



United States Department of Agriculture
National Agricultural Statistics Service



Pacific Region – Hawaii
Noncitrus Fruits and Nuts

The Pacific Region Includes the States of CA, HI and NV
In Cooperation with the Hawaii Departments of Agriculture
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Avocado Bearing Acreage, Yield, Production, Price, and Value - States and United States: 2021-2022, 2022-2023, and 2023-2024

State	Bearing acreage			Yield per acre		
	2021-2022	2022-2023	2023-2024	2021-2022	2022-2023	2023-2024
	(acres)	(acres)	(acres)	(tons)	(tons)	(tons)
California	47,300	46,700	47,600	2.87	2.97	2.48
Florida	5,000	4,400	3,900	2.91	4.10	2.73
Hawaii	660	630	680	0.80	0.48	0.30
United States	52,960	51,730	52,180	2.85	3.03	2.47

State	Total production			Utilized production		
	2021-2022	2022-2023	2023-2024	2021-2022	2022-2023	2023-2024
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
California	136,000	138,500	118,000	135,340	138,240	117,170
Florida	14,550	18,050	10,650	14,120	17,870	10,550
Hawaii	530	300	200	490	240	170
United States	151,080	156,850	128,850	149,950	156,350	127,890

State	Price per ton			Value of utilized production		
	2021-2022	2022-2023	2023-2024	2021-2022	2022-2023	2023-2024
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California	2,430.00	3,530.00	2,040.00	328,584	487,734	239,000
Florida	939.00	800.00	1,010.00	13,256	14,289	10,697
Hawaii	2,250.00	2,710.00	3,280.00	1,104	650	558
United States	2,290.00	3,220.00	1,960.00	342,944	502,673	250,255

Papaya Bearing Acreage, Yield, Production, Price, and Value - States and United States: 2021-2023

State	Bearing acreage			Yield per acre		
	2021	2022	2023	2021	2022	2023
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Hawaii	700	700	650	22,300	16,700	15,800
United States	700	700	650	22,300	16,700	15,800

State	Total production			Utilized production		
	2021	2022	2023	2021	2022	2023
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Hawaii	15,600	11,700	10,250	14,350	9,830	9,540
United States	15,600	11,700	10,250	14,350	9,830	9,540

State	Price per pound			Value of utilized production		
	2021	2022	2023	2021	2022	2023
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Hawaii	0.686	0.636	0.679	9,845	6,252	6,477
United States	0.686	0.636	0.679	9,845	6,252	6,477

Macadamia Bearing Acreage, Yield, Production, Price, and Value - States and United States: 2021-2023

State	Bearing acreage			Yield per acre ¹		
	2021	2022	2023	2021	2022	2023
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)
Hawaii	16,300	16,200	16,000	3,110	2,330	2,300
United States	16,300	16,200	16,000	3,110	2,330	2,300

State	Utilized production					
	2021		2022		2023	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Hawaii		50,700		37,700		36,800
United States		50,700		37,700		36,800

State	Price per pound			Value of utilized production		
	2021	2022	2023	2021	2022	2023
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Hawaii	1.230	0.880	0.840	62,361	33,176	30,912
United States	1.230	0.880	0.840	62,361	33,176	30,912

¹ Yield is based on utilized production.

Noncitrus Fruit Comments

Avocado: Utilized production for the 2023 crop season totaled 127,890 tons, down 18 percent from the previous year. Bearing acreage was estimated at 52,180, up 1 percent from the previous year. The average yield was 2.47 tons per acre, down 0.56 ton from the previous year. Of the total utilized production, 127,660 tons were for the fresh market and 230 tons were for processing. The value of the 2023 crop totaled \$250 million, down 50 percent from the previous season, with an average annual price of \$1,960 per ton.

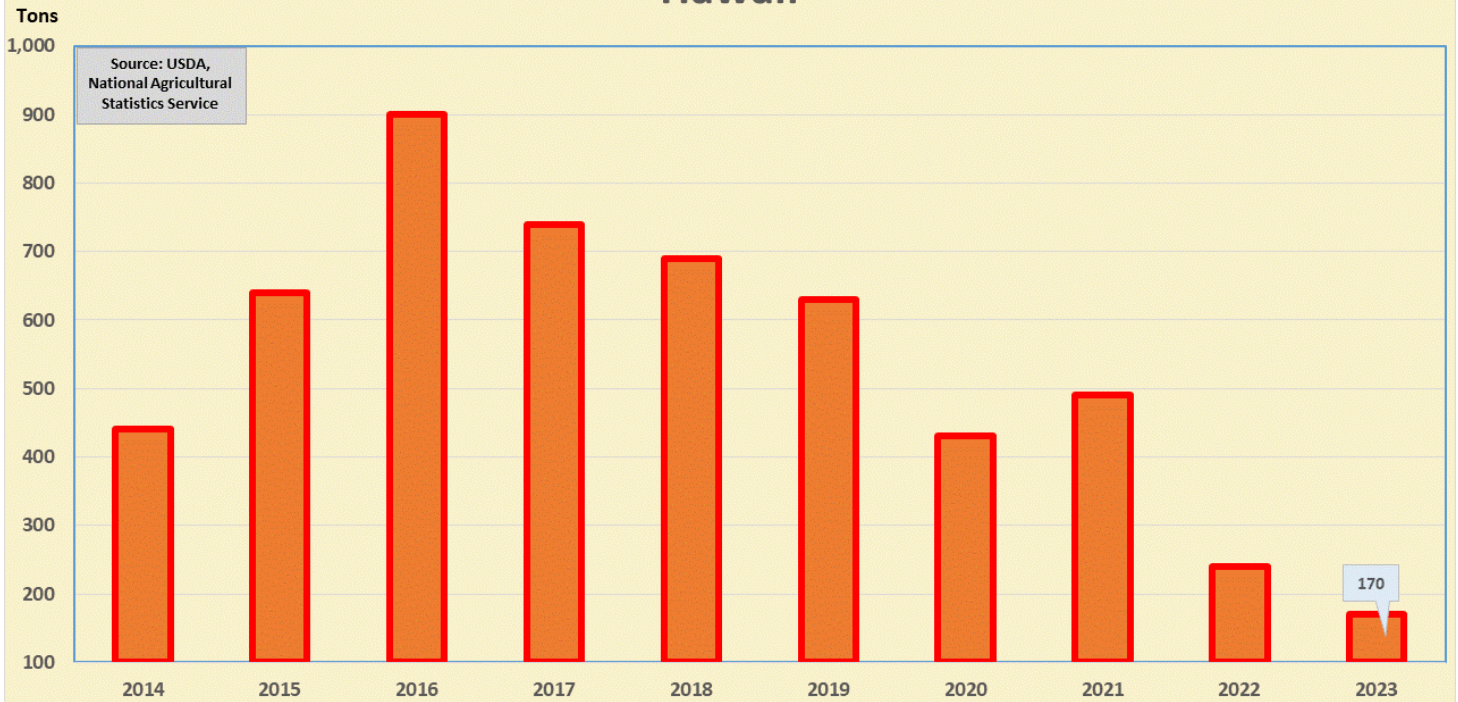
In California, the largest producing State, the avocado harvest was delayed into the summer due to low prices. Peak harvest came in June and July, closer to early summer rather than late spring. Mild weather allowed for longer fruit hang times leading to growers harvesting in August. In Florida, producers cited increased beetle and Laurel Wilt disease issues this season, and as a result, some groves would not be replanted. In Hawaii, many growers reported problems with lace bug, which defoliate the trees causing low fruit set and fruit drop. Additionally, many growers donated or gave away harvested fruit because it was not marketable.

Papaya: Utilized production in 2023 totaled 9.54 million pounds, down 3 percent from 2022. Bearing acreage was estimated at 650 acres, down 7 percent from the previous year. The average yield was 15,800 pounds per acre, down 900 pounds from the previous year. The value of the crop totaled \$6.48 million, up 4 percent from the previous year, with an average annual price of 67.9 cents per pound.

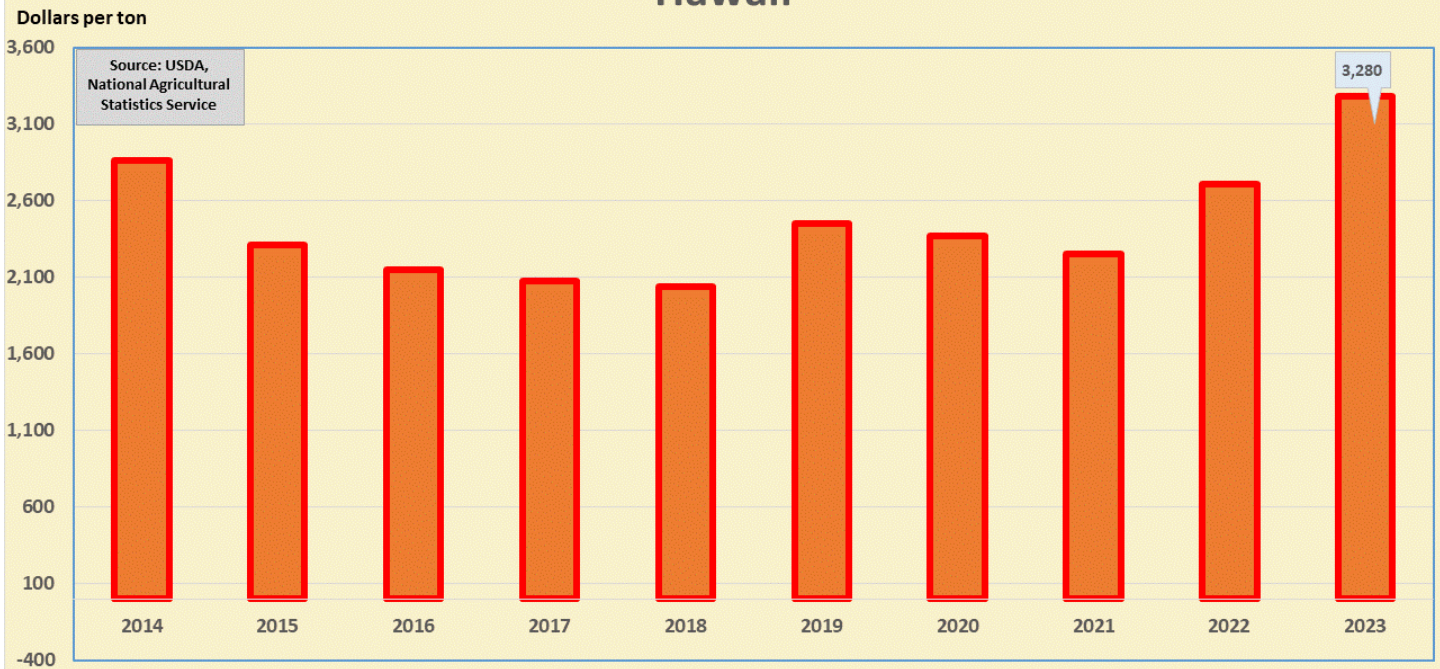
Tree Nut Comments

Macadamia: Utilized production in Hawaii for 2023 totaled 36.8 million pounds, down 2 percent from the previous year. Bearing acreage was estimated at 16,000, down 1 percent from the previous year. The average yield was 2,300 pounds per acre, down 30 pounds from the previous year. The value of the crop totaled \$30.9 million, down 7 percent from the previous season, with an average annual price of \$0.84 per pound. In Hawaii, feral hog damage to macadamia nut orchards were reported during the growing season. Additionally, insects, including the Macadamia Felted Coccid (MFC) impacted the crop. These insects can cause reduced yield and eventually mortality in the trees. During 2023, macadamia nut farmers experienced marketing challenges and the lowest price since 2012.

Avocado Utilized Production Hawaii

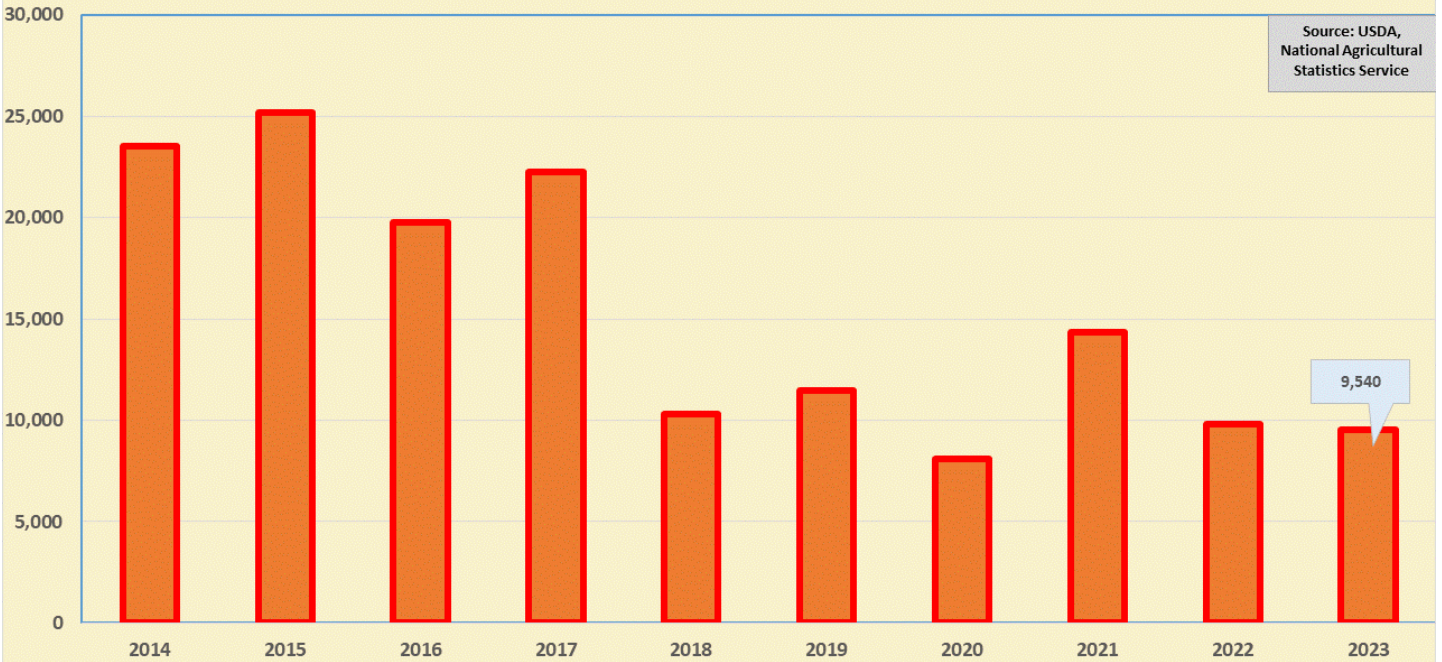


Avocado Price Hawaii



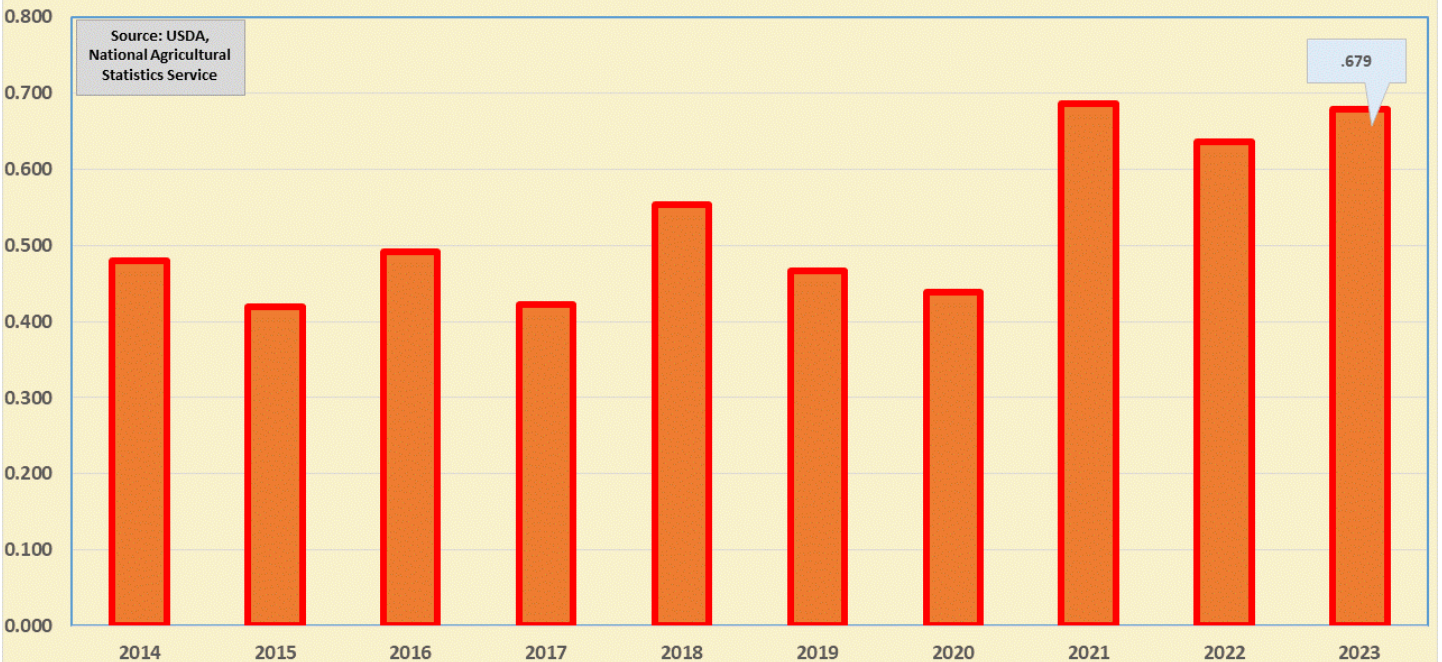
Papaya Utilized Production Hawaii

Thousand Pounds



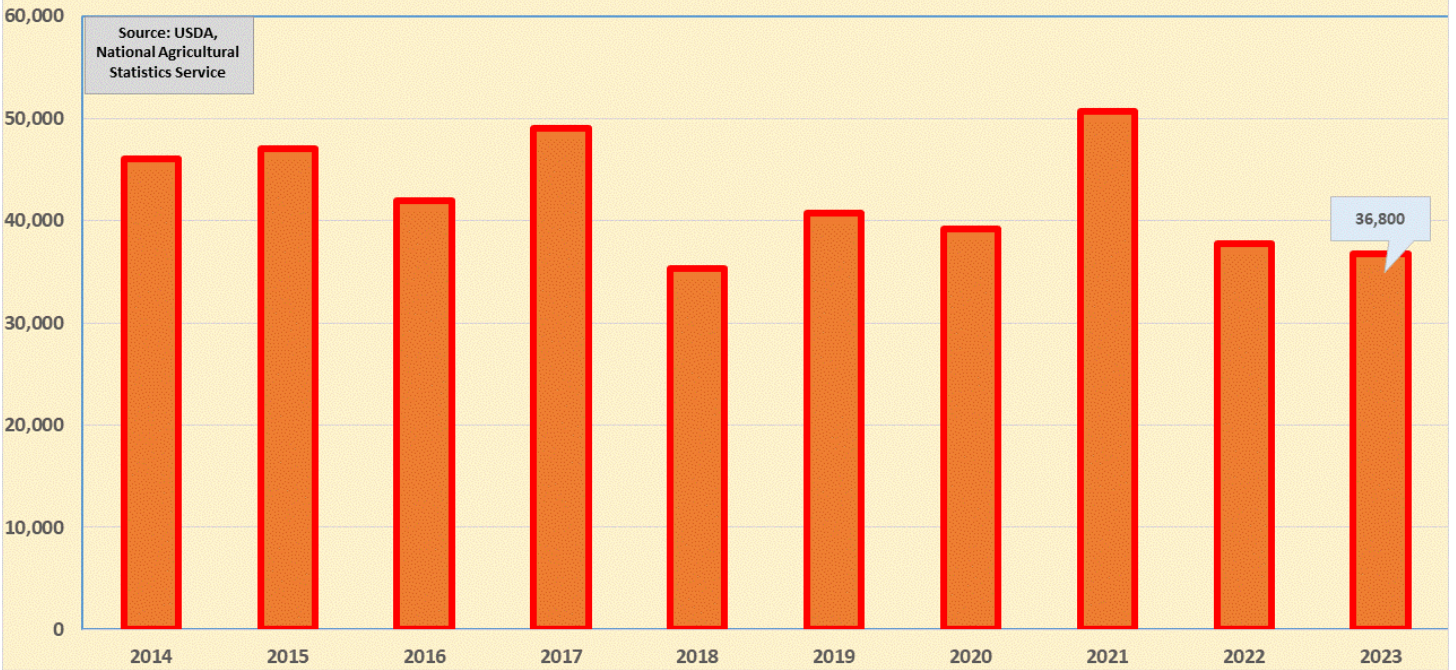
Papaya Price Hawaii

Dollars per pound



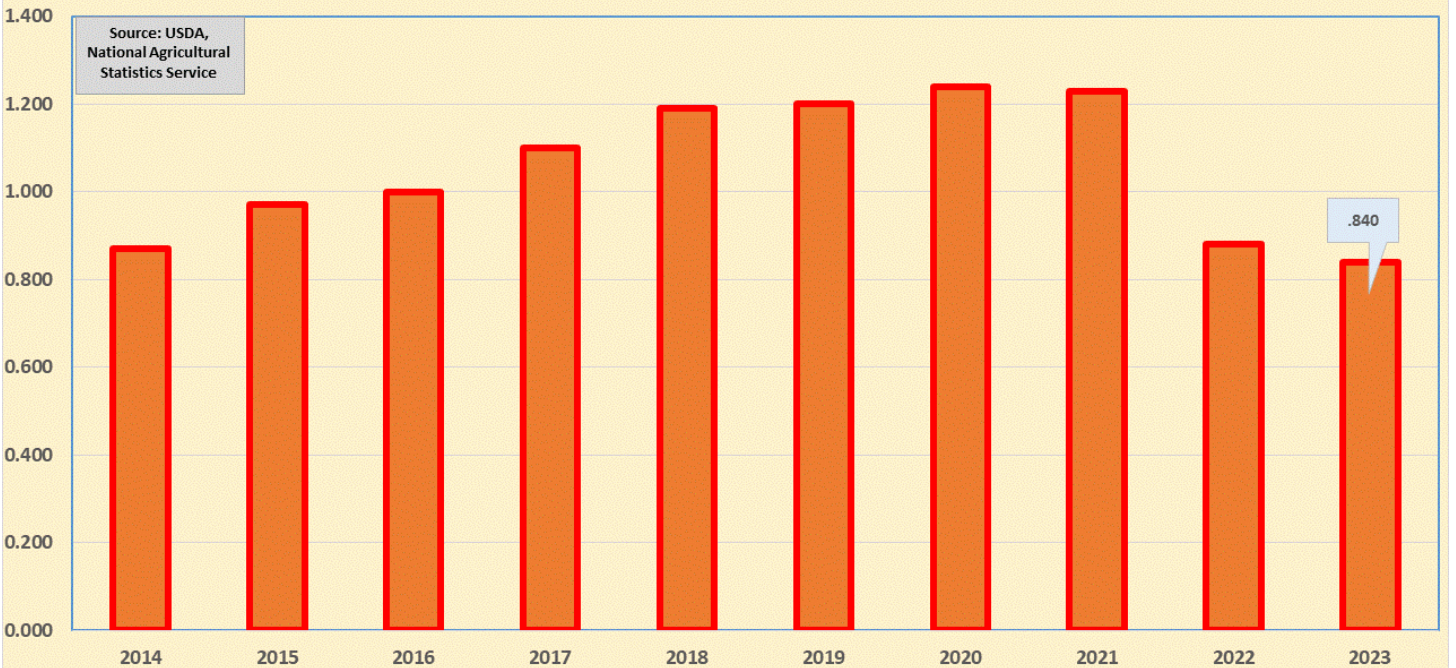
Macadamia Nut Utilized Production Hawaii

Thousand Pounds



Macadamia Nut Price Hawaii

Dollars per pound



Noncitrus Fruits Marketing Seasons

Avocado: November 1 to October for California; June 20 to March 1 for Florida; January 1 to December 31 for Hawaii
Papaya: January 1 to December 31

Tree Nuts Marketing Seasons

Macadamia: July 1 to June 30

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