



Pacific Region - Hawaii Macadamia Nuts Final Season Estimates



The Pacific Region Includes the States of CA, HI, and NV
In Cooperation with the Hawaii Department of Agriculture

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Last paragraph on first page updated July 13, 2018 to clearly state net farm price increase from 100 cents to 110 cents.

Macadamia Nut Utilized Production up 17 Percent from Last Season

Hawaii utilized macadamia nut production for 2017-2018 increased 17 percent from last season to 49.0 million pounds (net, wet-in-shell basis) according to the National Agricultural Statistics Service. The crop posted the largest production in six year and had a new record high farm price. Growing conditions were generally favorable for the crop but spoilage was higher. Labor shortage, wild pigs, and pest problems continued to be challenges this season.

The in crop and harvested acreage estimates for 2017-2018 remained unchanged from the previous season at 18,000 and 16,000 acres, respectively. Approximately 1.3 million trees were estimated for in crop acreage.

Yield averaged 3,060 pounds per acre, up 16 percent as compared to the previous year's estimate of 2,630 pounds.

Average moisture content for the overall crop this season was 20.5 percent compared with 19.8 percent from last season.

Farm value for the 2017-2018 crop is estimated at \$53.9 million (net, wet-in-shell basis), up 28 percent from the 2016-2017 season. The 2016-2017 net farm price of 100 cents per pound increased 10 cents to 110 cents per pound for 2017-2018 crop year and a new record high. Please see Table 2 on the next page for the macadamia nut historical data series.

Table 1. MACADAMIA NUTS: Number of Farms, Acreage, Yield, Production, Moisture, Price, and Value – Hawaii: 2013-2017 Crop years

Crop year ¹	Farms	Acreage		Yield per acre ²	Utilized production ³		Average moisture		Farm prices ³		Farm value ⁶
		In crop	Harvested		Gross	Net ⁴	Entire crop	Purchases only	Gross ⁵	Net	
	<i>Number</i>	<i>-----Acres -----</i>			<i>----1,000 pounds ----</i>		<i>-----Percent -----</i>		<i>- Cents per pound -</i>		<i>1,000 dollars</i>
2013-14	620	18,000	16,000	2.6	49,000	41,000	20.3	20.7	72.8	87.0	35,670
2014-15	NA	18,000	16,000	2.9	55,000	46,000	19.3	20.5	72.8	87.0	40,020
2015-16	NA	18,000	16,000	2.9	56,000	47,000	18.9	19.6	81.4	97.0	45,590
2016-17	NA	18,000	16,000	2.6	49,000	42,000	19.8	19.0	85.7	100.0	42,000
2017-18	NA	18,000	16,000	3.1	59,000	49,000	20.5	19.9	91.4	110.0	53,900

¹ Season begins July 1st and ends June 30th of the following year.

² Net production divided by acreage harvested and rounded to the nearest 10 pounds.

³ Wet-in-shell basis.

⁴ Gross pounds less total spoilage.

⁵ Farm value divided by gross production.

⁶ Net production multiplied by net farm price.

NA is not available.

HISTORICAL DATA

Table 2. MACADAMIA NUTS: Acreage, Yield, Production, Price, and Value – Hawaii: 1983-2017

Crop year ¹	Acreage		Yield per acre ²	Production ³		Farm price ³		Farm value ⁶
	In crop	Harvested		Gross	Net ⁴	Gross ⁵	Net	
	----- Acres -----		----- 1,000 pounds -----		----- Cents per pound -----		- 1,000 dollars -	
1983-84	16,400	10,600	3.4	38,500	36,420	62.2	65.7	23,928
1984-85	17,500	12,000	3.1	40,500	37,700	64.4	69.2	26,088
1985-86	20,900	13,500	3.1	44,700	42,000	68.1	72.5	30,450
1986-87	21,200	14,400	3.1	46,600	44,000	75.5	80.0	35,200
1987-88	21,500	15,600	2.7	45,600	42,700	78.7	84.0	35,868
1988-89	21,900	16,600	2.7	49,000	45,500	83.6	90.0	40,950
1989-90	22,300	18,200	2.8	54,000	50,500	83.2	89.0	44,945
1990-91	22,600	18,400	2.7	54,300	50,000	75.5	82.0	41,000
1991-92	22,500	18,200	2.7	53,900	49,500	64.3	70.0	34,650
1992-93	20,500	17,500	2.7	53,000	48,000	61.6	68.0	32,640
1993-94	20,100	18,500	2.6	53,000	48,500	62.2	68.0	32,980
1994-95	20,200	18,500	2.8	58,000	52,500	62.5	69.0	36,225
1995-96	20,300	19,300	2.6	57,000	51,000	66.2	74.0	37,740
1996-97	20,200	19,200	2.9	63,000	56,500	70.0	78.0	44,070
1997-98	20,200	19,200	3.0	65,000	58,000	66.9	75.0	43,500
1998-99	20,200	19,200	3.0	66,000	57,500	57.0	65.0	37,375
1999-00	19,900	18,900	3.0	64,000	56,500	59.1	67.0	37,855
2000-01	18,400	17,700	2.8	56,000	50,000	52.7	59.0	29,500
2001-02	18,000	17,800	3.1	62,000	56,000	53.3	59.0	33,040
2002-03	18,000	17,800	3.0	60,000	53,000	50.4	57.0	30,210
2003-04	18,000	17,800	3.0	60,000	53,000	53.9	61.0	32,330
2004-05	18,000	17,800	3.2	63,000	56,500	65.5	73.0	41,245
2005-06	18,300	18,000	3.0	62,000	54,000	70.5	81.0	43,740
2006-07	17,000	15,000	3.9	65,000	58,000	59.8	67.0	38,860
2007-08	17,000	15,000	2.7	48,000	41,000	51.3	60.0	24,600
2008-09	17,000	15,000	3.3	60,000	50,000	55.8	67.0	33,500
2009-10	17,000	15,000	2.8	50,000	42,000	58.8	70.0	29,400
2010-11	17,000	15,000	2.7	47,000	40,000	63.8	75.0	30,000
2011-12	17,000	15,000	3.3	58,000	49,000	65.9	78.0	38,220
2012-13	17,000	15,000	2.9	52,000	44,000	67.7	80.0	35,200
2013-14	18,000	16,000	2.6	49,000	41,000	72.8	87.0	35,670
2014-15	18,000	16,000	2.9	55,000	46,000	72.8	87.0	40,020
2015-16	18,000	16,000	2.9	56,000	47,000	81.4	97.0	45,590
2016-17	18,000	16,000	2.6	49,000	42,000	85.7	100.0	42,000
2017-18	18,000	16,000	3.1	59,000	49,000	91.4	110.0	53,900

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For the complete Noncitrus Fruits and Nuts 2017 Summary visit:

<https://release.nass.usda.gov/reports/ncit0618.pdf>