



United States Department of Agriculture
National Agricultural Statistics Service



2009 California Walnut Acreage Report

Cooperating with the California Department of Food and Agriculture

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RESULTS

California's 2009 walnut acreage is estimated at 255,000 acres, up 5 percent from 2007. Of the total acreage, 227,000 were bearing and 28,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE a/

Year	Bearing	Non-Bearing	Total
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
2008	223,000	N/A	N/A
2009	227,000	28,000	255,000

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 68,836 bearing acres, followed by Hartley with 38,626 bearing acres. Chandler also accounted for 64 percent of the non-bearing acreage.

San Joaquin County continues to show the largest acreage planted with 14 percent of the total, followed by Butte with 12 percent 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 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 approximately 4,200 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 8,500 acres during the past two years. Of this number, some acreage was harvested in 2009 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 to approximately 4,200 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 to the California Walnut Board for providing funding and support of this special acreage update survey.

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2009 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED 1/

County	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Acres Standing in 2009		
														Bearing	Non- Bearing	Total
Alameda	9	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Amador	385	0	0	0	0	0	1	0	0	0	0	0	0	386	0	386
Butte	15,570	206	1,230	1,262	871	1,077	1,309	2,069	713	975	743	553	863	24,174	3,267	27,441
Calaveras	753	13	5	1	5	51	0	0	0	0	0	0	0	828	0	828
Colusa	3,139	56	93	258	65	196	322	154	266	212	196	70	193	4,516	704	5,220
Contra Costa	407	33	4	3	3	4	11	4	8	0	0	1	0	476	1	476
El Dorado	161	23	0	1	2	0	1	0	4	0	0	0	0	188	4	193
Fresno	2,803	305	130	332	174	128	159	248	14	26	330	20	202	4,291	578	4,869
Glenn	6,164	430	503	620	1,104	980	850	220	450	676	392	501	680	11,253	2,316	13,568
Humboldt	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
Kern	634	0	85	113	1	1	0	0	0	0	0	0	0	833	0	833
Kings	5,545	714	881	328	174	262	293	364	367	368	436	119	202	8,873	1,181	10,054
Lake	3,857	20	12	16	7	7	20	23	9	50	18	18	66	3,947	177	4,124
Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madera	937	0	80	0	2	0	0	0	0	0	160	29	1	1,019	190	1,208
Marin	9	0	2	0	0	0	0	0	0	0	0	0	0	11	0	11
Mendocino	32	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32
Merced	3,164	243	481	259	167	225	249	231	37	229	140	4	126	4,967	586	5,554
Monterey	237	0	64	0	1	0	5	80	0	0	0	0	0	387	0	387
Napa	171	0	0	0	0	0	0	1	0	0	0	0	0	171	1	173
Nevada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Placer	882	0	15	6	14	32	0	12	4	0	0	0	0	961	4	965
Riverside	33	0	0	4	0	0	0	0	0	0	1	0	0	37	1	38
Sacramento	422	300	1	0	0	0	0	0	0	0	0	0	0	722	0	722
San Benito	1,206	35	13	41	4	6	9	23	4	8	9	14	1	1,341	32	1,374
San Bernardino	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Diego	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Joaquin	23,874	664	1,346	920	382	768	716	589	507	981	716	470	799	29,675	3,056	32,731
San Luis Obisp	2,551	0	1	16	3	0	1	0	0	1	0	0	0	2,571	1	2,572
Santa Barbara	512	3	3	0	0	25	9	0	0	0	0	0	0	552	0	552
Santa Clara	365	0	1	15	0	0	0	4	0	0	0	0	15	385	15	400
Santa Cruz	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Shasta	471	87	169	5	94	25	2	15	0	0	0	0	1	867	1	869
Siskiyou	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Solano	4,937	318	363	162	138	21	190	163	56	60	60	6	73	6,342	206	6,548
Sonoma	151	0	0	0	0	0	0	0	0	0	0	0	0	151	0	151
Stanislaus	13,364	1,432	1,290	809	501	501	524	901	573	468	475	496	462	19,838	1,957	21,795
Sutter	14,348	945	700	449	495	404	504	577	933	1,346	613	450	510	19,159	3,117	22,276
Tehama	9,864	389	503	1,113	462	252	678	564	513	592	281	407	199	14,303	1,513	15,816
Tulare	16,758	881	1,778	567	739	370	635	177	304	783	381	349	347	22,204	1,864	24,068
Ventura	87	0	0	0	0	0	0	0	0	0	0	0	0	87	0	87
Yolo	6,261	407	317	257	164	90	439	600	613	320	346	225	297	9,126	1,211	10,336
Yuba	6,384	164	453	232	36	259	308	291	427	865	67	123	314	8,548	1,374	9,922
State Total	146,451	7,668	10,523	7,789	5,605	5,683	7,235	7,311	5,801	7,959	5,361	3,854	5,351	203,236	23,356	226,592

1/ Totals may not add due to rounding.

WALNUT ACREAGE AS OF 2009 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2009 a/

Variety	1997 and Earlier	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Acres Standing in 2009		
														Bearing	Non-Bearing	Total
Amigo	108	0	0	0	0	0	0	0	0	0	0	0	0	108	0	108
Ashley	4,574	70	33	55	100	3	0	0	0	1	0	0	0	4,835	1	4,836
Blackmer/ Mautner/Vaughn	681	0	0	0	0	0	0	0	0	0	0	0	0	681	0	681
Chandler	45,546	4,009	4,055	2,735	1,870	2,422	2,481	2,938	2,781	5,176	3,744	2,713	3,205	68,836	14,838	83,674
Chico	1,896	5	0	0	0	0	0	0	0	0	0	0	1	1,901	1	1,902
Cisco	84	3	8	3	3	3	5	1	0	0	6	0	0	110	6	116
Eureka	2,511	12	20	8	8	7	27	42	0	1	1	1	16	2,592	61	2,653
Franquette	7,297	77	47	18	47	29	47	7	3	1	0	2	7	7,514	67	7,581
Franquette Scharsch	81	8	1	12	1	2	0	0	0	0	0	0	0	105	0	105
Gustine	167	0	0	0	0	0	0	0	0	20	0	1	0	167	21	188
Hartley	36,291	373	359	603	266	356	378	207	79	89	104	89	191	38,626	759	39,385
Howard	2,179	887	1,681	1,928	1,864	1,537	2,517	1,985	1,660	1,346	550	327	761	16,239	2,984	19,223
Marchetti	257	0	0	0	0	0	0	0	0	0	0	0	0	257	0	257
Mayette	415	0	3	0	0	0	0	0	1	0	0	0	0	418	2	419
Midland	114	0	0	0	0	0	0	0	0	0	0	0	0	114	0	114
Nuggett	264	0	0	0	0	0	0	0	0	0	0	0	0	264	0	265
Payne	5,361	64	103	77	41	5	13	27	4	22	8	15	32	5,690	80	5,770
Pedro	305	0	0	1	0	0	0	0	0	0	0	0	0	306	0	306
Pioneer	83	0	0	0	0	0	0	0	0	0	0	0	0	83	0	83
Poe	350	0	0	0	0	0	10	0	0	0	0	0	0	350	10	361
Serr	15,892	269	594	344	105	34	12	14	100	15	32	7	19	17,265	172	17,437
Sunland	1,569	0	0	21	25	25	0	0	0	0	0	0	0	1,640	0	1,640
Tehama	2,990	0	6	81	0	0	0	0	0	25	10	0	0	3,077	35	3,112
Trinta	625	0	0	0	0	5	0	7	0	0	0	0	7	637	7	644
Tulare	2,706	1,660	3,118	1,478	1,111	1,010	1,476	1,765	1,018	880	529	519	571	15,340	2,498	17,838
Vina	12,818	190	431	241	134	216	132	142	55	133	22	6	182	14,303	397	14,700
Waterloo	458	0	0	1	0	6	0	0	0	0	0	0	0	464	0	464
All Others	830	42	65	184	30	24	138	176	100	250	355	176	362	1,313	1,419	2,731
State Total	146,451	7,668	10,523	7,789	5,605	5,683	7,235	7,311	5,801	7,959	5,361	3,854	5,351	203,236	23,356	226,592

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 (2006-2009); Amigo, Ashley, Cisco, Gustine, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina (2005-2009); Franquette, Franquette Scharsch, Mayette, Poe (2003-2009); all other varieties not specified (2004-2009).

California Walnut Acreage, Production and Value, 1994-2009

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	328,000	1.50	2,290.00	751,120
2008	223,000	N/A	436,000	1.96	1,280.00	558,080
2009	227,000	28,000	437,000	1.93	1,690.00	738,530

Source: USDA, NASS, California Field Office