

# 2005 California Walnut Acreage Report



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USDA, National Agricultural Statistics Service,  
California Field Office

## RESULTS

California's 2005 walnut acreage is estimated at 241,000 acres, up slightly from 2003. Of the total acreage, 215,000 were bearing and 26,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE <sup>1/</sup>

Year	Bearing	Non-Bearing	Total
2000	200,000	31,000	231,000
2001	204,000	29,000	233,000
2002	210,000	27,000	237,000
2003	213,000	27,000	240,000
2004	214,000 <sup>2/</sup>	N/A	N/A
2005	215,000	26,000	241,000

<sup>1/</sup> Reported data with an allowance for incompleteness.

<sup>2/</sup> Revised.

Of the walnut acreage reported, Chandler continues to be the leading variety with 64,969 total acres planted, followed by Hartley with 43,668 total acres planted. Chandler accounted for 32 percent of the non-bearing acreage.

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

## OBJECTIVES

The California Field Office of the USDA's National Agricultural Statistics Service (NASS) conducts an acreage survey of California walnut growers. 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 the NASS data base.

With perfect information, the estimated walnut acreage and the detailed data would be the same. However, differences exist for the following reasons:

- ▶ A voluntary survey of more than 5,000 walnut growers is unlikely to ever attain 100 percent completeness.
- ▶ It is difficult for USDA, NASS to detect growers that are planting walnuts for the first time.

- ▶ The detailed data reflects tree removals from more than 8,500 acres during the past two years. Of this number, some acreage was harvested in 2005 prior to being pulled out, and that acreage has already been removed from the detailed data.

## PROCEDURES

The major source of the walnut detailed data was a questionnaire mailed to all walnut growers included in the NASS data base. The mailing was made in late September 2005 to approximately 5,000 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.

To arrive at the estimated walnut acreage, the NASS walnut acreage data base was compared with pesticide application data maintained by County Agricultural Commissioners and the California Department of Pesticide Regulation.

## ACKNOWLEDGMENTS

The USDA, NASS, California Field Office sincerely appreciates the many farm operators, owners, and management firms providing the information. Special thanks is due 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 collecting and processing survey information: Kelly Albelo, Carol Cole, Peggy Gibson, Pearl Gonzalez, Ann Jehn, Jeff Olson, Lupe Oropeza, Cordia Weems, and Sheryl Zazzi.

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**2005 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED a/**

County	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Acres Standing in 2005		
														Bearing	Non-Bearing	Total
Alameda	9	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Amador	369	1	15	12	2	0	0	0	0	0	0	0	0	399	0	399
Butte	14,106	1,075	586	593	620	131	1,133	1,245	451	777	1,266	1,569	676	19,828	4,398	24,226
Calaveras	688	4	5	25	9	13	5	1	5	51	0	0	0	750	57	806
Colusa	3,329	125	108	6	55	44	86	173	14	196	245	155	63	3,758	840	4,598
Contra Costa	454	2	3	6	57	34	4	3	23	4	20	0	8	582	34	616
El Dorado	195	0	1	0	0	23	0	0	2	0	0	0	4	220	5	225
Fresno	1,893	91	328	248	362	251	83	84	183	190	157	274	1	3,507	637	4,144
Glenn	4,417	823	564	705	619	412	505	654	1,939	902	959	583	223	10,499	2,804	13,303
Humboldt	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1
Kern	1,414	1	1	0	0	0	85	113	1	1	0	0	0	1,614	1	1,615
Kings	3,964	718	318	573	380	476	671	165	169	154	235	178	151	7,366	785	8,150
Lake	3,977	27	29	10	6	20	16	7	7	1	18	27	22	4,090	77	4,167
Los Angeles	3	0	0	0	0	0	0	0	0	1	0	0	0	3	1	3
Madera	846	4	5	33	102	0	80	0	2	0	0	0	0	1,070	2	1,072
Marin	11	0	0	0	0	0	2	0	0	0	0	0	0	13	0	13
Mendocino	42	0	0	0	3	0	0	0	0	0	0	0	0	44	0	44
Merced	3,853	215	298	124	245	267	469	220	92	203	192	159	8	5,752	592	6,343
Monterey	231	0	1	0	106	0	64	0	1	0	0	80	0	402	80	482
Napa	138	0	0	0	0	0	0	0	0	0	0	0	0	138	0	138
Placer	1,060	0	0	0	0	0	15	6	14	32	0	0	0	1,095	32	1,127
Riverside	31	0	0	0	0	0	0	0	0	0	0	0	0	31	0	31
Sacramento	178	0	2	27	0	0	0	0	0	0	0	0	0	207	0	207
San Benito	1,207	17	49	33	43	17	15	41	7	14	8	23	4	1,419	59	1,478
San Bernardino	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Diego	11	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11
San Joaquin	21,733	1,377	1,308	1,010	1,023	690	1,098	763	377	624	691	446	263	29,160	2,244	31,404
San Luis Obispo	2,500	1	6	1	0	0	1	16	3	0	1	0	22	2,521	30	2,550
San Mateo	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Santa Barbara	554	0	4	3	3	3	3	0	0	25	9	0	0	569	34	603
Santa Clara	349	46	22	2	1	0	0	15	0	0	0	4	0	436	4	440
Santa Cruz	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Shasta	454	0	11	0	33	87	169	5	90	19	2	15	0	849	37	885
Siskiyou	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1
Solano	4,276	107	390	206	270	270	205	164	123	22	182	63	6	5,961	322	6,283
Sonoma	166	0	0	1	0	0	0	0	0	0	0	0	0	167	0	167
Stanislaus	12,468	817	1,105	837	728	1,437	1,225	807	347	460	472	603	387	19,585	2,108	21,692
Sutter	12,306	570	784	769	640	728	689	475	477	265	407	402	508	17,362	1,657	19,019
Tehama	9,063	288	488	797	746	360	341	1,251	351	253	602	486	316	13,662	1,681	15,343
Tulare	15,313	1,007	920	877	982	848	1,755	403	361	314	541	103	82	22,409	1,097	23,506
Ventura	107	0	0	0	0	0	0	0	0	0	0	0	0	107	0	107
Yolo	5,732	428	422	358	329	406	285	243	139	59	108	448	292	8,285	964	9,250
Yuba	6,453	79	202	131	295	174	445	205	62	281	366	262	260	8,024	1,190	9,215
State Total	133,905	7,823	7,974	7,386	7,659	6,689	9,448	7,059	5,237	4,847	6,478	5,881	3,297	191,911	21,770	213,681

a/ Totals may not add due to rounding.

**WALNUT ACREAGE AS OF 2005 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY**  
**ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2005 a/**

Variety	1993 and Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Acres Standing in 2005		
														Bearing	Non-Bearing	Total
Amigo	167	0	0	0	4	0	0	0	0	0	0	0	0	171	0	171
Ashley	5,662	1	0	27	2	55	33	55	0	3	0	0	0	5,834	3	5,837
Blackmer/ Mautner/Vaughn	837	0	4	0	0	0	0	0	0	0	0	0	0	841	0	841
Chandler	25,080	6,159	5,717	5,081	4,740	3,506	3,916	2,353	1,355	1,617	1,991	2,012	1,441	57,907	7,061	64,969
Chico	2,813	22	21	1	0	5	0	0	0	0	90	0	0	2,863	90	2,953
Cisco	42	18	7	17	8	3	8	2	3	3	8	1	0	104	15	119
Eureka	3,439	13	17	47	20	13	30	9	10	16	9	42	0	3,579	86	3,664
Franquette	8,205	83	68	42	43	78	44	37	37	29	47	11	3	8,519	209	8,728
Franquette Scharsch	85	2	1	16	1	7	1	10	1	2	0	0	0	112	14	126
Gustine	234	0	0	0	0	0	0	0	0	0	0	0	0	234	0	234
Hartley	39,600	275	322	289	607	314	247	590	271	425	328	291	108	41,655	2,013	43,668
Howard	607	13	337	358	792	762	1,441	2,264	2,478	1,565	2,315	1,409	903	9,053	6,192	15,245
Marchetti	378	0	0	0	0	7	0	0	0	0	0	0	0	384	0	384
Mayette	466	0	0	0	0	0	3	0	0	0	0	0	0	466	3	469
Midland	231	0	0	0	0	0	0	0	0	0	0	0	0	231	0	231
Nuggett	469	0	0	0	2	0	0	0	0	0	0	0	0	471	0	471
Payne	7,104	92	135	19	97	56	101	85	19	4	8	27	1	7,689	59	7,747
Pedro	517	0	0	0	0	0	0	1	0	0	0	0	0	518	0	518
Pioneer	52	0	36	0	0	0	0	0	0	0	0	0	0	88	0	88
Poe	398	0	0	0	0	0	0	0	0	0	10	0	0	398	10	408
Serr	16,954	384	294	590	289	190	461	214	111	41	20	11	45	19,377	227	19,604
Sunland	1,468	4	160	32	4	0	0	21	25	25	0	0	0	1,689	50	1,739
Tehama	3,959	0	4	0	8	0	2	81	3	0	0	0	0	4,054	3	4,058
Trinta	636	0	0	0	0	0	0	7	0	0	0	7	0	642	7	649
Tulare	493	257	501	469	767	1,484	2,701	1,133	857	849	1,392	1,647	588	8,660	4,476	13,136
Vina	12,524	455	289	371	258	198	409	171	61	193	142	27	47	14,676	470	15,146
Waterloo	685	0	20	0	0	0	0	1	0	6	0	0	2	705	8	713
All Others	802	46	40	26	18	12	50	26	6	68	119	395	160	993	774	1,766
<b>State Total</b>	<b>133,905</b>	<b>7,823</b>	<b>7,974</b>	<b>7,386</b>	<b>7,659</b>	<b>6,689</b>	<b>9,448</b>	<b>7,059</b>	<b>5,237</b>	<b>4,847</b>	<b>6,478</b>	<b>5,881</b>	<b>3,297</b>	<b>191,911</b>	<b>21,770</b>	<b>213,681</b>

a/ Totals may not add due to rounding. Shaded/bold area represents non-bearing years and includes plantings of the following: Chandler, Chico, Howard, Tulare (2002-2005); Amigo, Ashley, Cisco, Gustine, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina (2001-2005); Franquette, Franquette Scharsch, Mayette, Poe (1999-2005); all other varieties not specified (2000-2005).

**California Walnut Acreage, Production and Value, 1994-2005**

Year	Bearing	Non-Bearing	Production	Yield Per Acre	Grower Return Per Ton	Total Value
	<i>Acres</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
1994	189,000	25,600	232,000	1.23	1,030.00	238,960
1995	193,000	23,300	234,000	1.21	1,400.00	327,600
1996	192,000	23,200	208,000	1.08	1,580.00	328,640
1997	193,000	20,900	269,000	1.39	1,430.00	384,670
1998	198,000	29,000	227,000	1.15	1,050.00	238,350
1999	197,000	30,000	283,000	1.44	886.00	250,738
2000	200,000	31,000	239,000	1.20	1,240.00	296,360
2001	204,000	29,000	305,000	1.50	1,120.00	341,600
2002	210,000	27,000	282,000	1.34	1,170.00	329,940
2003	213,000	27,000	326,000	1.53	1,160.00	378,160
2004 <u>a/</u>	214,000	N/A	325,000	1.52	1,390.00	451,750
2005	215,000	26,000	355,000	1.65	b/	b/

a/ Revised 2004 bearing acreage and yield per acre.

b/ Price and value estimates for 2005 will be published July 6, 2006.

Source: USDA, NASS, California Field Office