



# 2007 California Walnut Acreage Report

Cooperating with the California Department of Food and Agriculture

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## RESULTS

California's 2007 walnut acreage is estimated at 243,000 acres, up slightly from 2005. Of the total acreage, 218,000 were bearing and 25,000 were non-bearing.

### WALNUT BEARING AND NON-BEARING ACREAGE a/

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 b/	214,000	N/A	N/A
2005	215,000	26,000	241,000
2006 b/	216,000	N/A	N/A
2007	218,000	25,000	243,000

a/ Reported data with an allowance for incompleteness.

b/ Beginning with 2003, acreage survey conducted every other year.

Of the walnut acreage reported, Chandler continues to be the leading variety with 61,653 bearing acres, followed by Hartley with 40,398 bearing acres. Chandler also accounted for 49 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 with 12 percent and Tulare with 10 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 database.

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 4,600 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 nearly 10,000 acres during the past two years. Of this number, some acreage was harvested in 2007 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 database. The mailing was made in late September 2007 to approximately 4,600 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 database 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 are 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, Jeff Olson, Lupe Oropeza, Cordia Weems, and Sheryl Zazzi.

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2007 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED 1/

County	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Acres Standing in 2007		
														Bearing	Non-Bearing	Total
Alameda	9	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Amador	375	12	2	0	0	0	0	0	0	0	0	0	0	388	0	388
Butte	15,430	593	619	166	1,157	1,401	465	889	1,193	1,972	677	879	581	21,691	4,330	26,020
Calaveras	681	25	9	13	5	1	5	51	0	0	0	0	0	784	6	790
Colusa	3,268	6	45	44	44	175	14	196	249	165	16	35	147	4,026	377	4,403
Contra Costa	423	6	57	34	4	3	23	4	20	0	8	0	0	559	22	581
El Dorado	185	0	0	23	0	0	2	0	0	0	4	0	0	210	4	215
Fresno	2,184	216	364	280	88	84	174	178	157	235	14	24	201	3,689	508	4,196
Glenn	5,360	855	620	430	554	649	1,933	841	835	300	395	283	206	11,859	1,401	13,259
Humboldt	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
Kern	783	0	0	0	85	113	1	1	0	0	0	0	0	983	0	983
Kings	4,706	573	397	477	679	190	172	154	235	178	197	285	279	7,542	981	8,523
Lake	3,920	10	6	20	13	7	7	1	22	23	43	19	37	3,989	138	4,127
Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madera	827	33	102	0	80	0	2	0	0	0	0	0	160	1,044	160	1,204
Marin	11	0	0	0	2	0	0	0	0	0	0	0	0	13	0	13
Mendocino	41	0	3	0	0	0	0	0	0	0	0	0	0	44	0	44
Merced	3,929	123	245	264	469	220	104	209	221	126	37	212	62	5,628	591	6,219
Monterey	198	0	106	0	64	0	1	0	0	80	0	0	0	369	80	449
Napa	130	0	0	0	0	0	0	0	0	1	0	0	0	130	1	131
Placer	1,060	0	0	0	15	6	14	32	0	12	0	0	0	1,126	12	1,138
Riverside	31	0	0	0	0	3	0	0	0	0	0	0	0	34	0	34
Sacramento	253	27	137	300	0	0	0	0	0	0	0	0	0	717	0	717
San Benito	1,123	32	42	17	9	43	7	6	8	23	4	8	9	1,275	57	1,332
San Bernardino	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Joaquin	23,077	1,001	1,032	733	1,124	799	325	652	712	578	372	569	516	29,215	2,275	31,490
San Luis Obispo	2,498	1	0	0	1	16	3	0	1	0	22	2	0	2,515	28	2,543
Santa Barbara	534	3	3	3	3	0	0	25	9	0	0	0	0	570	9	579
Santa Clara	349	1	1	0	0	15	0	0	0	4	0	0	0	367	4	371
Santa Cruz	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Shasta	432	0	33	87	169	5	90	19	2	15	0	0	0	815	37	852
Siskiyou	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
Solano	4,716	206	270	278	248	162	123	21	185	63	4	52	0	6,110	220	6,330
Sonoma	151	1	0	0	0	0	0	0	0	0	0	0	0	153	0	153
Stanislaus	12,857	834	725	1,376	1,176	824	372	432	457	626	436	325	150	18,988	1,603	20,590
Sutter	13,458	804	595	979	684	443	495	303	452	449	699	522	297	18,122	2,058	20,180
Tehama	8,870	759	841	404	454	1,220	446	290	631	582	518	510	114	13,890	1,750	15,639
Tulare	15,295	868	983	812	1,754	480	503	324	651	156	151	434	139	21,663	885	22,549
Ventura	84	0	0	0	0	0	0	0	0	0	0	0	0	84	0	84
Yolo	6,360	358	210	406	263	249	168	95	182	492	341	103	222	8,258	1,192	9,450
Yuba	6,096	131	295	173	425	240	31	219	291	235	414	757	67	7,899	1,475	9,373
State Total	139,708	7,476	7,742	7,318	9,569	7,348	5,477	4,942	6,513	6,314	4,352	5,019	3,185	194,762	20,201	214,963

1/ Totals may not add due to rounding.

**WALNUT ACREAGE AS OF 2007 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY**  
**ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2007 a/**

Variety	1995 and Earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Acres Standing in 2007		
														Bearing	Non-Bearing	Total
Amigo	122	0	4	0	0	0	0	0	0	0	0	0	0	126	0	126
Ashley	5,097	27	2	55	33	55	0	3	0	0	0	1	0	5,272	1	5,273
Blackmer/ Mautner/Vaughn	737	0	0	0	0	0	0	0	0	0	0	0	0	737	0	737
Chandler	36,409	5,019	4,692	3,994	3,805	2,444	1,468	1,644	2,179	<b>2,381</b>	<b>1,930</b>	<b>3,349</b>	<b>2,318</b>	61,653	<b>9,979</b>	71,631
Chico	2,249	1	0	5	0	0	0	0	0	0	0	0	0	2,255	0	2,255
Cisco	62	17	7	3	8	2	3	3	8	1	0	0	0	105	9	114
Eureka	2,913	44	15	12	25	7	8	7	8	<b>42</b>	0	3	0	3,023	<b>60</b>	3,083
Franquette	7,610	40	42	77	44	37	<b>37</b>	<b>29</b>	<b>47</b>	7	3	0	0	7,852	<b>123</b>	7,975
Franquette Scharsch	69	16	1	7	1	10	1	2	0	0	0	0	0	105	3	108
Gustine	235	0	0	0	0	0	0	0	0	0	0	0	0	235	0	235
Hartley	37,883	452	583	377	259	583	260	<b>469</b>	<b>344</b>	<b>168</b>	<b>115</b>	<b>49</b>	<b>83</b>	40,398	<b>1,228</b>	41,626
Howard	961	374	827	856	1,639	2,190	2,535	1,590	2,263	<b>1,838</b>	<b>1,297</b>	<b>758</b>	<b>281</b>	13,235	<b>4,174</b>	17,409
Marchetti	311	0	0	0	0	0	0	0	0	0	0	0	0	311	0	311
Mayette	432	0	0	0	3	0	0	0	0	0	1	0	0	435	1	436
Midland	188	0	0	0	0	0	0	0	0	0	0	0	0	188	0	188
Nuggett	383	0	2	0	0	0	0	0	0	0	0	0	0	385	0	385
Payne	6,307	25	96	60	101	65	21	5	13	<b>30</b>	4	<b>22</b>	8	6,679	<b>75</b>	6,754
Pedro	517	0	0	0	0	1	0	0	0	0	0	0	0	518	0	518
Pioneer	83	0	0	0	0	0	0	0	0	0	0	0	0	83	0	83
Poe	381	0	0	0	0	0	0	0	10	0	0	0	0	381	10	391
Serr	15,803	582	287	195	490	214	105	36	21	15	53	40	32	17,712	<b>160</b>	17,873
Sunland	1,604	32	4	0	0	21	25	25	0	0	0	0	0	1,712	0	1,712
Tehama	3,451	0	8	0	2	81	3	0	0	0	0	25	0	3,546	<b>25</b>	3,571
Trinta	630	0	0	0	0	7	0	5	0	7	0	0	0	642	7	649
Tulare	1,316	473	792	1,452	2,706	1,238	850	828	1,358	<b>1,574</b>	<b>782</b>	<b>590</b>	<b>350</b>	11,013	<b>3,296</b>	14,309
Vina	12,574	349	362	183	389	211	134	223	122	<b>88</b>	54	33	11	14,425	<b>308</b>	14,734
Waterloo	564	0	0	0	0	1	0	6	0	0	0	0	0	565	6	571
All Others	816	26	18	42	63	183	26	67	142	164	113	149	101	1,174	<b>736</b>	1,910
State Total	139,708	7,476	7,742	7,318	9,569	7,348	5,477	<b>4,942</b>	<b>6,513</b>	<b>6,314</b>	<b>4,352</b>	<b>5,019</b>	<b>3,185</b>	194,762	<b>20,201</b>	214,963

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 (2004-2007); Amigo, Ashley, Cisco, Gustine, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina (2003-2007); Franquette, Franquette Scharsch, Mayette, Poe (2001-2007); all other varieties not specified (2002-2007).

**California Walnut Acreage, Production and Value, 1994-2007**

Year	Bearing	Non-Bearing	Production	Yield Per Acre	Grower Return Per Ton	Total Value
	<i>Acres</i>	<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	214,000	N/A	325,000	1.52	1,390.00	451,750
2005	215,000	26,000	355,000	1.65	1,570.00	557,350
2006	216,000	N/A	346,000	1.60	1,630.00	563,980
2007	218,000	25,000	320,000	1.47	a/	a/

a/ Price and value estimates for 2007 will be published July 8, 2008.

Source: USDA, NASS, California Field Office