



2011 California Walnut Acreage Report

Cooperating with the California Department of Food and Agriculture

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RESULTS

California's 2011 walnut acreage is estimated at 280,000 acres, up 10 percent from 2009. Of the total acreage, 245,000 were bearing and 35,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE 1/

Year 2/	Bearing	Non-Bearing	Total
2004	214,000	N/A	N/A
2005	215,000	26,000	241,000
2006	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
2010	237,000	N/A	N/A
2011	245,000	35,000	280,000

1/ Reported data with an allowance for incompleteness.

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

Of the walnut acreage reported, Chandler continues to be the leading variety with 79,022 bearing acres, followed by Hartley with 36,535 bearing acres. Chandler also accounted for 63 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 walnut acreage 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 4,800 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 6,100 acres during the past two years. Of this number, some acreage was harvested in 2011 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 4,800 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. A special thanks is due to the California Walnut Board for providing funding and support of this special acreage update survey.

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2011 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED 1/

County	1999 and Earlier	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Acres Standing in 2011		
														Bearing	Non-Bearing	Total
Alameda	9	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Amador	313	0	0	0	0	0	0	0	0	0	0	0	0	313	0	313
Butte	16,407	1,495	879	1,013	1,280	2,282	509	951	797	577	1,235	2,006	743	25,522	4,652	30,175
Calaveras	762	1	5	51	0	0	0	0	0	0	0	10	0	819	10	828
Colusa	2,930	269	115	186	367	154	266	205	382	120	664	221	234	4,851	1,260	6,111
Contra Costa	439	3	3	4	11	4	8	0	0	1	0	0	67	471	68	538
El Dorado	221	1	2	0	1	0	4	0	0	0	0	0	0	227	2	230
Fresno	3,301	332	194	138	159	248	34	45	344	88	261	87	129	4,738	620	5,358
Glenn	7,078	823	1,363	980	777	261	555	637	408	505	716	309	518	12,874	2,055	14,929
Humboldt	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Kern	679	113	1	1	0	0	0	0	0	0	0	0	39	793	39	832
Kings	6,838	375	183	240	312	382	370	362	443	131	289	272	159	9,500	856	10,356
Lake	3,786	16	7	77	23	29	9	50	18	18	86	25	7	3,982	169	4,151
Los Angeles	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Madera	967	0	2	0	0	0	0	0	160	29	1	25	0	1,129	55	1,183
Marin	11	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11
Mendocino	41	0	0	0	0	0	0	0	0	0	0	0	0	41	0	41
Merced	3,543	258	219	224	249	194	37	229	140	4	208	155	312	4,998	773	5,770
Monterey	296	0	1	0	5	80	0	0	0	0	0	0	0	382	0	382
Napa	162	0	0	0	0	1	0	0	0	0	0	0	0	163	0	163
Nevada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Placer	881	6	14	32	0	12	4	0	0	0	0	140	22	948	162	1,109
Riverside	33	4	0	0	0	0	0	0	2	0	0	0	0	37	2	39
Sacramento	705	0	0	0	0	0	0	0	0	0	0	0	0	705	0	705
San Benito	1,095	56	4	6	4	23	4	8	9	14	1	0	0	1,202	23	1,225
San Bernardino	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Diego	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	24,707	1,206	385	753	703	633	527	1,001	856	785	1,281	1,043	623	30,601	3,901	34,503
San Luis Obispo	2,473	16	3	0	1	0	0	1	0	0	0	0	0	2,494	1	2,494
Santa Barbara	432	3	0	13	9	0	0	0	0	0	0	0	0	457	0	457
Santa Clara	342	15	0	0	0	4	0	0	0	0	15	0	2	361	16	378
Santa Cruz	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Shasta	763	5	94	25	2	15	0	0	0	0	1	0	0	903	1	904
Siskiyou	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Solano	6,043	162	199	21	190	171	153	60	60	15	91	175	32	7,045	327	7,372
Sonoma	137	0	0	0	0	0	0	0	0	0	0	0	0	137	0	137
Stanislaus	15,097	798	480	531	541	917	579	472	570	636	497	295	289	19,957	1,744	21,701
Sutter	15,128	457	501	437	647	577	967	1,450	775	621	604	416	372	20,833	2,120	22,953
Tehama	10,895	1,178	458	255	656	536	483	631	288	552	265	434	388	15,380	1,639	17,019
Trinity	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Tulare	18,866	681	762	372	671	267	678	786	395	435	391	441	244	23,333	1,655	24,988
Ventura	138	0	0	0	0	0	0	0	0	0	0	0	0	138	0	138
Yolo	6,529	259	164	90	437	564	524	470	440	266	519	582	551	9,445	1,949	11,394
Yuba	6,547	225	40	247	312	309	312	953	67	230	640	462	564	9,010	1,897	10,907
State Total	158,600	8,755	6,076	5,694	7,356	7,662	6,022	8,310	6,153	5,026	7,762	7,097	5,297	213,816	25,995	239,811

1/ Totals may not add due to rounding.

WALNUT ACREAGE AS OF 2011 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2011 1/

Variety	1999 and Earlier	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Acres Standing in 2011		
														Bearing	Non-Bearing	Total
Amigo	115	0	0	0	0	0	0	0	0	0	0	0	0	115	0	115
Ashley	4,344	55	100	2	0	0	0	1	0	10	0	0	0	4,502	10	4,512
Blackmer/Mautner/Vaughn	537	0	0	0	0	0	0	0	0	0	0	0	0	537	0	537
Chandler	53,710	3,036	1,995	2,297	2,653	2,949	2,757	5,413	4,212	3,492	5,221	4,091	3,460	79,022	16,263	95,285
Chico	1,928	0	0	0	0	0	0	0	0	120	1	0	0	1,928	121	2,049
Cisco	59	3	0	3	5	1	0	0	6	0	0	0	0	71	6	77
Eureka	2,224	9	8	7	26	42	0	1	2	5	16	0	4	2,316	27	2,343
Franquette	6,843	17	50	29	47	12	3	1	0	57	7	11	1	6,997	79	7,076
Franquette Scharsch	89	12	1	2	0	0	0	0	0	0	0	0	0	104	0	104
Gustine	125	0	0	0	7	0	0	20	0	1	0	0	0	152	1	153
Hartley	34,663	627	261	289	370	222	104	90	108	50	140	75	108	36,535	572	37,107
Howard	4,991	2,143	2,160	1,544	2,492	2,236	1,469	1,633	686	327	993	949	837	19,354	3,106	22,461
Marchetti	267	0	0	140	0	0	0	0	0	0	0	0	0	407	0	407
Mayette	360	0	0	0	0	0	1	0	0	0	0	0	0	360	2	362
Midland	113	0	0	0	0	0	0	0	0	0	0	0	0	113	0	113
Nuggett	224	0	0	0	0	0	0	0	0	0	0	0	0	224	0	224
Payne	4,808	107	54	5	8	26	3	18	8	15	32	0	1	5,028	56	5,084
Pedro	186	1	0	0	0	0	0	0	0	0	0	0	0	187	0	187
Pioneer	83	0	0	0	0	0	0	0	0	0	0	0	0	83	0	83
Poe	354	0	0	0	10	0	0	0	0	0	0	0	1	363	2	365
Serr	15,854	385	105	48	12	14	100	15	17	13	26	26	35	16,533	116	16,648
Sunland	1,440	21	25	13	0	0	0	0	5	0	20	0	0	1,499	25	1,524
Tehama	2,673	81	0	0	0	0	0	25	10	0	0	17	0	2,779	27	2,806
Trinta	448	0	0	5	0	7	0	0	0	0	7	10	5	460	22	482
Tulare	7,297	1,469	1,154	1,028	1,418	1,874	1,346	758	738	607	693	1,099	442	17,080	2,841	19,921
Vina	13,280	238	134	253	172	167	55	137	16	6	199	19	8	14,436	247	14,683
Waterloo	434	1	0	6	0	0	0	0	0	0	0	0	0	440	0	440
All Others	1,153	551	30	25	138	112	184	198	346	323	409	801	396	2,192	2,472	4,664
State Total	158,600	8,755	6,076	5,694	7,356	7,662	6,022	8,310	6,153	5,026	7,762	7,097	5,297	213,816	25,995	239,811

1/ Totals may not add due to rounding. Shaded/bold area represents non-bearing years and includes plantings of the following: Chandler, Chico, Howard, Tulare (2008-2011); Amigo, Ashley, Cisco, Gustine, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina (2007-2011); Franquette, Franquette Scharsch, Mayette, Poe (2005-2011); all other varieties not specified (2006-2011).

California Walnut Acreage, Production and Value, 1994-2011

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	1,710.00	747,270
2010	237,000	N/A	504,000	2.13	2,040.00	1,028,160
2011	245,000	35,000	461,000	1.88	---	---

Source: USDA, NASS, California Field Office