



2015 California Walnut Acreage Report

Cooperating with the California Department of Food and Agriculture

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RESULTS

California's 2015 walnut acreage is estimated at 365,000 acres, up 12 percent from 2013. Of the total acreage, 300,000 were bearing and 65,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE 1/

Year 2/	Bearing	Non-bearing	Total
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
2014	290,000	N/A	N/A
2015	300,000	65,000	365,000

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 as the leading variety with 104,450 bearing acres, followed by Hartley with 33,002 bearing acres. Chandler also accounted for 67 percent of the non-bearing acreage.

San Joaquin County continues to show the largest acreage with 14 percent of the total, followed by Butte with 12 percent and Tulare with 10 percent each.

OBJECTIVES

The Pacific Regional 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.

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 4,900 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 approximately 7,000 acres during the past two years. Of this number, some acreage was harvested in 2015 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 4,900 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. In addition, NASS looked at data collected on the Walnut Nursery Sales Report.

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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2015 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED 1/

County	2003 and Earlier	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Acres Standing in 2015		
														Bearing	Non-bearing	Total
Alameda	9	-	-	-	-	-	-	-	-	-	-	-	-	9	-	9
Amador	298	-	-	-	-	-	-	-	-	-	-	-	-	298	-	298
Butte	19,402	2,262	647	1,009	786	665	1,464	2,174	1,072	1,563	1,568	936	608	29,279	4,877	34,155
Calaveras	765	-	-	-	-	-	33	4	-	1	-	-	-	799	4	804
Colusa	3,804	156	265	205	397	309	753	470	535	768	377	316	166	6,895	1,627	8,521
Contra Costa	386	4	8	-	-	11	-	-	67	-	-	1	2	472	7	478
El Dorado	236	-	4	-	-	-	-	-	-	-	-	-	-	240	-	240
Fresno	3,784	248	34	197	413	142	247	109	293	30	116	176	459	5,458	789	6,247
Glenn	10,549	301	561	711	555	608	1,232	850	862	427	894	931	427	16,147	2,761	18,908
Humboldt	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Kern	697	-	-	-	-	-	-	-	39	-	-	-	-	697	39	736
Kings	7,282	422	370	378	443	161	346	341	290	368	315	216	285	10,031	1,185	11,216
Lake	3,691	24	6	49	18	15	105	30	40	24	160	66	66	3,967	326	4,292
Los Angeles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madera	910	-	-	-	160	20	-	25	118	50	-	58	1	1,208	133	1,341
Marin	11	-	-	-	-	-	-	-	-	-	-	-	-	11	-	11
Mendocino	35	-	-	-	-	-	-	-	-	-	-	-	1	35	1	37
Merced	4,305	167	37	263	193	104	237	96	430	486	164	204	106	5,830	959	6,789
Monterey	296	80	-	-	-	18	-	-	-	-	-	-	-	394	-	394
Napa	174	-	-	-	-	-	-	-	-	-	-	-	-	175	-	175
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer	939	12	4	-	-	15	-	140	22	10	188	-	81	1,132	279	1,411
Riverside	35	2	-	-	2	-	-	-	-	-	-	-	-	39	-	39
Sacramento	660	-	-	-	-	-	-	-	-	52	1	63	-	660	116	775
San Benito	1,064	24	4	8	9	14	1	4	-	-	36	29	2	1,128	67	1,195
San Bernardino	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
San Diego	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
San Joaquin	25,874	725	621	1,078	757	1,149	1,776	1,429	665	1,158	1,339	1,255	1,185	33,950	5,062	39,012
San Luis Obispo	2,479	-	-	1	-	-	-	-	-	-	-	1	-	2,480	1	2,481
Santa Barbara	432	-	-	-	-	-	-	-	-	-	-	-	-	432	-	432
Santa Clara	335	4	-	-	-	-	13	2	2	3	-	-	6	356	9	365
Santa Cruz	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Shasta	842	16	-	-	-	-	1	-	-	13	1	1	-	859	15	874
Siskiyou	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Solano	6,582	186	153	58	60	64	182	183	40	167	21	31	385	7,501	610	8,111
Sonoma	136	-	-	-	-	-	-	-	-	-	-	-	-	136	-	136
Stanislaus	16,193	799	666	609	651	1,151	680	701	626	797	1,767	639	987	21,987	4,283	26,269
Sutter	16,287	612	1,033	1,586	894	669	818	811	699	865	564	674	308	23,216	2,604	25,820
Tehama	12,163	365	510	679	291	609	939	1,157	664	707	843	945	692	17,367	3,196	20,564
Tulare	20,569	310	885	1,104	443	461	300	681	576	771	501	812	489	25,249	2,652	27,900
Ventura	138	-	-	-	-	-	-	-	-	-	-	-	-	138	-	138
Yolo	7,038	659	709	382	703	399	597	681	671	227	188	252	568	11,744	1,330	13,073
Yuba	7,525	348	314	873	97	294	552	497	538	772	497	611	449	11,031	2,337	13,369
Total	175,929	7,725	6,830	9,190	6,870	6,878	10,276	10,384	8,251	9,259	9,539	8,217	7,272	241,351	35,268	276,618

1/ Totals may not add due to rounding.

WALNUT ACREAGE AS OF 2015 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY
ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2015 1/

Variety	2003 and Earlier	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Acres Standing in 2015		
														Bearing	Non-bearing	Total
Amigo	93	-	-	-	-	-	-	-	-	-	-	-	-	94	-	94
Ashley	3,380	-	-	1	-	-	-	-	-	-	-	-	23	3,381	23	3,404
Blackmer/Mautner/Vaughn	462	-	-	-	-	-	-	-	-	-	-	-	-	462	-	462
Chandler	63,334	2,881	3,220	5,828	4,647	4,713	7,256	6,696	5,875	6,863	6,200	5,425	5,155	104,450	23,642	128,092
Chico	1,626	2	-	-	-	-	1	2	9	1	-	1	-	1,639	2	1,641
Cisco	64	1	-	-	-	1	-	-	-	-	-	-	1	66	1	66
Eureka	2,025	42	-	1	2	5	14	-	5	2	8	1	5	2,089	20	2,109
Franquette	6,376	7	3	1	-	29	49	12	29	1	52	3	80	6,417	226	6,643
Franquette Scharsch	104	-	-	-	-	-	-	-	-	-	-	-	-	104	-	104
Gustine	99	-	-	-	-	-	-	-	-	-	-	-	-	99	-	99
Hartley	32,175	173	136	107	146	47	218	90	77	45	110	29	169	33,002	519	33,521
Howard	13,940	2,277	1,529	1,689	767	711	1,365	1,595	924	995	631	922	522	24,797	3,069	27,866
Ivanhoe	-	-	-	-	-	-	39	53	95	268	175	126	140	187	708	895
Marchetti	238	-	-	-	-	-	-	-	-	-	-	-	-	238	-	238
Mayette	319	-	1	-	-	-	-	-	-	-	-	-	-	320	-	320
Midland	113	-	-	-	-	-	-	-	-	-	-	-	-	113	-	113
Nuggett	163	-	-	-	-	-	-	-	-	-	-	-	-	163	-	163
Payne	4,261	26	5	18	8	30	52	4	1	-	8	2	66	4,402	77	4,479
Payne	187	-	-	-	-	-	-	-	-	-	-	-	-	187	-	187
Pedro	70	-	-	-	-	-	-	-	-	-	-	-	-	70	-	70
Pioneer	342	-	-	-	-	-	-	-	1	-	1	-	-	342	2	344
Poe	14,915	14	96	25	21	38	23	32	52	1	33	8	9	15,165	104	15,269
Serr	1,295	-	19	-	5	-	20	-	-	-	2	-	-	1,339	2	1,341
Sunland	1,848	-	-	25	-	-	-	20	-	-	-	17	-	1,894	18	1,911
Tehama	216	7	-	-	-	-	7	10	-	27	-	-	-	240	27	267
Trinta	13,322	1,950	1,566	1,122	933	1,181	850	1,429	940	836	2,060	1,411	619	23,293	4,927	28,219
Tulare	13,181	267	70	145	58	12	145	17	8	20	5	7	5	13,895	44	13,939
Vina	373	-	-	-	-	2	23	-	-	-	-	-	-	398	-	398
Waterloo	1,410	79	184	227	283	111	215	422	235	201	255	266	478	2,509	1,855	4,365
All Others	1,410	79	184	227	283	111	215	422	235	201	255	266	478	2,509	1,855	4,365
State Total	175,929	7,725	6,830	9,190	6,870	6,878	10,276	10,384	8,251	9,259	9,539	8,217	7,272	241,351	35,268	276,618

1/ Totals may not add due to rounding. Shaded/bold area represents non-bearing years and includes plantings of the following: Chandler, Chico, Howard Ivanhoe, Tulare (2012-2015); Amigo, Ashley, Cisco, Gustine, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina (2011-2015); Franquette, Franquette Scharsch, Mayette, Poe (2009-2015); all other varieties not specified (2010-2015).

California Walnut Acreage, Production and Value, 1994-2015

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	270,000	N/A	497,000	1.84	3,030.00	1,505,910
2013	280,000	45,000	492,000	1.76	3,710.00	1,825,320
2014 1/	290,000	N/A	570,000	1.97	3,340.00	1,903,800
2015 2/	300,000	65,000	603,000	2.01	NA	NA

1/ For 2014, 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 2015. Value was calculated based on production and price.

2/ For 2015, production is based on California Walnut Board receipts from handlers plus a small amount for home use. NA Not Available.

Source: USDA, NASS, Pacific Regional Office