

2001 California Walnut Acreage Report

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CALIFORNIA AGRICULTURAL
STATISTICS SERVICE

RESULTS

California's 2001 walnut acreage is estimated by the California Agricultural Statistics Service (CASS) at 224,000 acres, less than 1 percent from 2000. Of the total acreage, 196,000 were bearing and 28,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE ^{1/}

Year	Bearing	Non-Bearing	Total
1998	193,000	28,000	221,000
1999	191,000	29,000	220,000
2000	193,000	30,000	223,000
2001	196,000	28,000	224,000

^{1/} Reported data with an allowance for incompleteness.

Of the walnut acreage in our database, Chandler continues to be the leading variety for the second year in a row with 55,502 total acres planted, followed by Hartley with 50,201 total acres planted. Chandler accounted for 39 percent of the non-bearing acreage.

San Joaquin County continues to show the largest acreage planted with 15 percent of the total, followed by Tulare County with 12 percent, and Stanislaus County with 11 percent.

OBJECTIVES

The purpose of this survey is to provide annual walnut acreage with information on new plantings and removals. It is a continuation of a long series of industry-funded walnut acreage surveys.

Users are cautioned that this report consists of two parts:

- ▶ Estimated walnut acreage -- bearing, non-bearing, and total.
- ▶ Detailed data by variety, year planted, and county -- as voluntarily reported by walnut growers and maintained in CASS' data base.

With perfect information, the estimated walnut acreage and the detailed data would be equivalent. However, this will never be the case for the following reasons:

- ▶ A voluntary census of 5,500 walnut 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 walnuts for the first time.
- ▶ The detailed data reflects tree removals from more than 4,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2001 prior to being pulled out, and that acreage has already been removed from the detailed data.

PROCEDURES

To arrive at the estimated walnut acreage, a sample was selected from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation. This sample was compared to the walnut acreage data base as maintained by CASS. When significant discrepancies were detected, the grower was contacted to obtain additional data and the information was included in the detailed data.

The major source of the walnut detailed data was a questionnaire mailed to all walnut growers included in CASS' data base. The mailing was made in late December 2001 to approximately 5,500 walnut 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.

ACKNOWLEDGMENTS

We sincerely thank the many farm operators, owners, and management firms providing the information. Likewise, thanks to the Walnut Marketing Board for providing funding and support of this special acreage update survey.

Appreciation is due the following office staff for the hundreds of hours spent phoning and processing survey information: Pamela Benner, Regina Claypoole, April Camara, Pearl Gonzalez, Ann Jehn, Janell McAllister, Lupe Moreno, Jeremiah Rhine, and Sheryl Zazzi.

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2001 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED a/

County	1989 & Earlier	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Acres Standing in 2001		
														Bearing	Non-Bearing	Total
Alameda	21	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21
Amador	437	2	9	1	3	1	15	12	2	0	0	0	0	471	10	481
Butte	14,011	483	421	538	735	1,081	434	653	642	101	1,112	892	373	18,813	2,664	21,477
Calaveras	590	26	4	0	0	4	0	14	9	13	5	0	0	642	23	666
Colusa	3,843	67	19	51	127	39	108	7	28	44	69	163	27	4,266	324	4,590
Contra Costa	650	21	7	25	15	2	3	8	36	24	2	0	0	766	27	793
El Dorado	206	0	0	0	0	0	0	1	0	30	0	0	0	206	30	236
Fresno	2,154	108	72	116	53	75	310	243	249	232	73	5	182	3,345	527	3,872
Glenn	4,789	137	95	119	406	715	603	658	652	459	595	472	265	8,087	1,877	9,965
Kern	1,344	14	16	12	0	1	1	17	0	0	85	113	1	1,405	199	1,604
Kings	4,283	135	101	156	266	640	315	483	269	728	778	121	128	6,568	1,837	8,404
Lake	4,494	21	12	26	3	30	30	10	8	15	17	1	7	4,631	44	4,675
Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madera	816	50	0	17	74	4	6	33	88	0	2	0	2	1,086	5	1,091
Marin	11	0	0	0	0	0	0	0	0	0	2	0	0	11	2	13
Mendocino	44	0	0	0	2	0	0	0	3	0	0	0	0	49	0	49
Merced	3,590	75	177	231	270	187	295	136	238	236	453	169	75	5,081	1,053	6,134
Monterey	259	0	21	0	0	0	0	0	106	0	54	0	0	385	54	439
Napa	195	0	0	1	0	1	0	1	0	0	0	0	0	196	1	197
Placer	1,067	0	0	0	15	0	0	0	0	0	15	0	14	1,081	29	1,110
Riverside	36	0	0	0	0	0	0	0	0	0	0	0	0	36	0	36
Sacramento	194	1	0	0	0	2	2	27	0	0	0	0	0	226	0	226
San Benito	1,653	67	38	11	49	12	46	33	42	13	11	26	4	1,910	94	2,004
San Bernardino	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Diego	20	0	0	0	0	0	0	0	0	0	0	0	0	20	0	20
San Joaquin	22,022	820	662	757	807	1,155	1,089	924	939	654	876	609	284	28,838	2,761	31,598
San Luis Obispo	2,369	50	81	115	16	1	7	71	0	0	1	17	0	2,638	89	2,727
San Mateo	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Santa Barbara	611	25	0	0	0	0	4	3	3	21	21	0	0	645	42	687
Santa Clara	434	25	13	12	1	28	22	2	1	0	0	0	0	536	3	539
Santa Cruz	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Shasta	515	0	0	0	26	0	11	0	33	87	175	4	0	580	272	853
Solano	3,869	132	143	164	117	108	385	221	310	230	187	65	50	5,243	737	5,980
Sonoma	183	0	0	0	0	0	0	1	0	0	0	0	0	183	1	184
Stanislaus	13,351	714	316	541	787	831	1,096	832	610	1,179	859	743	189	18,919	3,127	22,046
Sutter	11,403	465	524	502	735	574	588	705	472	573	423	406	287	15,895	1,760	17,655
Tehama	9,679	211	343	206	168	303	498	800	848	344	276	1,126	205	13,022	1,985	15,007
Tulare	17,187	457	547	681	765	982	951	823	921	722	1,386	233	190	23,163	2,680	25,843
Tuolumne	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Ventura	199	0	0	0	0	0	0	0	0	0	0	0	0	199	0	199
Yolo	6,018	307	296	168	231	432	402	353	365	584	281	261	92	8,439	1,350	9,789
Yuba	6,358	114	254	210	194	71	152	145	249	92	240	138	62	7,626	652	8,278
State Total	138,907	4,525	4,171	4,661	5,865	7,277	7,371	7,217	7,122	6,379	7,997	5,564	2,436	185,231	24,260	209,491

a/ Totals may not add due to rounding.

WALNUT ACREAGE AS OF 2001 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2001 a/

Variety	1989 & Earlier	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Acres Standing in 2001		
														Bearing	Non-Bearing	Total
Amigo	182	0	0	0	0	0	0	0	4	0	0	0	0	182	4	186
Ashley	7,518	4	55	60	54	1	1	34	6	55	2	55	0	7,727	118	7,844
Blackmer /Mautner /Vaughn	1,016	0	0	2	0	0	4	70	0	0	0	0	0	1,022	70	1,092
Chandler	13,380	2,271	2,534	3,004	4,428	5,722	5,212	4,965	4,564	3,400	3,592	1,603	826	46,081	9,421	55,502
Chico	3,221	36	158	13	4	22	45	1	0	1	0	0	0	3,500	2	3,502
Cisco	2	8	8	5	20	19	8	19	7	3	8	1	3	87	22	109
Eureka	4,577	33	18	24	19	13	25	51	25	15	24	9	6	4,708	130	4,838
Franquette	10,168	108	70	47	63	80	73	47	43	73	51	25	6	10,536	319	10,855
Franquette Scharsch	69	2	0	4	12	2	1	18	1	7	1	1	1	89	31	120
Grove	46	0	0	0	0	0	0	0	7	0	0	0	0	46	7	53
Gustine	351	0	0	2	0	0	0	0	0	0	0	0	0	353	0	353
Hartley	44,284	1,093	653	907	372	299	329	334	559	273	254	619	226	47,937	2,264	50,201
Howard	480	28	10	35	39	13	297	311	685	773	1,335	1,969	648	1,897	4,726	6,623
Lompoc	45	15	0	0	5	0	0	0	0	0	0	0	0	65	0	65
Marchetti	408	2	0	0	0	0	13	0	0	19	0	0	0	424	19	442
Mayette	628	1	0	1	3	0	0	0	0	0	3	0	0	633	3	636
Midland	238	0	0	0	0	0	0	0	0	0	0	0	0	238	0	238
Nuggett	521	1	0	0	0	0	0	0	2	0	0	0	0	523	2	524
Payne	10,226	144	116	44	118	111	138	30	101	57	94	74	28	10,928	353	11,281
Pedro	562	0	0	0	0	0	0	0	0	0	0	1	0	562	1	563
Pioneer	28	0	0	0	0	0	36	0	0	0	0	0	0	64	0	64
Poe	451	0	0	0	0	0	0	0	0	0	0	0	0	451	0	451
Serr	19,688	121	94	97	116	346	292	569	163	122	436	220	97	21,324	1,039	22,364
Sunland	1,226	129	127	16	37	7	190	7	4	0	1	0	25	1,739	30	1,769
Tehama	4,938	59	10	0	1	1	4	0	7	0	2	86	8	5,013	103	5,116
Trinta	1,010	0	0	0	0	0	0	0	0	8	0	0	0	1,010	8	1,018
Tulare	104	46	6	52	179	200	418	334	609	1,223	1,867	712	484	1,948	4,286	6,234
Vina	11,972	407	289	308	388	397	242	401	257	240	322	164	77	14,403	1,059	15,463
Waterloo	741	0	22	0	0	0	20	0	0	0	0	12	0	783	12	794
Westside	66	0	0	0	0	0	0	0	0	0	0	0	0	66	0	66
All Others	760	17	1	41	9	46	21	26	78	110	5	13	1	895	232	1,127
State Total	138,907	4,525	4,171	4,661	5,865	7,277	7,371	7,217	7,122	6,379	7,997	5,564	2,436	185,231	24,260	209,491

a/ Shaded/Bold area represents non-bearing years and includes plantings of the following: Chandler, Chico, Howard, Tulare (1998-01); 50-55, 59-124, 4946, Amigo, Ashley, Bardoni, Cisco, Earhorn, Grove, Gustine, Honeycutt, Houston, Jensen, Lompoc, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, UCD 67-13, Vina, Westside (1997-01); Franquette, Franquette Scharsch, Mayette, Placentia, Poe, Willsons/Willsons Wonder, Woodland (1995-01); all other varieties not specified (1996-01). Totals may not add due to rounding.