

## Papaya Acreage Survey 2003 Results

Hawaii's August 2003 total papaya acreage is pegged at 2,380 acres, 10 percent higher than the same time a year ago. Bearing or harvested acres across the State were 3 percent fewer than last year.

The Big Island's 124 farms accounted for 91 percent of the State's total papaya acreage. Harvested acreage on the Big Island was 92 percent of the State's harvested papaya acreage, compared to 93 percent last year.

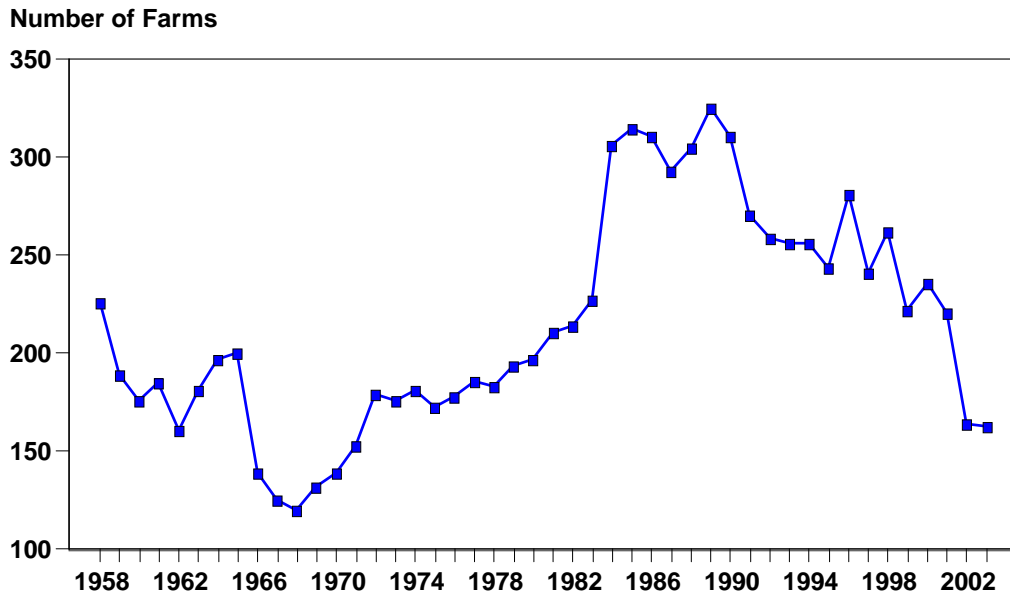
Maui/Molokai/Oahu followed with 24 growers and 7 percent of the total papaya acreage. Kauai's 15 producers had 2 percent of the State's total papaya acreage.

**Papaya acreage, State of Hawaii, August 2003 with 2002<sup>1</sup> comparison**

County	Farms		Bearing		Non-bearing		Total	
	2002	2003	2002	2003	2002	2003	2002	2003
	<i>Number</i>		<i>Acres</i>					
Hawaii	122	124	1,490	1,430	430	735	1,920	2,165
Maui/Honolulu	26	24	80	100	105	65	185	165
Kauai	15	15	40	30	20	20	60	50
State	163	163	1,610	1,560	555	820	2,165	2,380

<sup>1</sup>Revised.

## Papaya: Number of Farms State of Hawaii, 1958-2003\*

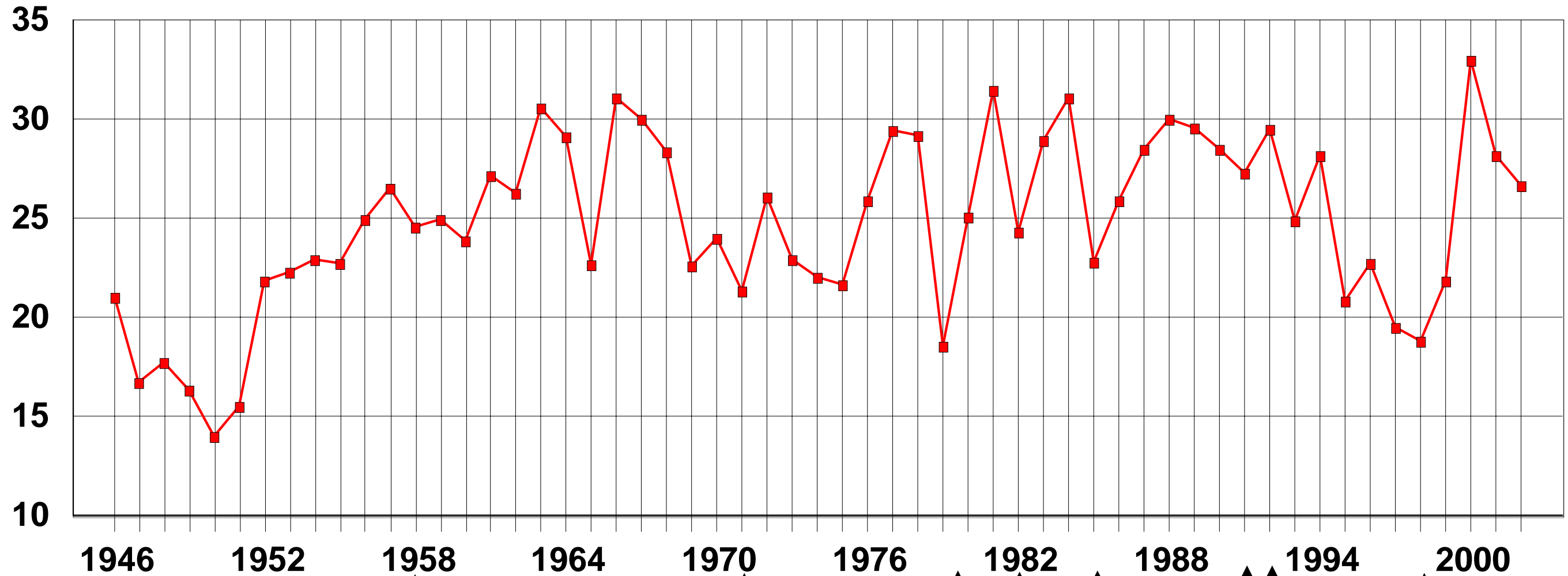


\*2003 preliminary

# Papaya Yields

## State of Hawaii, 1946-2002

Pounds per acre (1,000)



1958, majority of production centered on Big Island. Previous years, production centered on Oahu.

1971, virgin soil technique introduced.

1979-80, severe rains; United Airlines strike.

1982, Hurricane Iwa destroys Kauai orchards.

1991, high tree losses due to phytophthora.

1985, storm causes 6 to 12 percent tree losses.

1992, PRV found in Pahoia, Hawaii.

May 1998, PRV resistant varieties released.

## Varietal Summary

Rainbow and Kapoho varieties were 46 and 38 percent of the State's total papaya acreage, respectively. Sunrise represented 10 percent of the acreage grown followed by other varieties which made up the remaining 6 percent.

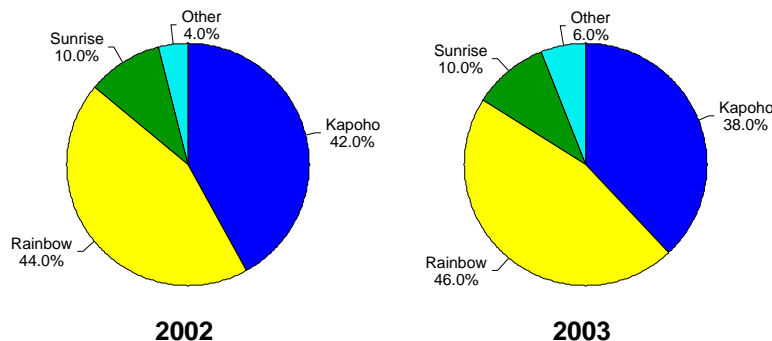
Kapoho represented 41 percent of the bearing acreage, compared to 49 percent from last August. Rainbow was being harvested from 44 percent of the bearing acreage compared to 37 percent a year ago.

**Papaya varietal distribution, State of Hawaii, August 2003 with 2002 comparison**

Variety	Bearing		Non-bearing		Total	
	2002	2003	2002	2003	2002	2003
	<i>Percent</i>					
Kapoho	49	41	24	31	42	38
Rainbow	37	44	60	51	44	46
Sunrise	8	9	13	13	10	10
Other <sup>1</sup>	6	6	3	5	4	6
Total	100	100	100	100	100	100

<sup>1</sup> Sunup combined with "Other" to avoid disclosure.

**Papaya: Varietal Distribution  
State of Hawaii  
August 2003 with 2002 Comparison**



## Island Summary

On the Big Island, Rainbow represented 50 percent of acreage planted to papaya. Kapoho, which stood at 47 percent last year, represented 41 percent of the August 2003 Big Island papaya acreage. Together, Kapoho and Rainbow represented over 90 percent of the Big Island's 2,165 total papaya acres. "Other" varieties made up the remaining 9 percent of Big Island papaya acreage.

Big Island's bearing acreage in Rainbow and Kapoho was 47 percent and 45 percent, respectively. This compares with last year's 40 percent and 53 percent for Rainbow and Kapoho, respectively.

### Papaya: Big Island varietal distribution, August 2003 with 2002 comparison

Variety	Bearing		Non-bearing		Total	
	2002	2003	2002	2003	2002	2003
	<i>Percent</i>					
Kapoho	53	45	29	34	47	41
Rainbow	40	47	66	56	47	50
Other <sup>1</sup>	7	8	5	10	6	9
Total	100	100	100	100	100	100

<sup>1</sup> Sunrise combined with "Other".

### Papaya: Big Island distribution within variety, August 2003 with 2002 comparison

Variety	Bearing		Non-bearing		Total	
	2002	2003	2002	2003	2002	2003
	<i>Percent</i>					
Kapoho	83	72	17	28	100	100
Rainbow	61	62	39	38	100	100
Other <sup>1</sup>	79	62	21	38	100	100
Total	72	66	28	34	100	100

<sup>1</sup> Sunrise combined with "Other".

### Papaya: Harvested Acreage Distribution Big Island, August 2003 with 2002 Comparison

