

1996 California Almond Acreage Survey



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 CALIFORNIA AGRICULTURAL
STATISTICS SERVICE

RESULTS

The 1996 California acreage survey results indicate **466,777** total acres of almonds. Of this total, **400,692** were bearing and **66,085** were non-bearing. The **Nonpareil** variety accounted for the majority of almond acreage planted at **45** 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. In previous years, all growers with almond, walnut or prune acreage were surveyed on a bi-annual basis with half the counties in the State surveyed each year. For this year's survey, grape growers in all counties were included in this combined survey. More than 26,000 parcel records were mailed to over 12,000 growers. This is the first year grapes were included in the survey, and it resulted in the addition of nearly 15,000 parcels and 5,000 growers. Overall, the response was excellent with 90 percent of the parcels completed. This completion rate is below last year's 99 percent rate, as follow-up enumeration of unreturned parcels was concentrated to larger acreage. Though this resulted in a lower overall completion rate, nearly all targeted acreage was accounted for. Of those completed, 55 percent were returned by mail, 43 percent by telephone, and 2 percent by personal interview. In addition, about 840 new parcels were obtained. These parcels are the result of list building efforts using County Agricultural Commissioners' acreage updates, and acreage reported through the California Department of Pesticide Regulations. Efforts to obtain information from other lists and from non-respondents of this survey continue.

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 January 2, 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 29, 1997 was edited and included in the final summary. Final analysis and summary work was completed on May 2, 1997.

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.

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1996 ALMOND ACREAGE BY COUNTY, BY YEAR PLANTED

County	1967 & Earlier	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
BUTTE	5,632	587	959	1,064	543	693	1,314	1,522	1,150	829	88	733	1,171	2,397	2,770	1,909
CALAVERAS	14	0	0	13	0	0	0	0	0	0	0	0	0	5	0	0
COLUSA	3,332	233	176	137	39	290	201	125	110	156	27	248	206	1,524	1,256	1,384
CONTRA COSTA	23	0	0	0	0	0	0	0	0	0	0	0	0	1	10	3
FRESNO	743	100	59	307	298	559	1,525	2,848	1,778	819	440	393	1,591	3,001	4,921	1,919
GLENN	1,390	112	197	56	492	15	435	1,325	777	65	27	280	1,908	1,143	1,517	941
KERN	298	11	854	2,896	4,263	3,485	3,450	6,109	2,731	450	250	786	2,900	4,151	10,048	2,675
KINGS	0	0	0	0	45	0	0	8	43	0	0	76	0	111	374	439
LAKE	1	0	0	0	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
MADERA	1,318	568	77	797	469	604	682	1,284	1,824	554	134	1,317	2,065	3,224	2,880	3,616
MERCED	6,361	782	824	719	1,240	1,215	2,176	1,678	2,118	1,276	1,293	3,114	5,660	6,655	5,049	3,753
PLACER	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	2	0	0	0	0	0	0	0	5	0	1	0	0	0	0
SACRAMENTO	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
SAN JOAQUIN	5,001	787	440	949	670	563	633	1,403	1,268	659	539	1,406	2,010	1,891	2,944	1,188
SAN LUIS OBISPO	1,367	54	13	29	13	33	0	0	10	1	0	0	0	0	3	12
SOLANO	579	37	33	6	9	0	43	44	12	8	4	0	1	0	0	40
SONOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANISLAUS	4,895	1,298	803	1,946	891	2,365	2,636	2,630	2,242	1,648	2,124	3,991	5,765	4,117	4,400	3,570
SUTTER	1,017	139	47	47	6	15	137	121	153	23	48	115	146	147	87	73
TEHAMA	135	7	0	13	9	109	248	17	206	0	43	2	72	746	1,263	852
TULARE	69	89	63	14	0	178	40	559	219	102	0	312	476	746	1,339	512
YOLO	1,716	28	26	157	24	46	32	52	18	33	53	110	42	117	229	165
YUBA	379	0	3	62	1	8	69	62	170	0	39	21	17	51	56	11
STATE TOTAL	34,319	4,834	4,541	9,239	9,009	10,187	13,578	19,786	14,861	6,632	5,114	12,909	24,029	30,028	39,145	23,062

1996 ALMOND ACREAGE BY COUNTY, BY YEAR PLANTED (Continued)

County	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Acres Standing in 1996 a/		
															Bearing	Non-Bearing	Total
BUTTE	814	547	501	763	336	673	463	1,134	486	1,285	790	1,297	1,636	2,004	31,153	4,937	36,090
CALAVERAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32
COLUSA	283	377	374	362	153	532	786	767	148	72	94	359	325	156	13,392	840	14,232
CONTRA COSTA	0	18	0	3	0	0	0	0	0	3	1	0	0	0	62	0	62
FRESNO	591	775	1,027	1,314	2,403	2,809	2,450	5,252	1,089	1,135	2,414	2,405	2,902	896	42,560	6,203	48,763
GLENN	250	467	192	138	148	1,168	1,062	838	273	508	528	1,556	1,644	952	16,252	4,152	20,404
KERN	1,117	937	817	777	1,012	2,055	4,456	3,569	1,899	1,431	5,181	7,190	6,841	4,578	68,608	18,609	87,217
KINGS	71	0	2	100	20	23	102	23	480	0	144	53	141	0	2,061	194	2,255
LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
LOS ANGELES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
MADERA	803	1,405	1,369	871	706	1,449	1,726	1,141	1,083	402	1,128	1,754	2,204	969	33,496	4,927	38,423
MERCED	1,484	2,354	1,650	1,055	2,117	2,288	3,107	3,032	2,774	2,978	2,173	3,828	3,604	2,152	68,925	9,584	78,509
PLACER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	0	49
RIVERSIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
SACRAMENTO	0	0	0	108	0	0	0	0	0	0	0	0	0	0	108	0	108
SAN BERNARDINO	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	35
SAN JOAQUIN	751	638	751	636	1,000	971	831	1,048	464	1,096	1,129	1,117	1,548	1,362	31,666	4,027	35,693
SAN LUIS OBISPO	12	0	0	0	0	3	15	6	0	0	0	0	0	0	1,571	0	1,571
SOLANO	0	0	0	0	0	0	19	9	0	0	0	0	86	58	844	144	988
SONOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	14	14
STANISLAUS	1,504	1,506	1,884	1,136	2,264	2,803	1,846	2,184	2,119	2,087	2,371	2,588	3,735	2,298	67,025	8,621	75,646
SUTTER	35	107	73	147	36	97	110	90	97	37	126	107	131	153	3,276	391	3,667
TEHAMA	134	47	89	102	458	182	125	218	309	9	159	172	327	342	5,554	841	6,395
TULARE	432	358	62	5	155	399	161	357	280	888	526	520	500	517	8,341	1,537	9,878
YOLO	1,068	44	35	87	57	85	78	33	37	66	98	73	142	32	4,536	247	4,783
YUBA	13	13	0	43	19	41	1	1	54	3	0	0	0	828	1,137	828	1,965
STATE TOTAL	9,397	9,593	8,825	7,647	10,884	15,578	17,339	19,702	11,592	12,000	16,862	23,017	25,761	17,307	400,692	66,085	466,777

a/ Non-bearing includes plantings for 1994-96. Summing years to bearing, non-bearing, and total may not agree due to rounding.

ALMOND ACREAGE AS OF 1996 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 1996 (Continued)

Variety	1967 & Earlier	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
ALDRICH	21	0	0	0	0	0	0	0	5	0	0	6	0	8	0	3
BUTTE	67	0	17	6	19	19	2	23	34	71	13	52	260	616	1,246	1,052
CARMEL	173	86	25	151	190	723	1,607	2,420	2,278	1,138	1,004	2,645	5,830	6,874	9,731	6,553
CARRIONS	0	0	0	0	0	0	0	0	0	15	13	0	4	84	63	11
CLAMPER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
DAVEY	155	0	0	0	1	0	0	0	23	0	0	0	13	0	0	0
DOTTIE WON	0	0	0	0	0	0	0	0	0	0	0	2	20	9	0	11
DRAKE	490	0	0	0	2	0	3	1	22	7	0	0	20	0	0	3
EARLY MISSION	0	0	0	28	0	39	15	0	0	0	3	3	6	1	18	0
FRITZ	25	6	0	40	5	2	124	38	148	56	35	130	101	245	529	270
HARVEY	29	22	9	18	116	83	402	371	222	86	20	17	302	67	36	21
HASHAM	0	0	0	0	9	0	0	0	0	0	50	102	155	351	0	77
IXL	160	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
JEFFRIES	0	0	0	0	0	0	0	22	0	0	0	24	88	73	225	0
KAPAREIL	32	2	5	1	1	11	0	0	3	0	45	37	1	77	18	27
LAWRENCE	0	0	0	0	0	0	5	0	0	2	0	13	0	0	0	0
LE GRAND	10	0	0	0	38	0	24	66	72	20	47	83	126	215	137	44
LIVINGSTON	0	0	0	0	0	0	0	0	17	9	5	17	23	30	40	11
MERCED	1,900	495	471	1,120	1,015	1,235	978	1,205	436	183	117	205	334	168	90	9
MILO	0	0	0	0	0	0	9	0	70	0	0	0	13	0	0	0
MONO	0	0	0	0	19	36	33	133	81	78	28	103	147	184	43	64
MONTEREY	50	0	1	0	6	0	0	17	37	8	14	63	245	654	604	1,087
MORLEY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0
N-43	0	0	0	0	0	0	0	0	0	0	0	0	0	57	0	0
NE PLUS ULTRA	3,264	321	247	566	287	212	352	578	654	292	335	619	480	650	772	388
NONPAREIL	19,292	2,915	2,537	5,359	5,423	6,044	7,759	11,508	7,936	3,391	2,475	6,485	11,530	13,153	17,380	8,629
NORMAN	152	17	7	3	15	8	58	23	14	9	0	0	54	3	13	3
PADRE	6	0	0	0	0	0	0	0	0	5	0	0	0	0	0	15
PEERLESS	1,706	54	140	128	102	62	82	276	221	165	62	260	502	1,138	1,429	707
PRICE CLUSTER	160	47	66	104	181	288	343	721	500	378	326	788	1,899	2,502	4,271	1,921
RUBY	117	3	13	11	45	40	17	9	116	98	42	28	282	436	421	582
SAURET #1	1	0	0	17	6	0	0	0	0	0	0	1	220	142	63	37
SAURET #2	1	0	0	0	2	3	0	0	4	0	0	24	167	170	55	15
SAVANA	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	0
SCHELETTER	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0
SONORA	4	0	0	0	0	0	0	0	0	5	0	0	0	1	2	2
TEXAS/MISSION	5,316	477	640	1,127	1,051	1,083	1,230	1,880	1,364	430	396	821	878	1,694	1,671	1,221
THOMPSON	1,063	377	352	502	473	297	469	347	506	81	68	148	144	159	89	189
TOKOYO	4	0	0	0	3	2	30	93	61	50	1	67	55	89	55	25
WALTON	0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0
WOOD COLONY	1	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0
YOSEMITE	0	0	0	0	0	0	31	30	36	38	15	50	74	106	59	25
OTHER	120	12	10	5	0	0	5	25	5	13	0	36	53	49	75	19
CROP TOTAL	34,319	4,834	4,541	9,239	9,009	10,187	13,578	19,786	14,861	6,632	5,114	12,909	24,029	30,028	39,145	23,062

**ALMOND ACREAGE AS OF 1996 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 1996**

Variety	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Acres Standing in 1996 a/		
															Bearing	Non-Bearing	Total
ALDRICH	3	6	18	13	19	13	48	38	89	117	224	444	723	762	631	1,929	2,560
BUTTE	407	337	264	277	701	1,107	1,311	2,187	1,749	1,698	2,264	3,304	4,753	2,916	15,799	10,973	26,772
CARMEL	3,016	2,863	2,543	2,406	2,779	4,148	4,104	4,716	2,306	2,288	2,748	2,820	2,882	1,992	75,345	7,694	83,039
CARRIONS	23	7	4	2	14	17	45	0	8	34	4	1	1	2	348	4	352
CLAMPER	0	0	0	13	0	53	0	0	0	0	83	2	0	0	190	2	192
DAVEY	0	0	0	0	0	5	0	0	0	0	0	0	0	0	197	0	197
DOTTIE WON	4	0	0	0	0	0	0	6	5	0	0	5	2	2	57	9	66
DRAKE	0	0	9	8	0	0	0	4	3	0	0	0	0	1	572	1	573
EARLY MISSION	0	0	0	8	8	12	5	1	0	0	4	4	12	6	151	22	173
FRITZ	111	111	382	216	416	540	934	587	337	258	711	1,146	1,064	692	6,357	2,902	9,259
HARVEY	0	4	5	7	1	0	8	18	1	0	0	0	9	2	1,865	11	1,876
HASHAM	36	1	51	40	0	0	17	0	0	0	0	0	25	0	889	25	914
IXL	0	0	0	1	0	0	0	0	2	0	0	0	0	0	164	0	164
JEFFRIES	0	0	0	0	33	0	0	0	0	0	0	0	0	0	465	0	465
KAPAREIL	8	67	5	0	0	0	0	0	49	0	40	0	39	0	426	39	465
LAWRENCE	0	0	0	0	0	0	0	0	0	0	9	0	0	23	29	23	52
LE GRAND	32	0	35	0	5	0	0	0	8	0	0	3	0	0	962	3	965
LIVINGSTON	4	0	0	9	19	38	24	54	75	14	16	79	198	122	405	399	804
MERCED	14	90	28	18	25	30	19	31	12	20	56	10	51	58	10,304	119	10,423
MILO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	0	92
MONO	24	165	22	32	32	5	20	8	28	0	0	0	0	0	1,285	0	1,285
MONTEREY	382	162	142	36	457	793	457	586	257	570	719	1,417	809	888	7,347	3,114	10,461
MORLEY	0	0	0	1	0	0	0	0	61	20	24	21	52	13	112	86	198
N-43	0	0	0	0	0	0	0	0	0	0	0	1	0	0	57	1	58
NE PLUS ULTRA	71	103	56	47	67	89	32	131	31	30	55	78	114	49	10,729	241	10,970
NONPAREIL	3,276	3,846	3,585	2,975	4,052	5,793	6,918	7,460	3,963	4,171	6,082	8,671	8,795	6,127	183,937	23,593	207,530
NORMAN	0	0	0	0	13	0	0	0	0	2	2	0	1	0	396	1	397
PADRE	58	4	18	49	237	296	469	953	852	656	1,050	1,603	2,787	1,153	4,668	5,543	10,211
PEERLESS	254	278	295	204	153	254	206	236	60	176	117	257	211	139	9,267	607	9,874
PRICE CLUSTER	716	857	946	799	769	819	840	1,033	429	608	569	391	412	287	22,880	1,090	23,970
RUBY	240	246	74	125	308	438	186	238	151	66	135	65	37	42	4,467	144	4,611
SAURET #1	7	2	18	0	1	2	0	8	1	37	25	4	0	1	588	5	593
SAURET #2	0	3	18	0	0	0	0	2	2	0	0	4	0	2	466	6	472
SAVANA	0	0	0	3	0	0	0	0	60	20	24	21	29	13	114	63	177
SCHELETTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	80
SONORA	0	17	40	30	98	252	907	631	276	424	920	1,408	1,431	935	3,609	3,774	7,383
TEXAS/MISSION	581	366	201	312	534	805	566	511	505	512	678	766	871	561	26,850	2,198	29,048
THOMPSON	114	18	42	0	46	2	13	22	1	1	11	22	6	22	5,534	50	5,584
TOKOYO	0	3	13	0	21	6	14	0	14	0	0	2	0	13	606	15	621
WALTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	0	53
WOOD COLONY	0	2	8	0	21	45	163	226	131	240	245	280	355	240	1,105	875	1,980
YOSEMITE	11	0	0	0	0	0	0	0	0	0	0	0	0	32	475	32	507
OTHER	5	35	3	16	55	16	33	15	126	38	47	188	92	212	816	492	1,308
CROP TOTAL	9,397	9,593	8,825	7,647	10,884	15,578	17,339	19,702	11,592	12,000	16,862	23,017	25,761	17,307	400,692	66,085	466,777

a/ Non-bearing includes plantings for 1994-96. Summing years to bearing, non-bearing, and total may not agree due to rounding.

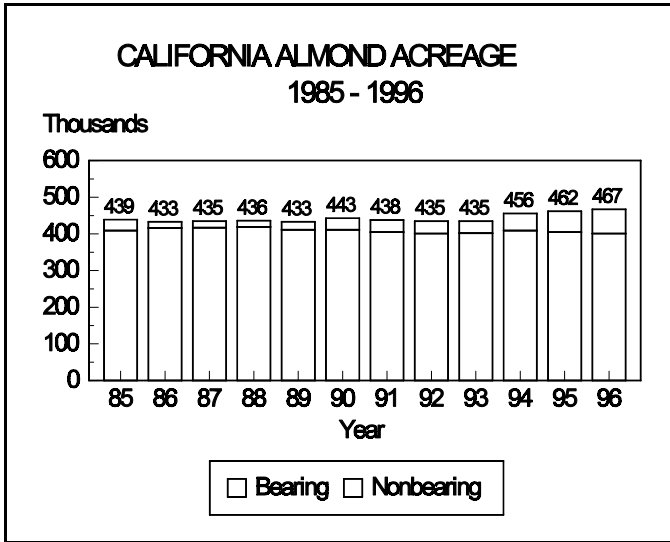
1996 NONPAREIL VARIETY ACREAGE SUMMARY BY YEAR PLANTED (Continued)

County	1967 & Earlier	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
BUTTE	3,189	264	540	531	269	334	581	760	621	341	52	328	595	1,138	1,184	541
CALAVERAS	2	0	0	7	0	0	0	0	0	0	0	0	0	3	0	0
COLUSA	1,480	153	57	67	22	156	137	97	56	81	9	95	81	716	486	472
CONTRA COSTA	11	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
FRESNO	325	34	39	108	141	328	886	1,772	991	456	277	248	741	1,005	2,008	836
GLENN	880	86	111	34	257	10	208	664	377	24	14	138	714	549	647	444
KERN	187	9	575	1,823	2,973	2,252	2,134	3,941	1,484	308	96	455	1,608	2,069	4,880	1,157
KINGS	0	0	0	0	30	0	0	5	21	0	0	38	0	51	203	96
LAKE	1	0	0	0	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
MADERA	949	380	52	515	251	329	348	658	1,003	320	33	517	946	1,267	1,456	1,467
MERCED	3,754	497	507	413	621	692	1,287	914	1,197	622	649	1,583	2,692	2,788	2,106	1,117
PLACER	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
SACRAMENTO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN BENITO	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
SAN JOAQUIN	3,125	499	242	571	415	365	351	794	706	382	280	772	1,035	872	1,124	413
SAN LUIS OBISPO	831	21	11	9	7	23	0	0	8	0	0	0	0	0	0	7
SOLANO	242	2	0	19	3	4	0	21	21	0	4	4	0	0	0	20
STANISLAUS	2,808	804	336	1,181	423	1,335	1,456	1,403	1,132	844	965	2,028	2,788	1,835	1,885	1,329
SUTTER	382	78	30	23	3	3	95	76	40	4	36	40	34	60	25	14
TEHAMA	85	5	0	9	6	74	170	11	109	0	21	1	34	365	618	413
TULARE	41	60	31	9	0	119	26	317	65	0	0	198	246	424	688	244
YOLO	736	22	6	12	1	20	18	34	12	6	20	33	13	10	52	55
YUBA	242	0	0	28	1	0	62	41	93	0	19	7	3	0	17	3
STATE TOTAL	19,292	2,915	2,537	5,359	5,423	6,044	7,759	11,508	7,936	3,391	2,475	6,485	11,530	13,153	17,380	8,629

1996 NONPAREIL VARIETY ACREAGE SUMMARY BY YEAR PLANTED

County	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Acres Standing in 1996 a/		
															Bearing	Non-Bearing	Total
BUTTE	266	148	213	203	127	266	132	339	149	481	300	520	615	784	13,892	1,919	15,811
CALAVERAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12
COLUSA	81	70	61	105	6	228	320	249	58	33	39	205	114	56	5,415	375	5,790
CONTRA COSTA	0	9	0	0	0	0	0	0	0	2	0	0	0	0	25	0	25
FRESNO	227	388	552	608	1,062	1,247	934	1,921	460	467	952	927	1,025	324	19,013	2,276	21,289
GLENN	91	231	100	0	59	370	458	412	128	200	168	717	729	468	7,374	1,914	9,288
KERN	585	527	427	367	491	834	2,089	1,604	519	310	1,878	2,706	2,205	1,448	35,582	6,359	41,941
KINGS	35	0	1	51	10	12	38	11	240	0	30	26	36	0	872	62	934
LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
LOS ANGELES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
MADERA	320	656	645	431	274	450	635	382	371	98	310	339	750	254	15,063	1,343	16,406
MERCED	440	827	559	361	697	660	1,106	1,127	763	933	823	1,389	1,007	583	29,735	2,979	32,714
PLACER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21
RIVERSIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
SACRAMENTO	0	0	0	54	0	0	0	0	0	0	0	0	0	0	54	0	54
SAN BENITO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN BERNARDINO	17	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	17
SAN JOAQUIN	339	273	267	270	344	384	281	327	196	473	445	452	543	477	15,545	1,472	17,017
SAN LUIS OBISPO	7	0	0	0	0	0	0	0	0	0	0	0	0	0	924	0	924
SOLANO	0	0	0	0	0	0	10	4	0	0	0	0	43	18	354	61	415
STANISLAUS	497	540	682	436	677	1,005	699	803	779	713	839	1,117	1,232	884	30,222	3,233	33,455
SUTTER	12	36	0	11	11	26	20	0	25	2	10	47	51	42	1,096	140	1,236
TEHAMA	59	0	38	48	203	63	99	109	150	5	131	69	181	167	2,826	417	3,243
TULARE	204	133	35	3	57	199	79	159	86	428	121	137	205	182	3,972	524	4,496
YOLO	96	8	5	27	23	31	18	12	12	26	37	20	59	15	1,345	94	1,439
YUBA	0	0	0	0	11	18	0	1	27	0	0	0	0	425	573	425	998
STATE TOTAL	3,276	3,846	3,585	2,975	4,052	5,793	6,918	7,460	3,963	4,171	6,082	8,671	8,795	6,127	183,937	23,593	207,530

a/ Non-bearing includes plantings for 1994-96. Summing years to bearing, non-bearing, and total may not agree due to rounding.



COUNTIES SURVEYED IN 1997	
Alameda	Monterey
Amador	Napa
Calaveras	Riverside
Colusa	San Benito
El Dorado	San Diego
Fresno	San Mateo
Kern	Santa Cruz
Kings	Sutter
Lake	Tulare
Madera	Ventura
Merced	

