



2021 California Almond Forecast

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Released: May 12, 2021

RESULTS

The initial subjective forecast for the 2021 California almond production is 3.20 billion pounds. Forecasted production is 3% above last year's production of 3.12 billion pounds. Forecasted bearing acreage for 2021 is a record high of 1,330,000. Forecasted yield is 2,410 pounds per acre, 3% lower than the 2020 yield of 2,490 pounds per acre. The subjective production forecast is based on a telephone survey conducted from April 19 to May 6 from a sample of 500 almond growers.

The 2021 almond crop experienced a mostly dry winter throughout California. Although there were a few scattered storms, snowpack and water levels are well below normal. Warm temperatures provided excellent bloom conditions, with peak bloom occurring in late February and early March. Pollination activity was reported to be very good with long overlapping bloom periods. The last few days of bloom were impacted by rain, wind and a few instances of hail. Excellent growing conditions in April benefitted the crop's development and disease pressure was low. Expectations of above average yields overall, but lower than in 2020, were reported, with variability showing across regions and age of the trees. The 2021 crop is estimated to be the largest on record.

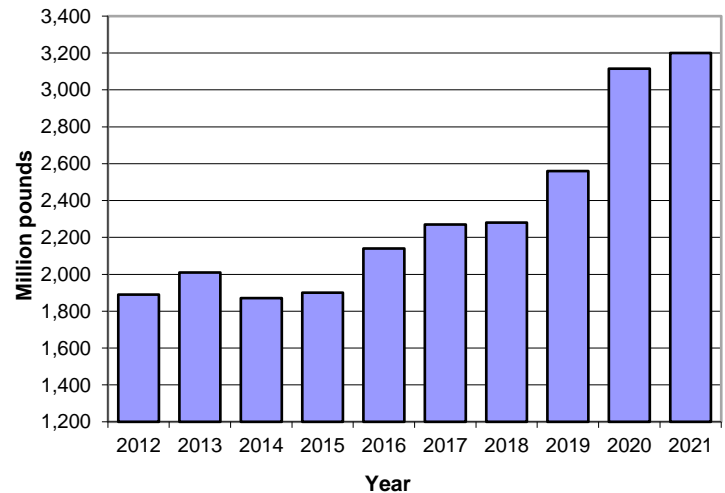
PROCEDURES

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.

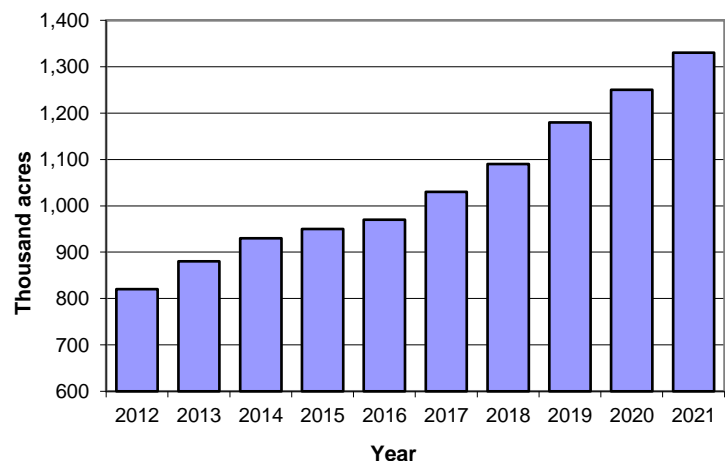
ACKNOWLEDGMENTS

A special thanks goes to the many almond growers who participated in the survey. Time spent completing the survey is appreciated, and helpful in estimating the current condition of the almond industry in California.

California Almond Production
2012-2021



California Almond Bearing Acreage
2012-2021



California Almond Acreage, Production, and Value: 1995-2021

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	1.83	5,619,930
2021 ^{1 2}	1,330,000	—	2,410	3,200	—	—

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

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

— Not available.

SOURCE: USDA/NASS, Pacific Regional Office