



# 2023 California Almond Forecast

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## RESULTS

The USDA NASS Pacific Regional Office released an initial subjective forecast for 2023 California almond production. NASS forecasts:

- production at 2.50 billion pounds, 3% below last year's final production of 2.57 billion pounds.
- almond bearing acres at 1,380,000, 2% above the 2021 bearing acreage of 1,350,000.
- yield at 1,810 pounds per acre, down 90 pounds from last year, and the lowest since 2005.

The subjective production forecast is based on a survey conducted from April 19 to May 6 from a sample of 500 almond growers. Respondents had the option of reporting their data by mail, online, or phone.

The almond bloom began in the middle of February and peaked at the end of the month. Record level rainfall and unprecedented stormy conditions impacted pollination. Limited bee flight hours were reported in all growing regions. There were reports of downed trees due to high winds and oversaturated soil. Yields are expected to be the lowest in years, with variation observed across varieties and orchard locations.

Colder than normal temperatures continued through March and April, resulting in a delayed crop. Farmers are still evaluating their orchards for signs of disease and applying fertilizer and pest treatments as needed. Water availability is not a major concern this year.

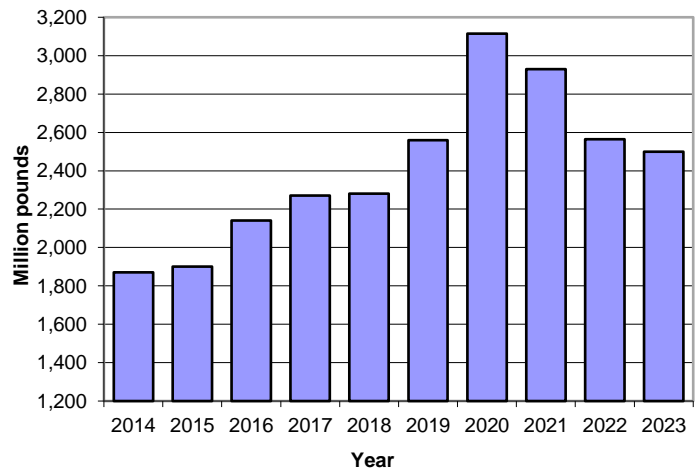
## PROCEDURES

Results of the subjective survey are based on opinions obtained from growers. The sample of growers changes from year to year and is grouped by size of operation, so all growers will be represented. Growers are asked to indicate their almond yield per acre from last year and expected yield for the current year.

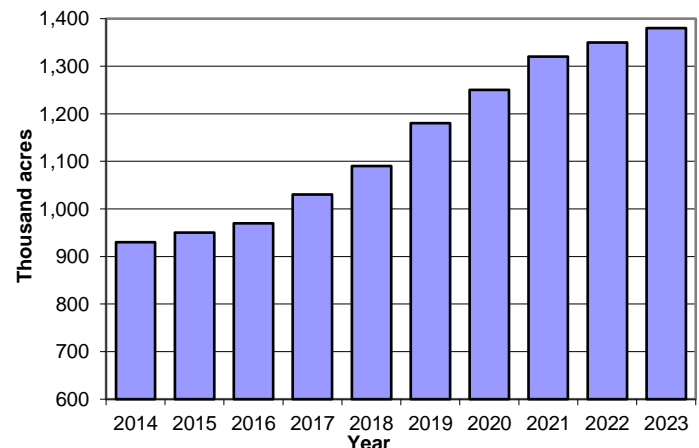
## ACKNOWLEDGMENTS

The USDA, NASS, Pacific Regional Office sincerely appreciates the many farm operators, owners, and management firms that provided their information. Time spent completing the survey is appreciated, and necessary for estimating the current condition of the almond industry in California.

California Almond Production  
2014 - 2023



California Almond Bearing Acreage  
2014 - 2023



**California Almond Acreage, Production, and Value: 1995 - 2023**

Year	Bearing	Non-bearing	Yield per acre	Production	Price per pound	Value of production
	acres		pounds	million pounds	dollars	1,000 dollars
1995	418,000	65,700	890	370	2.48	880,896
1996	428,000	72,400	1,190	510	2.08	1,018,368
1997	442,000	63,000	1,720	759	1.56	1,160,640
1998	460,000	120,000	1,130	520	1.41	703,590
1999	485,000	115,000	1,720	833	0.86	687,742
2000	510,000	100,000	1,380	703	0.97	666,487
2001	530,000	75,000	1,570	830	0.91	740,012
2002	545,000	65,000	2,000	1,090	1.11	1,200,687
2003	550,000	60,000	1,890	1,040	1.57	1,600,144
2004	570,000	70,000	1,760	1,005	2.21	2,189,005
2005	590,000	110,000	1,550	915	2.81	2,525,909
2006	610,000	145,000	1,840	1,120	2.06	2,258,790
2007	640,000	125,000	2,170	1,390	1.75	2,401,875
2008	710,000	115,000	2,300	1,630	1.45	2,343,200
2009	750,000	90,000	1,880	1,410	1.65	2,293,500
2010	770,000	85,000	2,130	1,640	1.79	2,903,380
2011	800,000	75,000	2,540	2,030	1.99	4,007,860
2012	820,000	110,000	2,310	1,890	2.58	4,816,860
2013	880,000	120,000	2,280	2,010	3.21	6,384,690
2014	930,000	170,000	2,010	1,870	4.00	7,388,000
2015	950,000	240,000	2,000	1,900	3.13	5,868,750
2016	970,000	300,000	2,210	2,140	2.39	5,052,460
2017	1,030,000	330,000	2,200	2,270	2.53	5,603,950
2018	1,090,000	300,000	2,090	2,280	2.50	5,602,500
2019	1,180,000	340,000	2,170	2,560	2.45	6,169,100
2020	1,250,000	350,000	2,490	3,115	1.71	5,251,410
2021	1,320,000	320,000	2,220	2,930	1.86	5,341,920
2022	1,350,000	280,000	1,900	2,565	1.40	3,515,400
2023 <sup>1 2</sup>	1,380,000	(NA)	1,810	2,500	(NA)	(NA)

<sup>1</sup> Preliminary estimate of bearing acres is based off the Almond Acreage Report and the Almond Nursery Sales Survey.

<sup>2</sup> Yield is a rounded calculation based off production and the preliminary estimate of bearing acres.

(NA) Not available.

