

1997 California Almond Acreage Survey



Released: May 11, 1998
12:00 P.M. PDT



CALIFORNIA AGRICULTURAL
STATISTICS SERVICE

RESULTS

The 1997 California acreage survey results indicate a record 472,053 total acres of almonds. Of this total, 409,094 were bearing and 62,959 were non-bearing. The Nonpareil variety accounted for the majority of almond acreage planted at 44 percent of the total acreage. The next most common variety was Carmel at 18 percent of total acreage. Kern County shows the largest acreage planted to almonds with 19 percent of the total acreage, followed by Merced County with 17 percent, and Stanislaus County with 16 percent.

The Almond Acreage Survey is part of a larger combined fruit acreage survey. All growers with almond or walnut acreage were surveyed on a bi-annual basis with half the counties in the State surveyed each year. Grape and prune growers in all counties were surveyed. For these four crops, more than 32,000 parcel records were mailed to about 15,000 growers. Overall, 82 percent of the parcels were completed. In addition, about 550 new parcels were added. The new parcels are the result of list building efforts using County Agricultural Commissioners' acreage updates and acreage reported through the California Department of Pesticide Regulations. For the almond acreage, 9,332 parcels were mailed and approximately 85 percent were completed representing about 93 percent of the acres. Of the total parcels sent, 55 percent were returned by mail, 20 percent by telephone, and 10 percent by personal interview. The current data from our data base are carried forward for the 15 percent not responding.

When interpreting data, please keep in mind that the Almond Acreage Survey is designed to function on a two-year cycle. Because only half of the counties are surveyed each year, and the time lag in receiving information on new plantings and new growers, we expect the actual plantings, particularly for the non-bearing years, to be higher than what this report shows. These will be reflected in future acreage surveys.

The attached summary tables show results of the acreage survey. These data are for dissemination to the almond industry and other interested parties. Only State and county totals have been published; individual reports remain confidential.

OBJECTIVES

The California Agricultural Statistics Service (CASS) conducted an acreage survey to provide the current acreage, variety, and year of plant data.

PROCEDURES

Acreage survey preparation was a cooperative effort between the grape, almond, walnut, and prune industries. The Almond Acreage Survey is designed to operate on a two-year rotational basis with half the almond growing counties contacted each year (see table back page).

CASS maintains a fruit data base, which serves as the main source for questionnaire mailing. Growers on this data base were sent a questionnaire with previously reported crop, variety, trees, acreage, and planting information preprinted. Recipients were asked to update the information. The CASS' data base also was compared to the California Department of Pesticide Regulations (DPR) pesticide use permit list and some industry lists. Growers not included in CASS's data base were sent a blank questionnaire and asked to provide specific information on their respective almond, walnut, and/or prune acreage.

Acreage questionnaires were mailed on December 26, 1997. Respondents were given about six weeks to return a response via mail. CASS personnel then conducted telephone follow-ups on non-respondents. Field personnel made personal visits to large growers and those CASS could not contact by mail or telephone. Survey data received on or before April 30, 1998 was edited and included in the final summary. Final analysis and summary work was completed on May 4, 1998.

ACKNOWLEDGMENTS

A special thanks goes to the many almond farm operators and owners who provided information on their operations. The support was outstanding and we appreciate the time spent completing questionnaires. Likewise, thanks to the Almond Board of California for providing funding and support of this special acreage update survey.

JIM TIPPETT
State Statistician

DWAINE NELSON
Deputy State Statistician

GARY NELSON - MARC MICHAUD
Agricultural Statisticians
Fruit and Nut Group -- (916) 498-5177

Comments or questions should be directed to:
California Agricultural Statistics Service (CASS)
P.O. Box 1258, Sacramento, CA 95812
(916) 498-5177/(FAX) 498-5186

1997 ALMOND ACREAGE BY COUNTY, BY YEAR PLANTED

County	1968 & Earlier	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
BUTTE	4,707.1	704.0	1,023.9	185.2	630.1	1,097.2	1,628.7	763.9	811.6	149.9	738.4	1,155.2	2,364.0	2,754.2	1,913.3	785.9
CALAVERAS	39.1	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.2	0.0	0.0
COLUSA	3,551.8	169.0	137.1	39.5	277.1	201.6	123.7	110.1	155.8	26.4	181.1	189.0	1,518.9	1,256.4	1,144.2	283.8
CONTRA COSTA	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	9.0	2.7	0.0
FRESNO	826.5	59.0	307.1	298.0	576.7	1,311.0	2,480.6	1,962.5	855.3	458.5	415.0	1,572.7	2,922.3	4,900.4	1,870.4	627.7
GLENN	1,269.1	167.4	57.4	371.7	19.8	407.4	1,286.9	755.7	71.0	26.7	270.4	1,394.6	1,004.7	1,332.5	899.8	249.8
KERN	200.3	572.6	2,694.8	4,139.7	3,387.8	3,083.9	5,753.0	2,470.7	448.9	249.8	784.9	2,896.9	4,121.4	10,375.1	2,777.0	1,009.9
KINGS	0.0	0.0	0.0	45.2	0.0	0.0	8.0	41.1	0.2	0.0	75.0	0.0	111.5	373.7	438.4	71.0
LAKE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
LOS ANGELES	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MADERA	2,212.7	77.0	684.1	468.1	605.1	686.2	1,152.9	1,721.4	477.0	133.5	1,454.8	2,044.5	3,135.6	2,927.9	3,513.4	820.4
MENDOCINO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MERCED	6,548.6	814.5	736.0	608.4	1,201.3	2,144.7	1,729.2	1,825.0	1,293.9	1,114.4	3,067.3	5,683.3	6,581.5	4,755.1	3,722.8	1,480.5
PLACER	50.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RIVERSIDE	1.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	5.1	0.4	0.8	0.2	0.0	0.0	0.0	0.0
SACRAMENTO	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN BENITO	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN BERNARDINO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	34.4
SAN JOAQUIN	4,597.0	274.5	574.1	463.1	541.4	512.7	1,281.2	1,190.0	659.9	509.5	1,325.1	1,923.8	1,918.3	2,825.9	1,156.5	782.2
SAN LUIS OBISPO	2,578.8	11.7	28.9	12.9	32.5	0.0	0.0	9.8	1.1	0.0	0.1	40.0	16.0	2.9	12.2	11.9
SANTA CLARA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SHASTA	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOLANO	558.6	0.0	33.0	8.0	7.9	0.0	32.0	44.1	11.1	7.6	4.1	0.0	1.3	6.0	39.9	0.0
SONOMA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANISLAUS	5,228.2	730.9	1,379.9	748.8	1,767.6	2,359.2	2,183.6	2,086.6	1,538.2	2,072.8	3,434.1	5,653.3	4,080.1	4,264.4	3,618.6	1,411.2
SUTTER	1,156.4	46.8	47.0	4.6	13.5	138.1	113.8	152.1	23.3	48.1	107.5	145.6	121.1	88.7	73.8	33.7
TEHAMA	346.8	0.0	13.1	0.0	98.5	248.3	16.4	187.8	0.0	42.8	1.5	71.4	744.8	1,041.6	848.5	134.0
TULARE	157.8	0.0	0.0	0.0	178.6	39.1	545.1	218.5	101.0	0.0	345.9	477.4	747.4	1,340.2	510.4	430.9
YOLO	1,813.2	25.9	145.7	33.5	46.3	47.5	52.1	14.8	33.3	41.0	107.4	41.1	115.7	214.1	176.1	1,065.7
YUBA	331.7	0.0	61.4	1.2	8.0	68.7	61.0	169.0	0.0	38.1	19.3	9.1	47.4	44.4	9.8	13.0
STATE TOTAL	36,200.3	3,653.3	7,936.6	7,427.9	9,392.2	12,345.6	18,448.8	13,723.9	6,486.7	4,919.5	12,333.5	23,298.1	29,556.6	38,512.7	22,727.8	9,246.0

1997 ALMOND ACREAGE BY COUNTY, BY YEAR PLANTED (Continued)

County	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Acres Standing in 1997 a/		
															Bearing	Non-Bearing	Total
BUTTE	549.2	1,116.0	751.3	328.6	617.9	417.1	1,115.2	479.3	1,267.4	937.3	1,357.9	1,954.1	3,054.9	909.9	30,349.8	5,918.9	36,268.7
CALAVERAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.9	0.0	56.9
COLUSA	357.7	374.1	292.0	151.2	531.2	748.7	765.9	146.9	72.4	92.4	357.9	319.5	154.7	116.7	13,255.9	590.9	13,846.8
CONTRA COSTA	18.6	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.5	1.0	0.0	0.0	0.4	0.0	55.7	0.4	56.1
FRESNO	737.4	1,335.5	1,361.4	1,743.0	2,945.8	2,296.8	5,185.1	943.3	1,154.7	2,422.7	2,710.3	2,995.5	1,561.8	1,570.9	44,279.7	6,128.2	50,407.9
GLENN	445.7	234.4	81.4	142.7	1,182.5	1,061.3	835.6	271.8	493.2	539.5	1,765.3	1,930.0	1,041.7	314.4	16,638.3	3,286.1	19,924.4
KERN	646.6	815.8	771.7	1,010.9	2,131.0	4,516.9	3,568.0	1,913.4	1,266.4	5,260.8	5,801.8	7,382.2	4,932.1	3,276.8	72,670.0	15,591.1	88,261.1
KINGS	0.0	2.5	100.1	19.0	22.7	101.6	21.5	479.6	0.0	143.6	92.0	124.7	16.0	0.0	2,146.7	140.7	2,287.4
LAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4
LOS ANGELES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
MADERA	1,401.9	1,368.2	833.5	748.0	1,384.8	1,742.9	1,104.0	1,193.1	567.1	1,126.8	1,656.4	2,168.4	1,384.5	541.6	35,241.3	4,094.5	39,335.8
MENDOCINO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MERCED	2,493.9	1,554.8	1,051.9	2,095.3	2,169.4	3,149.0	3,039.2	2,937.8	2,644.7	2,243.0	4,141.2	3,933.9	2,813.0	1,683.6	70,826.7	8,430.5	79,257.2
PLACER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.1	0.0	50.1
RIVERSIDE	0.0	0.0	0.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	9.3
SACRAMENTO	0.0	0.0	108.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.3	0.0	110.3
SAN BENITO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6
SAN BERNARDINO	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9	0.0	34.9
SAN JOAQUIN	613.6	700.7	635.4	1,019.9	982.6	800.7	1,187.2	449.3	1,164.2	1,363.8	1,135.8	1,663.1	1,972.2	808.9	30,588.4	4,444.2	35,032.6
SAN LUIS OBISPO	0.0	0.0	0.0	0.0	3.0	0.0	5.8	0.0	0.0	0.0	0.0	0.1	0.0	0.3	2,767.6	0.4	2,768.0
SANTA CLARA	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
SHASTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	3.3
SOLANO	0.0	0.0	0.0	0.6	0.2	49.0	8.7	0.0	0.0	0.0	22.7	100.4	56.8	22.4	834.8	179.6	1,014.4
SONOMA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	0.0	13.8	13.8
STANISLAUS	1,743.3	1,876.1	995.6	1,982.7	2,631.7	1,876.5	2,267.6	2,218.7	2,071.7	2,730.3	2,814.1	4,100.1	3,025.8	3,080.6	65,765.8	10,206.5	75,972.3
SUTTER	128.6	72.5	147.2	35.0	97.4	111.9	78.6	96.5	25.0	139.1	122.6	141.5	153.8	20.7	3,368.5	316.0	3,684.5
TEHAMA	45.8	89.7	100.9	457.0	182.4	125.9	217.7	335.2	8.1	156.9	175.7	328.9	286.8	119.4	5,690.8	735.1	6,425.9
TULARE	326.8	62.0	4.6	154.4	398.5	161.1	367.7	298.9	662.9	526.2	596.6	509.4	697.3	706.4	8,652.0	1,913.1	10,565.1
YOLO	46.1	37.1	87.5	56.8	85.1	74.1	32.2	35.9	56.3	87.5	72.4	130.1	490.7	176.1	4,644.4	796.9	5,441.3
YUBA	13.6	0.0	43.2	12.7	40.5	0.8	0.6	54.0	2.5	0.0	0.0	0.0	171.6	0.0	1,050.0	171.6	1,221.6
STATE TOTAL	9,568.9	9,639.4	7,369.7	9,957.8	15,406.7	17,235.2	19,800.8	11,853.7	11,459.1	17,770.9	22,822.7	27,781.9	21,827.9	13,348.7	409,094.4	62,958.5	472,052.9

a/ Shaded area represents non-bearing years, 1995-97.

ALMOND ACREAGE AS OF 1997 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 1997

Variety	1968 & Earlier	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
ALDRICH	20.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	7.8	6.2	0.0	8.0	0.0	2.6	3.7
BUTTE	68.7	10.0	5.7	18.6	18.8	2.7	23.2	33.9	82.6	12.5	53.2	213.6	590.1	1,187.1	925.7	399.1
CARMEL	287.6	23.8	142.7	163.7	650.6	1,567.2	2,151.1	2,105.8	1,149.3	932.8	2,608.5	5,752.8	6,861.7	9,561.0	6,387.5	2,961.4
CARRIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	12.8	0.0	3.8	84.4	62.5	10.7	23.4
CLAMPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.7	0.0
DAVEY	180.1	0.0	0.0	0.7	0.0	0.0	0.0	23.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
DOTTIE WON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	20.0	8.5	0.2	10.3	4.3
DRAKE	523.9	0.0	0.2	2.2	0.3	3.2	0.6	22.2	6.8	0.0	0.0	20.0	0.3	0.0	2.7	0.0
EARLY MISSION	0.0	0.0	27.5	0.0	39.7	15.1	0.0	0.0	0.0	2.0	2.8	5.7	0.5	16.9	0.0	0.0
FRITZ	27.5	0.0	39.3	4.5	1.7	123.5	37.7	143.6	55.0	34.6	128.9	100.9	240.8	530.5	281.1	120.8
HARVEY	44.1	8.4	17.4	87.7	46.1	393.9	372.7	169.3	70.9	12.3	16.6	191.1	25.6	34.8	2.5	0.0
HASHAM	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	102.0	155.0	346.3	0.0	76.9	36.0
IXL	201.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JEFFRIES	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	23.8	88.0	73.2	337.1	0.1	0.0
KAPAREIL	33.0	5.0	0.5	1.0	10.7	0.0	0.0	3.0	0.3	44.6	36.6	0.7	77.4	18.3	26.2	0.0
LAWRENCE	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	2.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
LE GRAND	10.4	0.0	0.0	38.0	0.0	23.6	69.3	47.3	20.1	46.9	90.5	126.4	188.6	136.8	44.0	32.0
LIVINGSTON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	9.4	4.6	17.2	23.1	29.6	40.5	11.1	4.0
MERCED	1,904.8	349.8	926.3	868.1	1,108.8	815.0	1,162.5	341.1	194.4	95.1	184.3	304.0	162.5	85.2	7.9	14.2
MILO	0.0	0.0	0.0	0.0	0.0	8.5	0.0	69.5	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
MONO	0.0	0.0	0.0	19.1	36.6	32.8	125.3	81.5	78.0	28.1	92.7	166.6	169.0	43.8	64.3	24.1
MONTEREY	49.3	1.0	0.0	0.0	0.0	0.0	17.1	36.5	15.2	9.5	60.8	249.3	656.5	572.2	1,090.3	379.2
MORLEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	5.0	0.0	0.0
N-43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.2	0.0	0.0	0.0
NE PLUS ULTRA	3,164.4	218.3	475.2	127.3	159.0	252.4	517.2	601.5	266.2	334.7	593.7	448.1	646.8	732.8	386.2	70.0
NONPAREIL	20,434.0	2,055.7	4,545.2	4,565.4	5,646.9	7,050.5	10,578.8	7,314.5	3,279.7	2,378.5	6,306.7	11,212.3	12,831.4	17,053.1	8,540.7	3,237.7
NORMAN	158.7	6.1	2.7	14.5	8.3	58.7	23.6	13.8	8.9	0.0	0.0	54.4	2.4	13.5	2.8	0.0
PADRE	3.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	5.0	45.1	0.0	0.0	0.4	0.0	14.9	50.6
PEERLESS	1,704.6	103.8	129.2	78.5	62.9	79.1	291.4	254.5	162.0	61.0	254.2	484.7	1,120.4	1,410.7	717.4	253.7
PRICE CLUSTER	162.1	41.8	107.1	107.5	276.1	305.6	775.3	520.1	378.5	290.5	735.1	1,807.5	2,512.0	4,298.9	2,011.3	692.9
RUBY	118.7	13.3	11.3	44.8	38.1	15.2	9.2	115.7	97.9	42.0	28.0	273.7	423.2	405.8	571.4	227.4
SAURET #1	1.0	0.0	17.0	5.8	0.0	0.0	0.0	0.0	0.0	5.0	0.9	198.9	145.1	62.9	36.6	6.8
SAURET #2	1.0	0.0	0.0	1.6	2.5	0.0	0.0	0.0	4.0	5.0	23.5	148.9	170.0	35.6	14.9	0.0
SAVANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	5.0	0.0	0.0
SCHELETTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SONORA	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.1	0.0
TEXAS/MISSION	5,728.2	556.3	995.8	986.4	995.2	1,070.6	1,781.0	1,258.7	412.1	430.5	692.4	863.9	1,696.8	1,586.7	1,185.2	565.8
THOMPSON	1,198.3	250.7	488.6	280.3	287.2	462.1	336.7	438.3	73.7	67.0	87.9	139.7	168.4	89.6	188.6	114.7
TOKYOYO	3.8	0.0	0.0	3.0	2.3	29.4	90.4	67.5	49.5	0.7	56.6	72.5	90.0	55.1	24.6	0.0
WOOD COLONY	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	22.5	0.0	2.9	0.0
YOSEMITE	0.0	0.0	0.0	0.0	0.0	31.2	27.1	36.1	37.6	15.2	41.1	91.3	106.0	59.9	24.6	11.0
ALL OTHERS	159.1	8.8	4.9	0.2	0.0	0.6	36.6	4.9	12.4	0.7	74.8	52.0	40.0	69.2	19.0	13.2
VARIETY TOTAL	36,200.3	3,653.3	7,936.6	7,427.9	9,392.2	12,345.6	18,448.8	13,723.9	6,486.7	4,919.5	12,333.5	23,298.1	29,556.6	38,512.7	22,727.8	9,246.0

ALMOND ACREAGE AS OF 1997 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 1997 (Continued)

Variety	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Acres Standing in 1997 a/		
															Bearing	Non-Bearing	Total
ALDRICH	6.5	18.1	18.7	18.7	21.2	47.7	35.7	88.3	128.1	238.3	480.5	760.2	543.8	342.2	1,155.2	1,646.2	2,801.4
BUTTE	365.6	276.3	246.9	718.6	1,104.7	1,332.8	2,101.8	1,873.1	1,648.0	2,302.0	3,168.7	5,285.8	3,995.7	2,754.9	18,784.0	12,036.4	30,820.4
CARMEL	2,880.5	2,768.1	2,292.8	2,811.9	4,163.6	4,131.7	4,740.2	2,356.6	2,154.6	2,901.1	3,052.4	3,018.8	2,597.6	1,562.1	77,561.0	7,178.5	84,739.5
CARRIONS	6.5	4.0	0.0	13.5	16.5	44.8	0.0	7.5	33.1	3.3	1.3	1.2	2.0	0.0	343.3	3.2	346.5
CLAMPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.7	0.0	40.7
DAVEY	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222.1	0.0	222.1
DOTTIE WON	0.0	0.0	0.0	0.0	0.0	0.0	5.8	4.5	0.0	0.0	5.0	2.3	2.3	0.0	60.1	4.6	64.7
DRAKE	0.0	9.0	7.8	0.0	0.7	0.0	0.7	2.7	0.0	0.0	0.0	0.0	0.8	0.0	603.3	0.8	604.1
EARLY MISSION	20.0	0.0	7.5	0.3	12.1	5.3	1.0	0.0	0.0	3.8	3.5	19.5	6.0	0.8	163.7	26.3	190.0
FRITZ	110.9	380.4	223.3	328.4	486.4	952.2	596.1	351.3	263.6	767.7	1,024.5	1,260.7	863.1	804.4	7,355.2	2,928.2	10,283.4
HARVEY	4.0	4.4	6.5	0.0	0.0	8.2	18.2	0.9	0.0	9.9	1.6	7.7	2.2	0.0	1,547.1	9.9	1,557.0
HASHAM	30.5	25.0	0.0	0.0	0.0	17.4	0.0	0.0	0.0	0.0	0.0	75.8	21.0	29.9	798.1	126.7	924.8
IXL	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	204.3	0.0	204.3
JEFFRIES	0.0	0.0	0.0	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	576.8	0.0	576.8
KAPAREIL	66.6	4.9	0.0	0.0	0.0	0.0	0.0	49.4	0.0	40.2	0.3	38.6	0.0	11.5	418.7	50.1	468.8
LAWRENCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	19.7	23.0	42.7	
LE GRAND	0.0	35.0	0.0	5.0	0.0	0.0	0.0	8.0	0.0	0.0	3.3	0.0	0.0	0.2	925.2	0.2	925.4
LIVINGSTON	0.0	0.0	9.0	9.5	37.6	23.9	54.4	75.0	13.0	16.6	76.4	206.9	133.1	93.0	471.5	433.0	904.5
MERCED	50.6	24.3	16.7	21.6	11.9	18.9	38.5	11.9	13.3	76.0	9.9	48.4	51.1	26.5	8,817.6	126.0	8,943.6
MILO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.0	0.0	91.0
MONO	164.7	21.8	32.3	22.9	5.0	20.2	7.5	28.3	0.2	0.0	0.0	0.0	0.0	0.0	1,264.8	0.0	1,264.8
MONTEREY	146.3	147.4	37.2	400.9	752.4	453.0	627.4	242.6	404.2	763.2	1,552.1	839.6	988.0	569.4	8,663.6	2,397.0	11,060.6
MORLEY	0.0	0.0	1.4	0.0	0.0	0.0	0.0	60.7	20.0	24.3	20.6	51.9	3.5	0.0	133.3	55.4	188.7
N-43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	57.9	0.0	57.9
NE PLUS ULTRA	119.6	63.8	14.1	66.0	89.1	34.5	130.9	26.6	24.5	79.1	85.5	111.9	85.7	16.5	9,727.5	214.1	9,941.6
NONPAREIL	3,741.4	3,995.9	2,955.9	3,673.3	5,799.5	6,812.0	7,534.9	3,957.6	4,094.8	6,575.9	8,587.7	9,370.5	7,623.1	3,917.9	184,760.0	20,911.5	205,671.5
NORMAN	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	2.3	1.8	0.0	1.0	0.0	0.0	385.2	1.0	386.2
PADRE	3.4	21.6	49.5	223.4	298.0	492.6	932.4	876.0	626.5	1,058.2	1,493.2	2,886.0	1,797.1	1,433.1	6,194.5	6,116.2	12,310.7
PEERLESS	263.0	422.5	183.4	157.1	249.7	220.0	225.5	68.8	155.9	153.9	259.9	227.1	270.4	70.6	9,527.8	568.1	10,095.9
PRICE CLUSTER	856.7	943.3	854.1	511.4	782.5	822.4	1,061.9	484.3	543.1	570.1	387.3	456.9	345.2	141.2	22,839.4	943.3	23,782.7
RUBY	246.6	73.9	106.2	251.6	427.1	201.5	233.4	152.1	65.9	119.4	69.7	42.9	39.2	117.8	4,383.1	199.9	4,583.0
SAURET #1	1.9	17.6	0.0	0.8	2.0	0.0	7.7	0.8	0.0	25.3	3.5	0.0	2.9	0.0	539.6	2.9	542.5
SAURET #2	2.5	17.6	0.0	0.0	0.0	0.0	1.6	1.9	0.0	0.0	4.1	0.0	1.9	0.0	434.7	1.9	436.6
SAVANA	0.0	0.0	2.8	0.0	0.0	0.0	0.0	60.0	20.0	24.2	20.6	29.2	2.8	0.0	134.2	32.0	166.2
SCHELETTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3
SONORA	22.3	39.9	29.0	62.9	263.5	853.7	659.8	241.6	434.0	998.7	1,303.4	1,589.1	1,150.7	426.8	4,917.4	3,166.6	8,084.0
TEXAS/MISSION	387.1	279.2	257.4	480.6	812.9	527.9	495.1	591.2	505.8	698.3	698.5	1,046.9	760.8	609.7	26,539.6	2,417.4	28,957.0
THOMPSON	32.3	14.1	0.0	45.5	1.6	12.2	14.0	1.1	0.8	2.5	38.2	7.2	20.9	5.0	4,834.1	33.1	4,867.2
TOKYO	3.0	13.1	0.0	21.4	6.0	14.0	0.0	13.6	0.0	0.0	2.3	0.0	13.3	19.6	618.8	32.9	651.7
WOOD COLONY	2.2	7.8	0.0	23.9	44.8	170.0	260.8	92.2	292.5	238.4	305.9	332.6	294.8	155.4	1,473.0	782.8	2,255.8
YOSEMITE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	481.3	0.0	481.3
ALL OTHERS	34.2	10.4	16.4	43.3	12.6	18.3	15.5	123.4	14.7	78.7	162.1	63.2	185.6	240.2	1,026.0	489.0	1,515.0
VARIETY TOTAL	9,568.9	9,639.4	7,369.7	9,957.8	15,406.7	17,235.2	19,800.8	11,853.7	11,459.1	17,770.9	22,822.7	27,781.9	21,827.9	13,348.7	409,094.4	62,958.5	472,052.9

a/ Shaded area represents non-bearing years, 1995-97.

1997 NONPAREIL VARIETY ACREAGE SUMMARY BY YEAR PLANTED

County	1968 & Earlier	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
BUTTE	2,631.9	412.6	504.5	90.4	305.3	462.7	752.4	352.0	339.1	53.1	327.0	586.6	1,129.6	1,144.9	534.5	255.6
CALAVERAS	17.2	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
COLUSA	1,620.2	50.5	67.1	22.3	155.7	137.1	96.5	56.0	81.4	8.8	60.2	72.3	713.8	486.0	394.4	81.3
CONTRA COSTA	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
FRESNO	351.6	39.0	108.1	141.4	330.0	768.4	1,521.2	1,140.2	485.3	286.7	247.7	734.6	978.8	2,042.4	837.1	256.9
GLENN	828.2	111.1	35.5	197.5	13.2	194.2	645.1	377.3	26.8	14.0	139.2	531.4	477.3	549.4	453.9	91.3
KERN	123.0	383.0	1,743.8	2,849.8	2,207.2	1,868.1	3,691.4	1,299.2	307.7	95.9	454.5	1,552.3	2,043.8	4,935.1	1,157.3	519.4
KINGS	0.0	0.0	0.0	30.2	0.0	0.0	5.4	20.5	0.1	0.0	37.5	0.0	51.2	203.2	96.4	35.0
LAKE	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
LOS ANGELES	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MADERA	1,458.7	51.5	426.9	250.7	329.1	347.9	606.1	960.8	237.0	33.0	610.6	930.2	1,228.1	1,476.4	1,456.1	328.8
MERCED	3,863.7	502.0	400.2	300.4	690.2	1,268.8	939.9	1,073.8	629.9	585.0	1,571.5	2,702.4	2,752.2	1,971.8	1,107.9	437.9
PLACER	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RIVERSIDE	0.7	0.0	0.0	0.0	0.0	0.0	0.4	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SACRAMENTO	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN BENITO	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAN BERNARDINO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2
SAN JOAQUIN	2,905.5	135.0	307.3	277.7	343.6	288.3	727.0	659.3	390.5	269.9	736.1	990.7	892.0	1,116.7	399.5	345.9
SAN LUIS OBISPO	1,526.9	10.7	9.2	6.7	22.8	0.0	0.0	7.8	0.0	0.0	0.0	30.0	8.0	0.0	7.4	6.9
SHASTA	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOLANO	212.1	0.0	18.9	4.0	3.8	0.0	21.0	20.5	0.0	3.8	3.7	0.0	0.0	3.0	19.9	0.0
STANISLAUS	3,057.3	323.9	845.1	376.0	1,036.3	1,333.7	1,106.7	1,043.4	768.4	936.4	1,824.4	2,751.9	1,729.8	1,852.5	1,338.9	492.6
SUTTER	432.5	30.0	23.3	2.3	2.5	94.7	71.3	40.0	4.0	36.1	39.0	33.9	51.7	25.9	14.6	11.8
TEHAMA	236.7	0.0	9.0	0.0	67.8	170.4	11.4	96.8	0.0	21.4	1.0	33.8	363.6	510.5	411.1	58.7
TULARE	100.6	0.0	0.0	0.0	119.1	26.1	307.7	65.3	0.0	0.0	215.3	246.4	398.1	688.0	246.3	203.7
YOLO	817.7	6.4	11.5	14.8	20.3	27.9	34.2	9.0	6.1	15.5	31.4	12.9	10.2	37.3	61.6	94.7
YUBA	214.2	0.0	28.3	1.2	0.0	62.2	41.1	92.6	0.0	18.9	7.4	2.9	0.0	10.0	3.1	0.0
STATE TOTAL	20,434.0	2,055.7	4,545.2	4,565.4	5,646.9	7,050.5	10,578.8	7,314.5	3,279.7	2,378.5	6,306.7	11,212.3	12,831.4	17,053.1	8,540.7	3,237.7

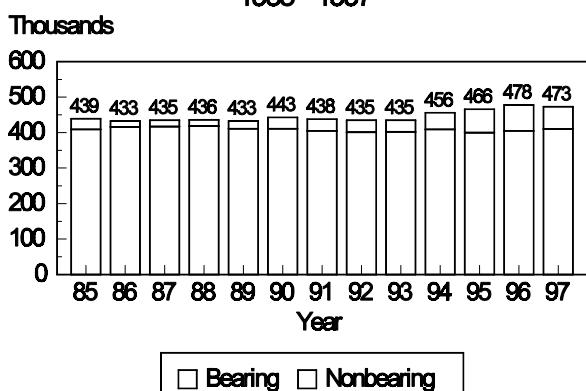
1997 NONPAREIL VARIETY ACREAGE SUMMARY BY YEAR PLANTED (Continued)

County	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Acres Standing in 1997 a/		
															Bearing	Non-Bearing	Total
BUTTE	148.9	482.6	213.4	126.9	236.5	98.5	326.5	141.9	470.9	396.6	572.1	700.4	1,166.7	333.8	13,097.0	2,200.9	15,297.9
CALAVERAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	0.0	26.9
COLUSA	69.7	60.6	102.8	6.1	227.8	283.2	249.1	57.6	33.1	39.0	204.8	113.5	56.1	40.0	5,437.4	209.6	5,647.0
CONTRA COSTA	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.4	0.0	17.7	0.4	18.1
FRESNO	351.9	705.8	646.5	691.9	1,322.7	849.4	1,944.6	378.9	477.8	982.8	1,086.4	1,033.6	535.2	542.9	19,708.1	2,111.7	21,819.8
GLENN	222.2	138.5	0.0	58.7	378.6	458.1	411.0	127.8	190.4	174.9	822.4	899.7	506.3	66.7	7,668.0	1,472.7	9,140.7
KERN	295.9	426.5	365.6	490.7	872.1	2,124.9	1,604.0	529.3	310.3	1,918.8	2,031.2	2,405.1	1,677.5	894.1	36,200.8	4,976.7	41,177.5
KINGS	0.0	1.3	51.0	9.5	11.5	37.6	10.5	239.8	0.0	29.8	39.0	28.9	8.0	0.0	909.5	36.9	946.4
LAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
LOS ANGELES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
MADERA	654.7	645.0	412.0	331.8	411.9	642.8	363.9	345.7	119.0	308.5	338.4	741.5	513.0	113.3	15,305.6	1,367.8	16,673.4
MERCED	860.2	543.6	361.4	704.4	600.7	1,115.0	1,131.9	823.0	916.2	862.2	1,539.5	1,021.6	672.3	438.2	30,255.7	2,132.1	32,387.8
PLACER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	0.0	24.9
RIVERSIDE	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	4.8
SACRAMENTO	0.0	0.0	54.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.2	0.0	55.2
SAN BENITO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
SAN BERNARDINO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.0	17.2
SAN JOAQUIN	266.9	250.0	266.2	347.9	388.2	278.1	356.5	198.1	521.0	523.1	438.4	594.3	758.8	329.3	14,619.4	1,682.4	16,301.8
SAN LUIS OBISPO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1,636.4	0.1	1,636.5
SHASTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.6
SOLANO	0.0	0.0	0.0	0.0	0.2	9.5	3.9	0.0	0.0	0.0	11.5	42.7	18.7	11.4	335.8	72.8	408.6
STANISLAUS	679.9	661.5	394.1	605.1	1,012.3	699.6	846.4	810.4	711.1	1,046.6	1,206.9	1,284.7	1,050.9	803.1	29,491.2	3,138.7	32,629.9
SUTTER	36.7	0.0	10.6	10.7	26.3	20.6	0.7	24.7	1.7	10.1	53.2	56.5	42.0	1.5	1,108.9	100.0	1,208.9
TEHAMA	0.0	38.4	47.7	202.6	62.7	99.3	108.6	149.6	4.8	131.0	84.5	179.7	119.8	41.8	2,921.4	341.3	3,262.7
TULARE	133.4	35.0	2.8	56.8	199.4	78.5	164.5	91.9	315.8	120.8	137.9	209.7	275.6	202.5	3,953.4	687.8	4,641.2
YOLO	11.5	7.1	27.4	22.6	30.7	16.5	12.2	11.9	21.2	31.7	21.5	58.5	133.1	99.3	1,425.8	290.9	1,716.7
YUBA	0.2	0.0	0.0	7.6	17.9	0.1	0.6	27.0	0.0	0.0	0.0	0.0	88.7	0.0	535.3	88.7	624.0
STATE TOTAL	3,741.4	3,995.9	2,955.9	3,673.3	5,799.5	6,812.0	7,534.9	3,957.6	4,094.8	6,575.9	8,587.7	9,370.5	7,623.1	3,917.9	184,760.0	20,911.5	205,671.5

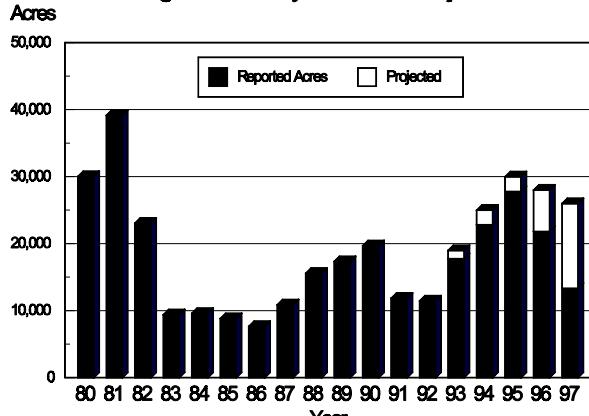
a/ Shaded area represents non-bearing years, 1995-97.

CALIFORNIA ALMOND ACREAGE

1985 - 1997



Almond Acreage Planted by Year and Projections



COUNTIES SURVEYED IN 1998

- Butte
- Contra Costa
- Glenn
- Mendocino
- Placer
- Sacramento
- San Joaquin
- San Luis Obispo
- Santa Barbara

- Santa Clara
- Shasta
- Solano
- Sonoma
- Stanislaus
- Tehama
- Yolo
- Yuba