



# Hawaii Macadamia Nuts

## Final Season Estimates

National  
Agricultural  
Statistics  
Service

July 12, 2017

In Cooperation with the Hawaii Department of Agriculture

Hawaii Field Office · 300 Ala Moana Blvd Suite 7-118 · Honolulu, HI 96850 · 1-(800)-804-9514 · [www.nass.usda.gov](http://www.nass.usda.gov)

### 2016-2017 Macadamia Nut Season Ends with Smaller Harvest but Record Price

Hawaii macadamia nut crop for 2016-2017 experienced a smaller harvest but higher prices according to the National Agricultural Statistics Service. Utilized production was down 11 percent from the previous season to 42.0 million pounds (net, wet-in-shell basis). Growing conditions for macadamia nuts were variable. Other concerns were insect problems, availability of labor, and feral pigs.

In crop acreage and harvested acreage estimates for 2016-2017 remained unchanged from the previous season at 18,000 in acres and 16,000 harvested acres. About 1.3 million trees

were estimated for in crop acreage. Yield decreased 10 percent from the previous year.

Average moisture content for the overall crop this season was 19.8 percent compared with 18.9 percent from last season.

Farm value for the 2016-2017 crop is estimated at \$42.0 million (net, wet-in-shell basis), down 8 percent from 2015-2016 season. The average farm price increased 3.0 cents from last season to 100.0 cents per pound and a new record high. See Table 2 on page 2 for the macadamia nut historical data series.

**Table 1. MACADAMIA NUTS: Number of Farms, Acreage, Yield, Production, Moisture, Price, and Value – Hawaii: 2012-2016 Crop years**

Crop year <sup>1</sup>	Farms	Acreage		Yield per acre <sup>2</sup>	Utilized production <sup>3</sup>		Average moisture		Farm prices <sup>3</sup>		Farm value <sup>6</sup>
		In crop	Harvested		Gross	Net <sup>4</sup>	Entire crop	Purchases only	Gross <sup>5</sup>	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>
2012-13	570	17,000	15,000	2.9	52,000	44,000	19.4	20.2	67.7	80.0	35,200
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

<sup>1</sup> Season begins July 1<sup>st</sup> and ends June 30<sup>th</sup> of the following year.

<sup>2</sup> Net production divided by acreage harvested.

<sup>3</sup> Wet-in-shell basis.

<sup>4</sup> Gross pounds less total spoilage.

<sup>5</sup> Farm value divided by gross production.

<sup>6</sup> Net production multiplied by net farm price. NA is not available.

# HISTORICAL DATA

**Table 2. MACADAMIA NUTS: Acreage, Yield, Production, Price, and Value – Hawaii: 1983-2016**

Crop year <sup>1</sup>	Acreage		Yield per acre <sup>2</sup>	Production <sup>3</sup>		Farm price <sup>3</sup>		Farm value <sup>6</sup>
	In crop	Harvested		Gross	Net <sup>4</sup>	Gross <sup>5</sup>	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
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<sup>1</sup> Season begins July 1<sup>st</sup> and ends June 30<sup>th</sup> of the following year.

<sup>2</sup> Net production divided by acreage harvested.

<sup>3</sup> Wet-in-shell basis.

<sup>4</sup> Gross pounds less total spoilage.

<sup>5</sup> Farm value divided by gross production.

<sup>6</sup> Net production multiplied by net farm price.

For the complete Noncitrus Fruits and Nuts 2016 Summary visit:

<http://usda.mannlib.cornell.edu/usda/current/NoncFruNu/NoncFruNu-06-27-2017.pdf>