and Sacramento Counties
10. Nevada, Placer, El Dorado, Amador, Calaveras, Tuolumne and Mariposa Counties
11. San Joaquin County north of State Highway 4; and Sacramento County north of U.S. 50 and east of Interstate 5
12. San Joaquin County south of State Highway 4; Stanislaus and Merced Counties
13. Madera, Fresno, Alpine, Mono, Inyo Counties; and Kings and Tulare Counties north of Nevada Avenue (Avenue 192)
14. Kings and Tulare Counties south of Nevada Avenue (Avenue 192); and Kern County
15. Los Angeles and San Bernardino Counties
16. Orange, Riverside, San Diego, and Imperial Counties
17. Yolo County south of Interstate 80 from the Solano County line to the Junction of Interstate 80 and U.S. 50 and south of U.S. 50 and Sacramento County south of U.S. 50 and west of Interstate 5

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SURVEY METHODS

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' 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 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 2007 prior to being pulled out. As a result, harvested acreage removed in 2007 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' data base. The mailing was made in late September 2007 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 data base was compared with data provided from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation.

DATA CLARIFICATIONS

Bearing and Non-bearing Acreage: For purposes of this publication, all varieties are considered non-bearing for three years (i.e., acres planted in 2005 would not be bearing until 2008). The only exceptions are the Thompson Seedless variety and all table type grapes in Imperial and Riverside counties, which are of bearing age after one year.

Grafting: Graftings on bearing acres are recorded as planted in the previous year (i.e., Chardonnay grafted in 2005 onto a 1981 variety is recorded as planted in 2004). This assumes that grafted vines will actually bear a full crop in two years as opposed to three years for a newly planted vine.

Varieties: Data are provided for each variety with 50 or more total acres standing in 2007. Acreage for all other varieties are combined in "Other" categories. Care was taken to properly identify each block reported with a recognized varietal name.

Rootstock: Most of the rootstock shown was planted in the past three years. However, some earlier plantings are included. When rootstock was budded over, the year of planting assigned to that block of grapes was the year preceding the budding. For instance, if a 2003 rootstock planting was budded over in 2005, the year of planting assigned to the selected variety was 2004. (See Grafting.) Nursery rootstock is not included.

Period Covered: The primary intent of the 2007 survey was to record removals of grapes since the 2006 harvest and new planting of grapes during 2007. Acreage abandoned in 2007 was excluded from bearing acreage. Planting activity is accounted for on a calendar-year basis.

Grape Crush Districts: Grape acreage data is also being published by grape crush districts (Table 10). A map with descriptions of those districts is located on the inside front cover.

RESULTS

California's 2007 wine-type grape acreage is estimated at 523,000 acres. Of the total acres, 480,000 were bearing and 43,000 were non-bearing. Table-type grape acreage totaled 92,000 acres with 82,000 bearing and 10,000 non-bearing. Acreage of raisin-type grapes totaled 233,000 acres, of which 227,000 were bearing and 6,000 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	2005	2006	2007	Percent Change
Raisin	246,000	240,000	233,000	-2.9
Bearing	240,000	234,000	227,000	-3.0
Non-Bearing	6,000	6,000	6,000	NC
Table	93,000	93,000	92,000	-1.1
Bearing	83,000	83,000	82,000	-1.2
Non-Bearing	10,000	10,000	10,000	NC
Wine	522,000	527,000	523,000	-0.8
Bearing	477,000	480,000	480,000	NC
Non-Bearing	45,000	47,000	43,000	-8.5
All Grapes	861,000	860,000	848,000	-1.4
Bearing	800,000	797,000	789,000	-1.0
Non-Bearing	61,000	63,000	59,000	-6.4

1/ Reported data with an allowance for incompleteness.

GRAPE BEARING ACREAGE STANDING BY MAJOR VARIETY AND TYPE 1/

Variety and Type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	Acres									
Fiesta	4,200	4,196	5,241	N/A	N/A	N/A	8,781	9,323	10,697	10,805
Thompson Seedless	262,956	266,231	264,874	N/A	N/A	N/A	227,463	220,823	212,723	204,380
Other Raisin	2,687	2,620	2,544	N/A	N/A	N/A	2,741	3,121	3,244	4,147
TOTAL RAISIN	269,843	273,047	272,659	269,064	261,170	250,368	238,985	233,267	226,664	219,332
Autumn Royal	N/A	94	150	404	835	1,296	2,225	3,178	3,729	3,942
Crimson Seedless *	3,866	6,183	7,629	9,835	10,849	12,351	13,162	14,286	14,776	15,191
Flame Seedless *	27,107	28,373	27,120	26,140	25,492	24,020	22,478	22,083	20,573	20,001
Perlette	4,997	5,089	4,594	4,327	4,191	3,497	3,025	2,774	2,548	2,466
Princess *	N/A	N/A	15	72	302	1,005	1,542	1,686	1,778	2,080
Red Globe *	11,953	14,436	15,605	15,347	15,430	14,159	13,064	12,749	12,905	12,195
Ruby Seedless *	7,803	7,789	7,165	6,262	6,011	5,323	4,794	4,312	4,104	4,026
Sugraone	3,295	3,367	3,305	3,103	3,089	3,075	3,075	3,012	3,017	3,001
Other Table	20,252	19,127	18,195	12,931	16,171	14,588	14,212	13,353	13,549	13,423
TOTAL TABLE	79,273	84,458	83,778	82,232	82,370	79,314	77,577	77,433	76,979	76,325
Chardonnay *	70,629	80,998	89,272	93,316	92,193	94,164	93,431	92,089	92,091	91,348
Chenin Blanc	21,147	20,437	19,127	17,968	15,731	13,369	11,242	10,618	10,297	9,489
French Colombard	44,807	44,504	42,058	39,474	35,003	31,819	28,654	27,202	25,770	26,592
Pinot Gris *	331	636	939	1,241	1,782	2,596	4,076	5,094	6,719	7,365
Sauvignon Blanc	9,403	9,608	10,808	12,257	12,345	12,489	13,030	14,082	14,416	14,378
Other White Wine	19,688	19,102	20,019	20,988	20,767	19,607	19,465	20,036	20,258	21,217
TOTAL WHITE WINE	166,005	175,285	182,223	185,244	177,821	174,044	169,898	169,121	169,551	170,389
Barbera	10,987	11,595	10,566	10,259	9,816	8,771	8,470	7,953	7,581	7,441
Cabernet Sauvignon	34,583	39,988	48,285	55,901	62,451	68,306	71,536	74,970	75,909	74,643
Carignane	7,620	7,629	7,145	6,642	6,028	5,129	4,502	3,982	4,157	4,098
Grenache *	10,754	11,167	10,841	10,576	9,460	8,489	7,576	6,801	6,598	6,431
Merlot	28,114	36,506	42,070	45,202	47,464	48,721	51,075	52,185	51,570	48,648
Petite Sirah	2,136	2,282	2,495	2,765	3,260	3,916	4,137	4,594	5,402	5,923
Pinot Noir	8,179	9,183	11,769	14,651	16,815	20,093	22,645	23,323	24,188	24,427
Rubired *	9,636	10,263	10,841	10,898	12,391	12,242	11,092	10,801	10,434	10,387
Ruby Cabernet	6,818	7,152	7,383	7,742	7,924	7,408	6,679	6,527	6,593	6,027
Syrah *	1,983	3,369	6,553	9,573	11,909	14,680	16,335	17,481	17,918	18,085
Zinfandel	43,380	46,000	47,152	47,312	47,542	47,655	48,743	48,969	49,697	49,061
Other Red Wine	12,752	14,333	15,964	17,930	18,297	18,078	17,608	18,434	18,405	19,912
TOTAL RED WINE	176,542	199,467	221,064	239,451	253,357	263,488	270,398	276,020	278,452	275,083
TOTAL WINE	342,547	374,752	403,287	424,695	431,177	437,532	440,296	445,141	448,003	445,472
ALL GRAPES	691,663	732,257	759,724	775,991	774,717	767,214	756,858	755,841	751,646	741,128

* Synonyms for variety names are shown on Page 3.

1/ Detailed data as voluntarily reported by grape growers and maintained in the NASS data base. Totals may not add due to rounding.

ESTIMATED WINE-TYPE GRAPE BEARING ACREAGE BY VARIETY 1/

Variety and Type	2005	2006	2007	Percent Change
Cabernet Sauvignon	80,300	81,300	80,000	-1.6
Chardonnay *	98,700	98,700	97,900	-0.8
Chenin Blanc	11,500	11,000	10,200	-7.3
French Colombard	29,100	27,600	28,500	3.3
Merlot	55,900	55,300	52,100	-5.8
Pinot Noir	25,000	26,000	26,100	0.4
Rubired *	11,600	11,200	11,100	-0.9
Sauvignon Blanc	15,100	15,400	15,400	NC
Syrah *	18,700	19,200	19,400	1.0
Zinfandel	52,500	53,200	52,600	-1.1
Other Wine	78,600	81,100	86,700	6.9
TOTAL WINE	477,000	480,000	480,000	NC

* Synonyms for variety names are shown below.

1/ Reported data with an estimated allowance for incompleteness.

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.

Several County Agricultural Commissioners provided a significant number of individual grower changes. We would particularly acknowledge the work of the Merced, Napa, and Sonoma county staff.

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Grape Variety Synonyms

Alicante Bouschet – Alicante
Beauty Seedless – Black Beauty
Black Corinth – Zante Current
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

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
Muscat Hamburg – Black Muscat
Palomino – Golden Chasselas
Pinot Gris – Pinot Grigio

Princess – Melissa
Red Globe – Rose Ito
Rubired – Tintoria
Ruby Seedless – King Ruby
Sangiovese – Sangioveseto, Brunello
St. Emilion – Ugni Blanc, Trebbiano
Syrah – French Syrah, Shiraz, Syrah Noir
Tempranillo – Tinta Roriz, Valdepenas
Touriga Nacional – Touriga
White Riesling – Johannisberg Riesling,
Riesling