



HAWAII BANANAS

ANNUAL SUMMARY

FREQUENCY: Annual

RELEASE: July 17, 2000

1999 HAWAII BANANA OUTPUT HITS ANOTHER RECORD HIGH

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Hawaii banana production reached a record breaking high **24.5** million pounds in 1999, up 17 percent from the previous year according to the Hawaii Agricultural Statistics Service (HASS). New and maturing banana acreage for Hawaii and Honolulu counties continued to increase production levels, mainly the Cavendish variety. Weather for 1999 was generally dry, having mixed effects on orchards. Irrigation was in place for larger plantings. The resumption of commercial banana exports after several decades highlighted 1999, with initial shipments to Japan and Guam beginning at mid-year. Banana Bunchy Top Virus (BBTV) eradication efforts were ongoing in the Kona areas of Hawaii island during the year, affecting primarily residential plantings. The majority of the island's commercial acreage is located on the east side. In April 2000, the virus was confirmed again on Kauai after a previous eradication attempt in 1998.

ACREAGE

Total acreage as of February 2000 was a record high 1,760 acres, 160 acres above February last year, and continuing the upward trend of the past seven years. Harvested acreage totaled 1,420 in 1999, unchanged from a year earlier. Growers planted 220 additional acres Statewide in 1999. About 430 acres are intended to be planted during 2000.

(Continued on page 4)



Hawaii Agricultural
Statistics Service
Fact Finding 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/annban.htm>

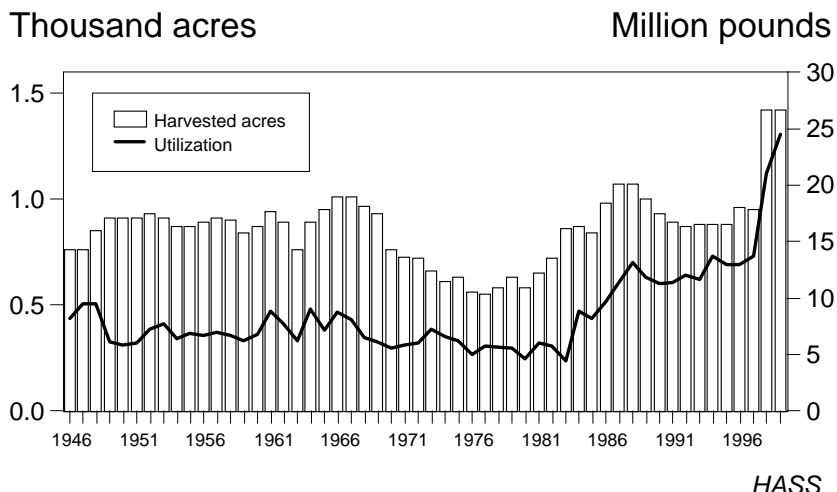
Donald A. Martin
State Agricultural Statistician

Regina W. Hidano
Research Statistician

Karen A. Lee
Statistical Assistant

Contributing: James Yamaki - Hawaii
Llewellyn Suzuki - Hawaii
Naomi Landgraf - Maui
June Okamura - Honolulu & Kauai
Wendell Au - Honolulu

BANANAS: Acres Harvested and Utilization, State of Hawaii, 1946-99



HASS

BANANA STATISTICS BY COUNTY

Table 1. BANANAS: Acreage by variety, State of Hawaii, 1998-99, with 2000 intentions¹

	Variety				New plantings 1999	Planting intentions 2000
	Hawaii Apple ²		Cavendish ³			
	1998	1999	1998	1999		
<i>Acres</i>						
State	660	700	940	1,060	220	430

¹ As of February following year, i.e., acreage data shown for 1999 is as of February 1, 2000. ² Includes Dwarf Hawaii Apple and Apple bananas, formerly called Hawaii Apple. ³ Includes Chinese, Williams, Valery, and Grand Nain. Bluefields, Dwarf Bluefields, and other bananas are also included with Cavendish.

Table 2. BANANAS: Number of farms, acreage, yield, utilization, price, and value, by county, 1995-99

Year	Farms	Acreage		Yield per acre (harvested)	Utilization Fresh	Farm price	Value of sales
		In crop ¹	Harvested ²				
	<i>Number</i>	<i>----- Acres -----</i>		<i>----- 1,000 pounds -----</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>	
State³							
1995	170	1,120	880	14.8	13,000	40.0	5,200
1996	170	1,240	960	13.5	13,000	40.0	5,200
1997	170	1,590	950	14.4	13,700	38.0	5,206
1998	200	1,600	1,420	14.8	21,000	35.0	7,350
1999	210	1,760	1,420	17.3	24,500	35.0	8,575
Counties:							
Hawaii							
1995	41	600	445	19.6	8,700	35.0	3,045
1996	41	695	495	17.0	8,400	35.5	2,982
1997	48	840	550	17.8	9,800	34.0	3,352
1998	50	740	665	16.7	11,100	31.0	3,430
1999	45	830	650	18.2	11,800	32.5	3,819
Honolulu							
1995	78	405	345	8.9	3,060	50.5	1,545
1996	78	435	380	8.4	3,200	48.5	1,555
1997	75	635	320	8.6	2,750	46.5	1,276
1998	75	715	655	13.1	8,600	38.0	3,268
1999	85	785	670	16.9	11,300	35.5	4,039
Kauai							
1995	29	55	45	9.3	420	44.0	184
1996	29	55	45	11.3	510	42.5	218
1997	28	40	35	12.9	450	43.5	196
1998	40	60	50	10.0	500	42.5	212
1999	40	60	50	10.2	510	42.5	218
Maui							
1995	22	60	45	18.2	820	52.0	426
1996	22	55	40	22.3	890	50.0	445
1997	19	75	45	15.6	700	54.5	382
1998	35	85	50	16.0	800	55.0	440
1999	40	85	50	17.8	890	56.0	499

¹ As of February following year, i.e., acreage data shown for 1999 is as of February 1, 2000. ² Acreage reflects quarterly average during the year.

³ County totals may not add to State totals due to rounding.

BANANA STATISTICS BY VARIETY

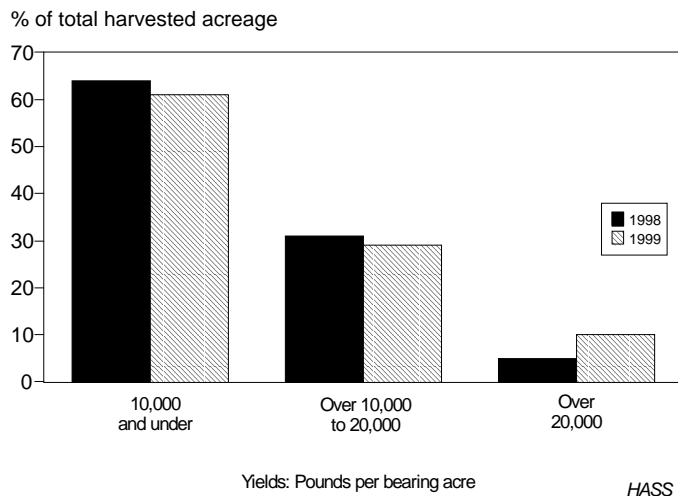
Table 3. BANANAS: Utilization, acreage, and price, State of Hawaii, 1995-99

Year	Utilization Fresh													Acreage		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total or average	In crop	Harvested	
----- 1,000 pounds -----															----- Acres -----	
All Bananas																
1995	1,020	931	980	1,055	972	1,083	1,120	1,060	1,035	1,190	1,241	1,313	13,000	1,120	880	
1996	1,175	840	825	825	816	862	1,200	1,544	1,281	1,442	1,264	926	13,000	1,240	960	
1997	1,021	840	764	802	990	1,118	1,362	1,419	1,230	1,432	1,365	1,357	13,700	1,590	950	
1998	1,196	1,096	1,261	1,359	1,516	1,943	2,163	2,117	2,112	2,095	2,063	2,079	21,000	1,600	1,420	
1999	1,739	1,743	1,968	1,714	2,124	2,090	2,323	2,500	2,363	2,151	1,820	1,965	24,500	1,760	1,420	
Hawaii Apple¹																
1995	220	219	298	307	306	327	275	326	355	347	345	375	3,700	535	440	
1996	333	272	254	270	322	300	354	438	427	487	424	319	4,200	560	495	
1997	369	327	342	303	311	279	303	364	326	364	349	363	4,000	540	445	
1998	344	345	388	367	308	281	322	367	385	390	397	506	4,400	660	510	
1999	487	442	418	392	398	402	360	386	390	429	403	393	4,900	700	530	
Cavendish²																
1995	800	712	682	748	666	756	845	734	680	843	896	938	9,300	585	440	
1996	842	568	571	555	494	562	846	1,106	854	955	840	607	8,800	680	465	
1997	652	513	422	499	679	839	1,059	1,055	904	1,068	1,016	994	9,700	1,050	505	
1998	852	751	873	992	1,208	1,662	1,841	1,750	1,727	1,705	1,666	1,573	16,600	940	910	
1999	1,252	1,301	1,550	1,322	1,726	1,688	1,963	2,114	1,973	1,722	1,417	1,572	19,600	1,060	890	
FARM PRICE FOR FRESH MARKET																
<i>Cents per pound</i>																
All Bananas³																
1995	38.0	38.0	40.0	40.0	41.5	40.5	40.0	41.5	42.0	40.0	39.5	39.5	40.0			
1996	39.5	41.0	41.0	41.0	42.5	41.5	39.5	39.0	40.0	39.0	39.0	39.5	40.0			
1997	44.0	44.5	45.0	43.0	38.0	36.0	34.5	35.5	36.0	35.5	34.5	34.5	38.0			
1998	36.0	38.5	37.5	38.0	37.5	35.5	34.5	33.5	33.0	32.5	33.5	34.5	35.0			
1999	37.0	38.5	38.0	37.5	35.0	33.5	32.5	33.0	33.0	33.5	36.5	35.0	35.0			
Hawaii Apple¹																
1995	50.5	51.0	51.5	51.5	52.0	52.0	52.0	51.5	51.5	51.5	51.0	51.0	51.5			
1996	50.5	52.0	52.0	52.0	51.5	51.5	50.0	49.5	49.5	49.0	49.5	50.0	50.5			
1997	48.5	49.5	49.5	50.0	50.5	52.0	51.5	51.0	51.0	50.0	50.0	49.5	50.0			
1998	49.5	49.5	49.0	49.0	50.0	53.0	53.0	51.0	50.5	50.0	49.5	48.5	50.0			
1999	48.0	47.5	47.0	47.0	47.5	47.5	47.5	48.0	47.5	47.5	48.0	48.0	47.5			
Cavendish⁴																
1995	34.0	34.0	35.0	35.0	36.0	35.5	36.0	36.5	36.5	35.5	35.0	35.0	35.5			
1996	34.5	36.0	36.0	36.0	36.5	36.0	35.5	35.0	35.0	33.5	34.0	34.0	35.0			
1997	38.0	41.5	42.0	42.0	38.5	32.0	30.5	29.5	30.0	30.0	30.0	29.0	33.0			
1998	30.0	33.5	32.5	33.5	34.0	32.5	31.0	29.5	28.5	28.5	29.5	30.0	30.5			
1999	32.5	35.0	35.5	34.5	31.5	30.0	29.5	30.0	30.0	29.5	33.0	31.5	31.5			

¹Includes Dwarf Hawaii Apple and Apple bananas, formerly called Hawaii Apple. ²Includes Chinese, Williams, Valery, and Grand Nain. Bluefields, Dwarf Bluefields, and other bananas are combined with Cavendish beginning 1993. Previous publications provide a breakdown for Bluefields. ³Includes Bluefields, Dwarf Bluefields, and other bananas. ⁴Includes Chinese, Williams, Valery, and Grand Nain.

BANANA ACREAGE DISTRIBUTED BY YIELD

BANANAS: Distribution of Harvested Hawaii Apple Acreage by Yield, State of Hawaii, 1998-99



BANANAS: Distribution of Harvested Cavendish Acreage by Yield, State of Hawaii, 1998-99

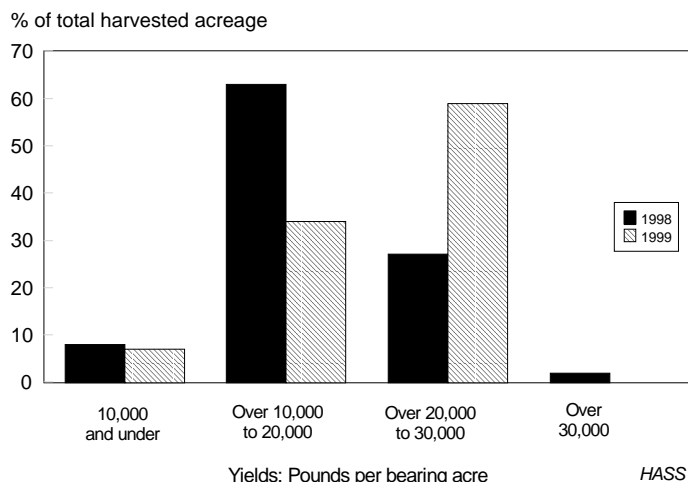


Table 4. BANANAS: Distribution of harvested acreage by yield, State of Hawaii, 1998-99

Stratum: Yield per harvested acre	Variety							
	Hawaii Apple ¹				Cavendish ²			
	Harvested acres		Average yield		Harvested acres		Average yield	
	1998	1999	1998	1999	1998	1999	1998	1999
<i>Pounds</i>			<i>----- Pounds -----</i>				<i>----- Pounds -----</i>	
Over 30,000	³	³	³	³	18	³	35,100	³
20,001 - 30,000	⁴ 24	⁴ 50	⁴ 31,900	⁴ 22,400	241	⁴ 529	24,900	⁴ 27,300
10,001 - 20,000	157	156	14,400	14,500	574	301	16,600	16,200
10,000 and Under	329	324	4,100	5,200	77	60	5,700	5,200
Total	510	530	8,600	9,200	910	890	18,200	22,000

¹ Includes Apple and dwarf varieties, formerly called Brazilian.

² Includes Chinese, Williams, Valery, and Grand Nain. Bluefields, Dwarf Bluefields, and other bananas are included with Cavendish.

³ Data not shown separately but combined and included in "20,001-30,000" pounds per acre.

⁴ Includes "Over 30,000" pounds per acre.

SALES AND YIELD

Overall Statewide yields averaged 17,300 pounds per acre, 2,500 pounds more than a year ago. Cavendish production totaled 19.6 million pounds in 1999, up 18 percent from 1998, accounting for 80 percent of the State total. The overall average yield for Cavendish was 22,000 pounds per acre, up 3,800 pounds from 1998. About 60 percent of the Cavendish acreage averaged over 20,000 pounds per acre as new plantings came into harvest. Hawaii Apple output was 11 percent more than 1998 to 4.9 million pounds. Hawaii Apple bananas yielded 9,200 pounds per acre, up 600 pounds from the previous year. About 61 percent of the Hawaii Apple acreage averaged 10,000 pounds or less per acre. Hawaii and Honolulu counties contributed 94 percent of the total banana utilization. Maui and Kauai counties accounted for the remaining 6 percent.

FARM PRICES AND VALUE

The 1999 farm price for all varieties of local bananas averaged 35.0 cents per pound, unchanged from the previous year. Cavendish bananas averaged 31.5 cents per pounds, up 1.0 cent from last year. The average farm price for Hawaii Apple was down 2.5 cents per pound to 47.5 cents. The Statewide farm value reached a record \$8.6 million with higher output.

HISTORICAL DATA

Table 5. BANANAS: State of Hawaii, 1946-99

Year	Farms	Acreage		Yield per acre (harvested)	Utilization Fresh	Farm price ¹	Value of sales
		In crop	Harvested				
	<i>Number</i>	<i>----- Acres -----</i>		<i>----- 1,000 pounds -----</i>		<i>Cents per pound</i>	<i>1,000 dollars</i>
1946	NA	1,000	760	10.7	8,163	4.6	373
1947	NA	1,020	760	12.5	9,475	6.4	608
1948	NA	1,020	850	11.2	9,510	6.0	572
1949	NA	1,010	910	6.7	6,115	7.6	464
1950	NA	1,020	910	6.5	5,870	7.2	424
1951	NA	990	910	6.7	6,085	7.4	451
1952	NA	1,010	930	7.8	7,250	6.7	489
1953	NA	980	910	8.5	7,760	6.5	503
1954	NA	930	870	7.4	6,430	6.8	436
1955	NA	950	870	7.9	6,850	6.5	444
1956	NA	1,000	890	7.6	6,725	6.8	454
1957	NA	1,050	910	7.7	6,985	5.7	398
1958	NA	1,050	900	7.4	6,665	6.8	435
1959	NA	1,010	840	7.4	6,210	7.1	438
1960	NA	1,130	970	7.8	6,810	6.4	435
1961	NA	1,160	940	9.4	8,835	6.7	592
1962	NA	1,110	890	8.7	7,710	6.6	509
1963	NA	1,040	760	8.2	6,245	7.8	484
1964	246	1,090	890	10.1	9,010	7.7	690
1965	243	1,160	950	7.5	7,160	7.7	545
1966	229	1,150	1,010	8.6	8,730	7.7	668
1967	216	1,155	1,010	8.0	8,095	7.0	567
1968	207	1,115	965	6.7	6,485	7.7	499
1969	170	1,038	933	6.6	6,170	9.4	580
1970	182	820	760	7.4	5,600	10.6	594
1971	172	810	725	8.1	5,865	11.6	680
1972	172	795	720	8.3	6,000	12.0	720
1973	171	730	660	11.1	7,295	10.6	773
1974	173	670	610	10.8	6,600	13.1	865
1975	154	690	630	9.8	6,200	13.8	856
1976	152	615	560	9.0	5,030	15.5	780
1977	153	610	550	10.5	5,800	15.6	905
1978	147	660	580	9.8	5,700	18.5	1,055
1979	148	690	630	8.8	5,550	20.5	1,138
1980	159	730	580	7.9	4,600	23.9	1,099
1981	152	760	650	9.2	6,000	25.7	1,542
1982	179	940	720	8.0	5,750	28.6	1,645
1983	183	1,100	860	5.2	4,470	31.2	1,395
1984	180	990	870	10.2	8,900	30.0	2,670
1985	178	1,060	840	9.7	8,160	30.3	2,472
1986	185	1,140	980	9.9	9,700	30.0	2,910
1987	175	1,220	1,070	10.7	11,400	29.7	3,386
1988	160	1,220	1,070	12.3	13,200	33.0	4,356
1989	150	1,150	1,000	11.9	11,900	36.5	4,344
1990	150	1,000	930	12.2	11,300	38.0	4,294
1991	145	970	890	12.8	11,400	41.0	4,674
1992	135	960	870	13.8	12,000	41.0	4,920
1993	130	980	830	14.1	11,700	38.0	4,446
1994	145	1,020	880	15.6	13,700	37.0	5,069
1995	170	1,120	880	14.8	13,000	40.0	5,200
1996	170	1,240	960	13.5	13,000	40.0	5,200
1997	170	1,590	950	14.4	13,700	38.0	5,206
1998	200	1,600	1,420	14.8	21,000	35.0	7,350
1999	210	1,760	1,420	17.3	24,500	35.0	8,575

¹ Price rounded to nearest 0.5 cent beginning 1994.

U.S. FRESH BANANA IMPORTS

Table 6. BANANAS: U.S. fresh banana imports, quantity and value, 1996-99

Year	Quantity	Custom value
	<i>Metric tons</i>	<i>1,000 dollars</i>
1996	3,771,805	1,097,152
1997	3,775,355	1,121,436
1998	3,914,797	1,092,703
1999	4,291,425	1,080,236

The conversion for 1 metric ton = 2,204.6 pounds. Source: U.S. Department of Commerce.

Table 7. BANANAS: U.S. fresh banana imports, quantity and value, by country, 1999
Harmonized number: 0803002020

Country	Quantity	Custom value
	<i>Metric tons</i>	<i>1,000 dollars</i>
Mexico	140,802	39,997
Guatemala	501,918	137,218
Honduras	83,668	20,068
Costa Rica	1,603,844	353,550
Panama	130,973	32,722
Dominican Republic	11,733	4,905
Colombia	605,819	170,808
Venezuela	3,471	1,665
Ecuador	1,169,467	311,155
Nicaragua	39,712	8,134
Rep of the Philippines	18	14
Total	4,291,425	1,080,236

The conversion for 1 metric ton = 2,204.6 pounds.
 Source: U.S. Department of Commerce.

In 1999, the U.S. imported 4.3 million metric tons of fresh bananas from foreign sources, up 10 percent from the previous year. Costa Rica and Ecuador continued to account for more than half of the bananas imports. The value posted \$1.1 billion, 1 percent less than the 1998 value.