



Lychee



Mango

# HAWAII TROPICAL SPECIALTY FRUITS



Star fruit

FREQUENCY: ANNUAL

RELEASED: August 1, 2001

## TROPICAL SPECIALTY FRUIT ACREAGE INCREASES

Hawaii tropical specialty fruit sales for 1999 totaled **646,000** pounds, 9

### In this Issue:

|  |     |
|--|-----|
| Hawaii Summary & Statistics . . .            | 1-2 |
| Inshipments . . . . .                        | 3   |
| Florida Mango Production and Value . . . . . | 3   |
| U.S. Mango Imports, 1997-99 . .              | 4   |

percent less than the previous year according to the Hawaii Agricultural Statistics Service (HASS). Variable weather conditions in 1998/99 lowered production for some fruit crops in 1999. Compared with 1998, higher outputs were reported for star fruit and persimmon, but lower for mango, lychee, rambutan, and atemoya.

on Kauai, Maui, and Honolulu counties. Harvested acreage was up 30 acres to 270 acres. Just under two-thirds of the trees are nonbearing age.

In 1999, an additional 300 acres were planted, primarily rambutan, mango, and lychee. Growers expect to plant another 140 acres of tropical specialty fruits in 2000.

The 1999 farm value of tropical specialty fruits is estimated at \$1.0 million, 11 percent below the 1998 value. Rambutan, lychee, and mango were the top three contributors to the 1999 value.

Fruits included in this survey are listed at the bottom of this page. Not all fruits are published separately to avoid disclosure of individual operations.

Total in-crop acreage of tropical specialty fruits was 910 acres in 1999, compared to 800 acres in 1998. About 59 percent of the acreage was collectively located



Hawaii Agricultural Statistics Service

Fact Finders For Agriculture

HAWAII DEPARTMENT OF AGRICULTURE  
U.S. DEPARTMENT OF AGRICULTURE  
P.O. BOX 22159  
HONOLULU, HI 96823-2159  
(808) 973-9588  
FAX: (808) 973-2909  
Internet:  
<http://www.nass.usda.gov/hi/fruit/tropfrt.htm>

**Donald A. Martin**  
State Agricultural Statistician

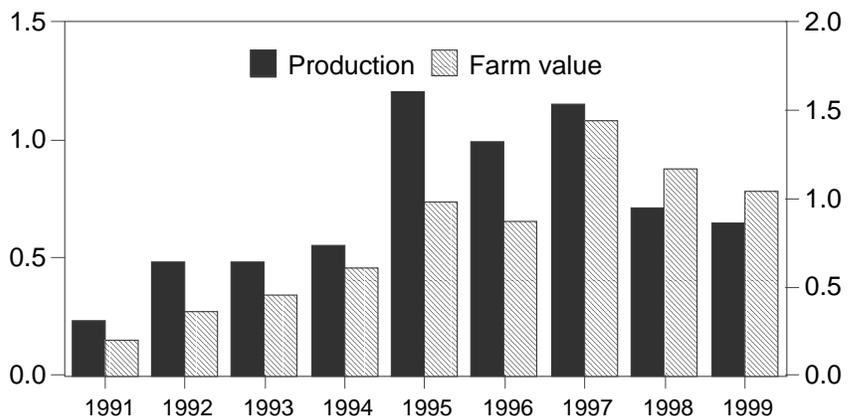
**Regina W. Hidano**  
Agricultural Statistician

**Karen A. Lee**  
Statistical Assistant

Contributing:

James Yamaki - Hawaii  
Naomi Landgraf - Maui, Molokai, & Lanai  
June Okamura - Oahu & Kauai  
Wendell Au - Oahu

**TROPICAL SPECIALTY FRUITS: Production and Farm Value, State of Hawaii, 1991-99<sup>1 2</sup>**



<sup>1</sup> Tropical specialty fruits covered in this survey include: abiu, atemoya, caimito, cherimoya, durian, langsat, longan, loquat, lychee, mango, mangosteen, persimmon, rambutan, sapodilla, soursop, specialty pineapple, star fruit, white sapote, breadfruit, canistel, jaboticaba, jackfruit, poha, rollina, and others.

<sup>2</sup> Specialty pineapple was excluded beginning in 1998 but included in all pineapple totals.

# TROPICAL SPECIALTY FRUIT STATISTICS

**Table 1. TROPICAL SPECIALTY FRUIT: Number of farms, acreage, number of trees, and area State of Hawaii, 1999, with 2000 intentions**

| Crop               | Farms <sup>1</sup> |              | Acreage      |               | Number of trees |              | Area planted in 1999 | Planting intentions for 2000 |
|--------------------|--------------------|--------------|--------------|---------------|-----------------|--------------|----------------------|------------------------------|
|                    | In crop            | Harvested    | Total        | Bearing       |                 |              |                      |                              |
|                    | <i>Number</i>      | <i>Acres</i> | <i>Acres</i> |               |                 | <i>Acres</i> |                      |                              |
| Star fruit         | 25                 | 20           | 15           | 1,800         | 1,700           |              |                      |                              |
| Lychee             | 80                 | 275          | 45           | 12,900        | 3,100           |              |                      |                              |
| Mango              | 80                 | 240          | 85           | 11,200        | 4,600           |              |                      |                              |
| Rambutan           | 60                 | 205          | 70           | 9,400         | 3,500           |              |                      |                              |
| Other <sup>2</sup> | --                 | 170          | 55           | 8,900         | 3,700           |              |                      |                              |
| <b>Total</b>       | <b>140</b>         | <b>910</b>   | <b>270</b>   | <b>44,200</b> | <b>16,600</b>   | <b>300</b>   | <b>140</b>           |                              |

-- = Not applicable.

<sup>1</sup> A farm may grow more than one type of fruit. Total farms is an unduplicated count; excludes home use.

<sup>2</sup> See page 1 for description of "Other" fruits in addition to those shown separately.

**Table 2. TROPICAL SPECIALTY FRUIT: Production, price, and value, State of Hawaii, 1998-99**

| Crop                    | Production          |            | Farm price <sup>1</sup>  |           | Value of sales       |              |
|-------------------------|---------------------|------------|--------------------------|-----------|----------------------|--------------|
|                         | 1998                | 1999       | 1998                     | 1999      | 1998                 | 1999         |
|                         | <i>1,000 pounds</i> |            | <i>Dollars per pound</i> |           | <i>1,000 dollars</i> |              |
| Star fruit <sup>2</sup> | 37                  | 96         | .97                      | .66       | 36                   | 63           |
| Lychee                  | 157                 | 86         | 1.96                     | 2.81      | 308                  | 242          |
| Mango <sup>2</sup>      |                     | 162        |                          | 1.02      |                      | 166          |
| Rambutan                | 139                 | 113        | 3.03                     | 2.88      | 422                  | 326          |
| Other <sup>4</sup>      | 377                 | 189        | --                       | --        | 403                  | 243          |
| <b>Total</b>            | <b>710</b>          | <b>646</b> | <b>--</b>                | <b>--</b> | <b>1,169</b>         | <b>1,040</b> |

-- = Not applicable.

<sup>1</sup> Equivalent delivered packing house or processing plant door. Exclude costs of packing and shipping or value added by processing.

<sup>2</sup> Sales and price include fresh and processed.

<sup>3</sup> Data not shown separately to avoid disclosure of individual operations but combined and included with "Other".

<sup>4</sup> See page 1 for description of "Other" fruits in addition to those shown separately.

**Table 3. TROPICAL SPECIALTY FRUIT: Number of farms, acreage, production, and value, by county, 1998-99**

| County                                | Farms <sup>1</sup> |            | Acreage    |            |              |            | Production   |            | Value of sales |              |
|---------------------------------------|--------------------|------------|------------|------------|--------------|------------|--------------|------------|----------------|--------------|
|                                       | 1998               | 1999       | In crop    |            | Harvested    |            | 1998         | 1999       | 1998           | 1999         |
|                                       |                    |            | 1998       | 1999       | 1998         | 1999       |              |            |                |              |
| Hawaii <sup>2</sup>                   | 80                 | 85         | 315        | 375        | <sup>3</sup> | 110        | <sup>3</sup> | 256        | <sup>3</sup>   | 397          |
| Kauai <sup>2</sup> /Maui<br>/Honolulu | 50                 | 55         | 485        | 535        | <sup>3</sup> | 160        | <sup>3</sup> | 390        | <sup>3</sup>   | 643          |
| <b>Total</b>                          | <b>130</b>         | <b>140</b> | <b>800</b> | <b>910</b> | <b>240</b>   | <b>270</b> | <b>710</b>   | <b>646</b> | <b>1,169</b>   | <b>1,040</b> |

<sup>1</sup> A farm may grow more than one type of fruit. Total farms is an unduplicated count; excludes home use.

<sup>2</sup> Sales and value include fresh and processed.

<sup>3</sup> Data not shown separately to avoid disclosure of individual operations but combined and included with "Total".

# INSHIPMENTS: FRESH FRUITS

**Table 4. INSHIPMENTS: Fresh fruit arrivals into the State of Hawaii, 1995-99 <sup>1</sup>**

| Commodity                 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---------------------------|------|------|------|------|------|
| Kiwifruit                 | 440  | 440  | 371  | NA   | NA   |
| Mango                     | 360  | 276  | 215  | NA   | NA   |
| Persimmon                 | 400  | 359  | 444  | NA   | NA   |
| Other fruits <sup>2</sup> | 560  | 502  | 548  | NA   | NA   |

NA = Not available at the time of publishing.

<sup>1</sup> Inshipment data for 1995 were estimated by the Hawaii Agricultural Statistics Service based on partial inshipment data provided by the Market Analysis and News Branch. Data for 1996 & 1997 consist only of Honolulu Unloads.

<sup>2</sup> Other fruits include: apple pear, atemoya, burros, cactus pear, cherimoya, feijoa, fig, fijola, guava, kiwano, loquat, lychee, manzano, olive (fresh), passion fruit, pepino, quince, star fruit (carambola), and tamarillo. Apple pears comprise most of the "Other fruits".

## FLORIDA MANGO PRODUCTION AND VALUE

Production and value of the 1999 mango crop is unavailable. Commercial shipments are very limited. Some mangos are sold in specialty markets and as green fruit for processing. Although total acreage is unavailable, bearing acreage with trees 4 years old and older is estimated at 1,400.

**Table 5. MANGO: Acreage, bearing trees, production, price, and value, Florida, 1995-99**

| Year        | Acreage           |                         |         | Bearing trees | Production   | Price <sup>2</sup> | Value         |
|-------------|-------------------|-------------------------|---------|---------------|--------------|--------------------|---------------|
|             | Total             | Nonbearing <sup>1</sup> | Bearing |               |              |                    |               |
|             | ----- Acres ----- |                         |         | 1,000         | 1,000 pounds | Cents per pound    | 1,000 dollars |
| 1995        | 1,800             | 300                     | 1,500   | 142           | 8,250        | 21                 | 1,725         |
| 1996        | 1,800             | 300                     | 1,500   | 144           | 5,500        | 27                 | 1,500         |
| 1997        | 1,700             | 300                     | 1,400   | 142           | 5,500        | 26                 | 1,450         |
| 1998        | NA                | NA                      | 1,400   | 139           | NA           | NA                 | NA            |
| <b>1999</b> | NA                | NA                      | 1,400   | 142           | NA           | NA                 | NA            |

NA = Not available.

<sup>1</sup> Four years old.

<sup>2</sup> Price delivered to packing house door.

Source: Florida Agricultural Statistics Service.

# MANGO IMPORTS

**Table 6. U.S. FRESH MANGO IMPORTS: Quantity and value, by country of origin, 1997-99**  
**Harmonized Numbers: 0804504040 (9/1 - 5/31) 0804506040 (6/1 - 8/31)**

| Country of origin        | Quantity       |               |               |                |                |                |
|--------------------------|----------------|---------------|---------------|----------------|----------------|----------------|
|                          | 1996-97        |               | 1997-98       |                | 1998-99        |                |
|                          | 9/1 to 5/31    | 6/1 to 8/31   | 9/1 to 5/31   | 6/1 to 8/31    | 9/1 to 5/31    | 6/1 to 8/31    |
| <i>Metric tons</i>       |                |               |               |                |                |                |
| Mexico                   | 75,716         | 82,154        | 61,649        | 99,939         | 64,821         | 98,520         |
| Haiti                    | 7,135          | 3,180         | 3,331         | 3,803          | 4,833          | 4,311          |
| Brazil                   | 5,404          | 0             | 7,049         | 0              | 12,673         | 42             |
| Peru                     | 3,346          | 0             | 3,673         | 0              | 11,422         | 0              |
| Venezuela                | 473            | 0             | 531           | 0              | 383            | 0              |
| Guatemala                | 6,506          | 262           | 9,309         | 921            | 8,808          | 741            |
| Ecuador                  | 878            | 0             | 5,422         | 0              | 10,554         | 0              |
| Other                    | 1,424          | 51            | 1,946         | 15             | 1,999          | 39             |
| <b>Total<sup>1</sup></b> | <b>100,883</b> | <b>85,646</b> | <b>92,909</b> | <b>104,678</b> | <b>115,493</b> | <b>103,651</b> |
| <b>Value</b>             |                |               |               |                |                |                |
| <i>Million dollars</i>   |                |               |               |                |                |                |
| Mexico                   | 55.1           | 42.0          | 46.8          | 56.5           | 47.9           | 50.5           |
| Haiti                    | 4.8            | 2.2           | 2.4           | 3.0            | 3.5            | 3.2            |
| Guatemala                | 2.7            | .1            | 4.1           | .4             | 3.9            | .4             |
| Other                    | 12.1           | .1            | 19.2          | *              | 33.7           | .1             |
| <b>Total</b>             | <b>74.7</b>    | <b>44.4</b>   | <b>72.5</b>   | <b>59.9</b>    | <b>89.0</b>    | <b>54.2</b>    |

<sup>1</sup> Totals may not add due to rounding.

\* = less than \$50,000.

The conversion for 1 metric ton = 2,204.6 pounds.

Source: U.S. Department of Commerce.