



2013 California Walnut Acreage Report

Cooperating with the California Department of Food and Agriculture

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RESULTS

California's 2013 walnut acreage is estimated at 325,000 acres, up 8 percent from 2011. Of the total acreage, 280,000 were bearing and 45,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE 1/

Year 2/	Bearing	Non-Bearing	Total
2006	216,000	N/A	N/A
2007	218,000	25,000	243,000
2008	230,000	N/A	N/A
2009	240,000	28,000	268,000
2010	255,000	N/A	N/A
2011	265,000	35,000	300,000
2012	270,000	N/A	N/A
2013	280,000	45,000	325,000

1/ Reported data with an allowance for incompleteness.

2/ Acreage survey conducted every other year.

Of the walnut acreage reported, Chandler continues as the leading variety with 91,185 bearing acres, followed by Hartley with 34,948 bearing acres. Chandler also accounted for 66 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 13 percent and Tulare with 10 percent each.

OBJECTIVES

The Pacific Regional Office-California 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.

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 5,200 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 4,300 acres during the past two years. Of this number, some acreage was harvested in 2013 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 5,200 walnut growers in early November. 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, Pacific Regional 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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2013 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED 1/

County	2001 and Earlier	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Acres Standing in 2013		
														Bearing	Non-Bearing	Total
Alameda	9	-	-	-	-	-	-	-	-	-	-	-	-	9	-	9
Amador	317	-	-	-	-	-	-	-	-	-	-	-	-	317	-	317
Butte	17,630	1,014	1,402	2,461	625	1,011	835	693	1,534	2,129	1,110	1,028	1,303	27,049	5,724	32,773
Calaveras	710	51	-	-	-	-	-	-	29	4	-	1	-	761	33	795
Colusa	3,275	211	367	164	265	205	397	309	718	470	467	726	347	5,897	2,024	7,921
Contra Costa	426	4	11	4	8	-	-	11	-	-	67	-	-	463	67	530
El Dorado	230	1	1	-	4	-	-	-	-	-	-	-	-	237	-	237
Fresno	3,708	138	159	248	34	45	344	155	247	107	218	30	35	5,057	409	5,466
Glenn	9,216	1,065	800	301	555	700	556	571	948	591	736	280	461	14,646	2,133	16,779
Humboldt	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Kern	649	1	-	-	-	-	-	-	-	-	39	-	-	650	39	689
Kings	7,104	240	333	390	370	374	443	158	346	299	212	368	244	9,722	1,160	10,881
Lake	3,791	77	12	24	6	50	18	15	94	30	30	63	150	4,074	285	4,359
Los Angeles	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Madera	960	-	-	-	-	-	160	29	1	25	65	-	-	1,120	119	1,240
Marin	11	-	-	-	-	-	-	-	-	-	-	-	-	11	-	11
Mendocino	37	-	-	-	-	-	-	-	-	-	-	-	-	37	-	37
Merced	4,044	224	249	194	37	230	193	83	199	98	436	27	31	5,399	644	6,043
Monterey	296	-	-	80	-	-	-	18	-	-	-	-	-	376	18	394
Napa	177	-	-	1	-	-	-	-	-	-	-	-	-	178	-	178
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer	958	32	-	12	4	-	-	15	-	140	22	-	-	1,021	162	1,182
Riverside	35	-	-	-	-	-	2	-	-	-	-	-	-	37	-	37
Sacramento	660	-	-	-	-	-	-	-	-	55	-	52	-	660	107	767
San Benito	1,126	6	6	23	4	8	9	14	1	4	-	-	-	1,197	4	1,200
San Bernardino	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
San Diego	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
San Joaquin	25,641	715	706	737	622	1,074	752	1,188	1,611	1,446	653	985	944	32,870	4,204	37,074
San Luis Obisp	2,533	-	1	-	-	1	-	-	-	-	-	-	-	2,535	-	2,535
Santa Barbara	415	13	9	-	-	-	-	-	-	-	-	-	-	437	-	437
Santa Clara	351	-	-	4	-	-	-	-	13	2	2	3	-	368	7	375
Santa Cruz	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Shasta	891	25	2	16	-	-	-	-	1	-	-	3	-	935	3	938
Siskiyou	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Solano	6,295	21	190	171	153	60	60	64	181	182	40	141	21	7,185	393	7,578
Sonoma	140	-	-	-	-	-	-	-	-	-	-	-	-	140	-	140
Stanislaus	15,725	565	563	785	721	594	648	711	668	426	462	640	744	20,806	2,446	23,251
Sutter	15,733	405	706	624	1,081	1,577	888	624	685	651	684	683	471	22,233	2,580	24,813
Tehama	12,053	253	659	574	468	662	274	577	885	563	538	681	670	15,830	3,027	18,856
Trinity	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Tulare	20,228	470	775	268	869	1,106	478	452	273	595	414	638	528	24,863	2,232	27,094
Ventura	138	-	-	-	-	-	-	-	-	-	-	-	-	138	-	138
Yolo	6,641	90	437	564	589	416	726	369	597	681	646	227	184	10,430	1,739	12,168
Yuba	7,015	246	284	348	316	983	97	294	669	519	508	747	302	10,139	2,190	12,329
Total	169,177	5,865	7,672	7,992	6,730	9,096	6,879	6,348	9,699	9,016	7,350	7,322	6,435	227,832	31,749	259,580

1/ Totals may not add due to rounding.

WALNUT ACREAGE AS OF 2013 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2013 1/

Variety	2001 and Earlier	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Acres Standing in 2013		
														Bearing	Non-Bearing	Total
Amigo	93	-	-	-	-	-	-	-	-	-	-	-	-	93	-	94
Ashley	4,010	3	-	-	-	1	-	-	-	-	-	-	-	4,014	-	4,014
Blackmer/Mautner/Vaughn	515	-	-	-	-	-	-	-	-	-	-	-	-	515	-	515
Chandler	58,881	2,250	2,834	3,192	3,188	5,659	4,684	4,330	6,167	5,472	5,174	5,423	4,759	91,185	20,828	112,013
Chico	1,716	-	-	-	-	-	-	-	1	1	9	-	-	1,717	9	1,726
Cisco	56	3	5	1	-	-	-	-	-	-	-	-	-	66	-	66
Eureka	2,116	6	26	42	-	1	2	5	14	-	4	2	7	2,193	31	2,224
Franquette	6,675	30	47	7	3	1	-	29	6	13	29	5	52	6,763	134	6,897
Franquette Scharsch	102	2	-	-	-	-	-	-	-	-	-	-	-	104	-	104
Gustine	125	-	7	-	-	-	-	-	-	-	-	-	20	132	20	152
Hartley	33,643	289	369	250	137	109	150	61	232	91	93	41	53	34,948	572	35,520
Howard	9,555	1,554	2,600	2,261	1,566	1,810	817	622	1,326	1,301	825	847	394	22,110	3,367	25,477
Marchetti	251	-	-	-	-	-	-	-	-	-	-	-	-	251	-	251
Mayette	349	-	-	-	1	-	-	-	-	-	-	-	-	350	-	351
Midland	113	-	-	-	-	-	-	-	-	-	-	-	-	113	-	113
Nuggett	178	-	-	-	-	-	-	-	-	-	-	-	-	178	-	178
Payne	4,617	5	32	26	5	18	8	30	37	59	1	-	4	4,739	102	4,841
Pedro	187	-	-	-	-	-	-	-	-	-	-	-	-	187	-	187
Pioneer	83	-	-	-	-	-	-	-	-	-	-	-	-	83	-	83
Poe	355	-	-	-	-	-	-	-	-	-	1	-	1	356	2	357
Serr	15,832	47	16	14	96	25	16	22	23	33	32	1	12	16,070	101	16,170
Sunland	1,403	13	-	-	19	-	5	-	20	-	-	-	2	1,440	22	1,462
Tehama	2,106	-	-	-	-	25	-	-	-	21	-	-	-	2,131	21	2,151
Trinta	241	5	-	7	-	-	-	-	7	10	-	27	-	253	44	298
Tulare	10,539	1,153	1,413	1,908	1,456	1,031	868	1,076	834	1,391	760	549	708	20,278	3,407	23,686
Vina	13,129	244	172	172	70	145	16	12	182	20	111	20	22	13,959	354	14,313
Waterloo	369	6	-	-	-	-	-	2	23	-	-	-	-	375	25	400
All Others	1,937	257	151	111	188	272	314	158	827	605	311	406	402	3,230	2,709	5,939
State Total	169,177	5,865	7,672	7,992	6,730	9,096	6,879	6,348	9,699	9,016	7,350	7,322	6,435	227,832	31,749	259,580

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 (2010-2013); Amigo, Ashley, Cisco, Gustine, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina (2009-2013); Franquette, Franquette Scharsch, Mayette, Poe (2007-2013); all other varieties not specified (2008-2013).

California Walnut Acreage, Production and Value, 1994-2013

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	230,000	N/A	436,000	1.90	1,280.00	558,080
2009	240,000	28,000	437,000	1.82	1,710.00	747,270
2010	255,000	N/A	504,000	1.98	2,040.00	1,028,160
2011	265,000	35,000	461,000	1.74	2,900.00	1,336,900
2012 1/	270,000	N/A	497,000	1.84	3,030.00	1,505,910
2013 2/	280,000	45,000	492,000	1.76	---	---

1/ For 2012, production is based on California Walnut Board receipts from handlers plus a small amount for home use. Price is based on the Walnut Raisin Prune Reported released November 2013. Value was calculated based on production and price.

2/ For 2013, production is based on California Walnut Board receipts from handlers plus a small amount for home use.

Source: USDA, NASS, Pacific Regional Office-California