

National Agricultural Statistics Service

Hawaii Agricultural Statistics Service
Hawaii Department of Agriculture
P.O. Box 22159
Honolulu, HI 96823-2159
Telephone: (808) 973-9588
Fax: (808) 973-2909

Hawaii Ginger Root

Annual report on acres harvested, production, farm prices and value.

Statistics page 2

Acres harvested, yield, production, average farm prices, and total farm value from 1949.

Outlook for next season page 3

Acres expected to be harvested during the 2000/2001 season.

U.S. imports of ginger root during 1999 pages 3 & 4

Annual imports of ginger root by product type and country of origin.

Farm Value Hits Record High

The farm value of Hawaii's 1999/2000 ginger root crop is estimated at a record-high \$8.9 million, up 11 percent from the previous season. The record revenue was generated by a 32-percent increase in the average farm price that more than offset a 16-percent decline in production. At 66.0 cents per pound, the 1999/2000 average farm price was the third consecutive year of increase, but was also well below the record-high farm price of 92.3 cents per pound reached during the 1981/82 season. The previous record high for farm revenue was set during the 1996/97 season at \$8.1 million.

Less acreage results in lower production

Hawaii farmers harvested 13.5 million pounds of ginger root during the 1999/2000 season, down 16 percent from the previous season. The main reason for the decline in output was a 23-percent decrease in harvested acreage to 270 acres, the lowest total in four years. Losses to disease accounted for some of the decline in harvested acreage, but farmers also did not plant as much acreage as in past years. The potential loss to disease and relatively low prices were cited by farmers as reasons for not planting for the 1999/2000 season.

See *Less Acreage* page 3

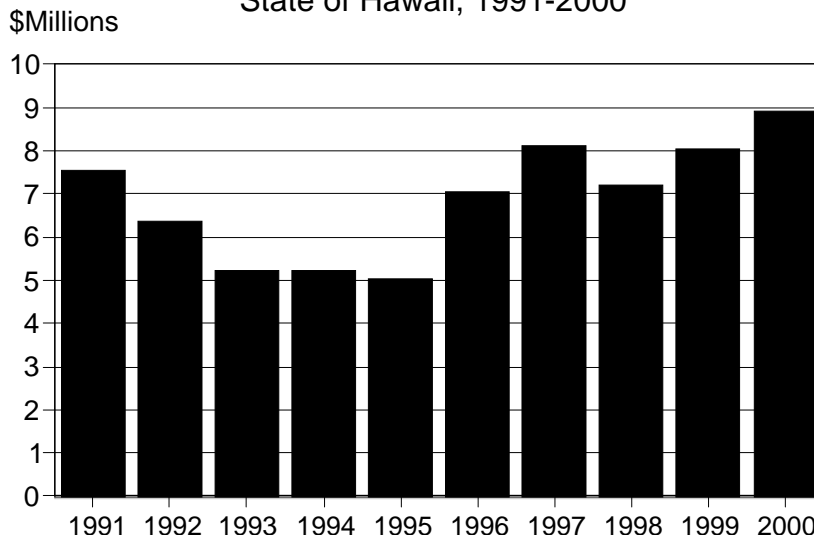
Donald A. Martin
State Agricultural Statistician

Ron Nakamura
Research Statistician

Elyse Taka
Statistical Assistant

Wendell Au
Naomi Landgraf
June Okamura
Llewellyn Suzuki
James Yamaki
Research Statisticians

Farm Value of Fresh Hawaii Ginger Root
State of Hawaii, 1991-2000



Hawaii Fresh Ginger Root Statistics

Acres harvested, yield per harvested acre, production, average farm price, and farm value
State of Hawaii, 1949 to 2000

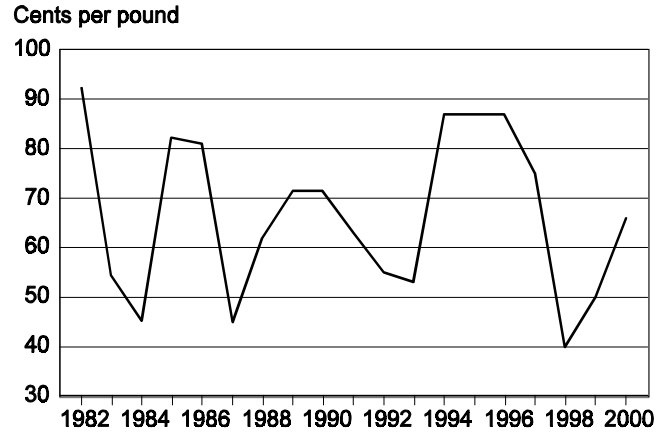
Year ^{1/}	Acres harvested	Yield per harvested acre	Production	Average farm price	Farm value
		----- 1,000 pounds -----		Cents per pound	\$1,000
1949	18	38.3	690	16.2	112
1950	16	35.9	575	22.1	127
1951	14	27.9	390	43.3	169
1952	14	30.4	425	39.3	167
1953	13	43.5	565	28.8	163
1954	20	40.2	805	21.5	173
1955	20	39.2	785	19.5	150
1956	22	34.5	760	22.1	168
1957	17	33.5	570	25.3	144
1958	15	32.7	490	39.2	192
1959	25	29.2	730	24.4	178
1960	32	28.3	905	19.7	178
1961	27	25.2	680	23.8	162
1962	21	17.1	360	40.0	144
1963	17	22.6	385	30.6	118
1964	25	26.2	655	18.5	121
1965	15	35.0	525	23.4	123
1966	14	35.0	490	28.4	139
1967	19	37.9	720	28.3	204
1968	19	37.1	705	26.0	183
1969	21	40.0	840	28.9	243
1970	21	39.3	820	29.4	241
1971	23	40.2	925	27.5	254
1972	17	29.4	500	41.8	209
1973	13	39.6	515	68.7	354
1974	11	32.0	352	61.9	218
1975	22	36.0	793	60.7	481
1976	18	36.1	650	61.8	402
1977	39	28.5	1,110	65.4	726
1978	55	24.4	1,340	61.1	819
1979	75	24.8	1,860	61.2	1,138
1980	40	40.8	1,610	61.7	1,090
1981	64	44.7	2,860	76.2	2,179
1982	100	36.3	3,630	92.3	3,350
1983	160	32.1	5,140	54.6	2,806
1984	135	37.4	5,050	45.1	2,280
1985	125	43.4	5,425	82.3	4,465
1986	145	40.7	5,900	81.0	4,779
1987	215	46.7	10,050	45.0	4,523
1988	165	49.1	8,100	62.0	5,022
1989	180	50.0	9,000	71.5	6,435
1990	190	50.0	9,500	71.5	6,792
1991	250	48.0	12,000	63.0	7,560
1992	290	40.0	11,600	55.0	6,380
1993	360	27.5	9,900	53.0	5,247
1994	150	40.0	6,000	87.0	5,220
1995	135	43.0	5,800	87.0	5,046
1996	200	47.0	9,400	87.0	7,050
1997	275	44.0	12,100	75.0	8,107
1998	360	50.0	18,000	40.0	7,200
1999	350	46.0	16,100	50.0	8,050
2000	270	50.0	13,500	66.0	8,910

^{1/} Harvesting normally begins in December and continues into the year shown.

Less Acreage. . . from page 1

Offsetting some of the decline in harvested acreage was a 9-percent increase in average yields to 50,000 pounds. The improvement in yields was mainly a result of improved weather conditions in the windward areas of the Big Island which accounts for most of the State's ginger root. While many areas of the State experienced relatively dry conditions during 1999, the windward side of the Big Island was having a wetter-than-normal first quarter. This was beneficial for the 1999/2000 plantings which need abundant rainfall during the initial phase of growth. And while rainfall tailed-off during the summer, showers were sufficient enough to ensure a good yielding crop. A relatively dry period that extended from the end of 1999 through the first quarter of 2000 benefitted harvesting operations.

Fresh Hawaii Ginger Root Farm Prices
State of Hawaii, 1980-1999



Outlook for 2000/2001 season

Acres planted by farmers for 2000/2001 season, forecast of production based on historical yields, and acres harvested in past seasons.

Hawaii ginger root growers are expected to plant 440 acres for harvest during the 2000/2001 season, up 63 percent from the 270 acres that were harvested during the 1999/2000 season. Farmers surveyed by the Hawaii Agricultural Statistics Service reported that plantings were 76 percent complete at the end of April 2000.

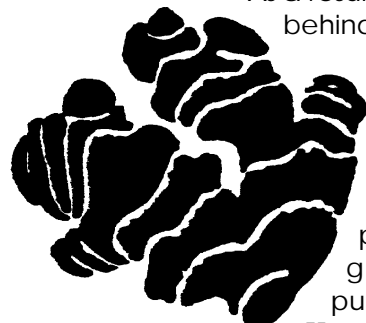
Based on the most recent 3-year average yield of 48,600 pounds per harvested acre, the 2000/2001 crop would result in 21.4 million pounds, up 59 percent from the 1999/2000 harvest.

The eventual size of the 2000/2001 harvest, however, will depend on a number of subsequent factors. Future weather conditions, the degree of insect and disease infestation, and the amount of acreage that will actually be planted all will have an important impact on the 2000/2001 crop.

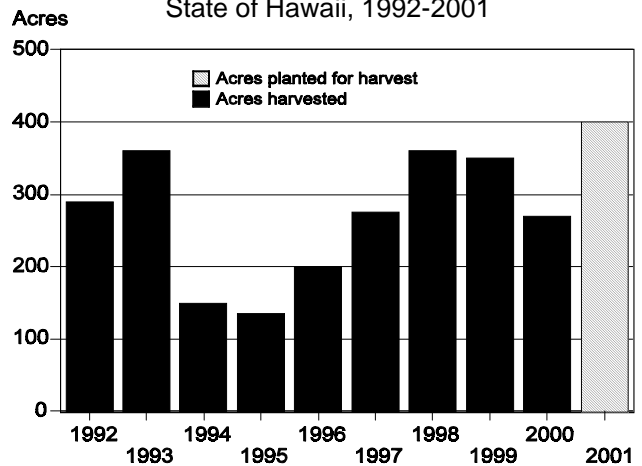
Weather conditions have been variable so far this year. After a very wet January, conditions have been relatively dry in the windward areas of the Big Island.

As a result, planting activities were behind schedule. Furthermore, the dry weather has forced farmers to make strategic use of irrigation water.

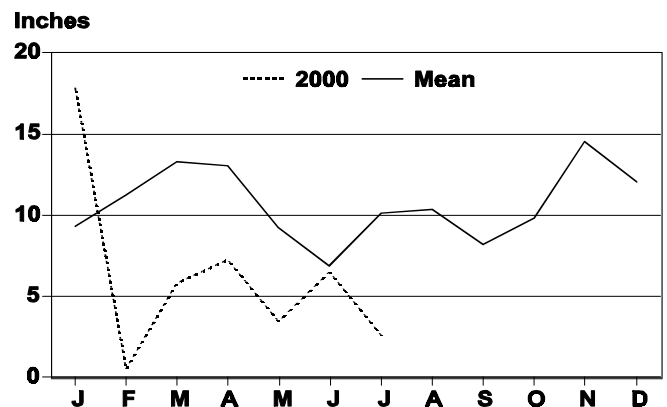
Regular updates on the progress of the 2000/2001 ginger root crop are published in the weekly *Hawaii Crop Weather* report.



Expected Ginger Root for Harvest with Acres Harvested in Previous Seasons
State of Hawaii, 1992-2001



Monthly Rainfall at Hilo Airport
Hawaii island, 2000



U.S. Imports of Ginger Root

Year	Type of Ginger Root				Total
	Ground	Not Ground	Preserved	Sweet	
1999 by Country			<i>pounds</i>		
Australia			739,542		739,542
Brazil		8,021,856			8,021,856
Canada	9,191		216,913	345,240	571,344
China	126,643	11,601,701	128,418	162,503	12,019,265
Costa Rica	35,789	6,321,208			6,356,997
Ecuador		247,480			247,480
Fiji		684,590	20,335	116,491	821,416
Fed. Rep. of Germany	1,102	148,484			149,586
Guatemala		254,900			254,900
Honduras		261,267			261,267
Hong Kong	21,997	11,087	7,646	118,482	159,212
India	223,785	1,263,465		16,561	1,503,811
Indonesia		88,325	412,348		500,673
Israel	91,866		1,135		93,001
Japan	113,524	1,102		2,086	116,712
Mexico		130,426			130,426
Nicaragua		209,073			209,073
Nigeria		585,471			585,471
Rep. of South Africa		75,662			75,662
Spain		39,418			39,418
Tanzania		59,531			59,531
Thailand	42,648	3,630,533	460,111	1,059,478	5,192,770
Other	1,984	43,519	13,477	237,998	296,978
Total	668,529	33,679,098	1,999,925	2,058,839	38,406,391
1998	562,744	30,374,619	1,512,118	1,815,909	34,265,390
1997	853,615	29,649,346	1,267,228	2,045,717	33,815,906
1996	1,219,638	30,367,631	1,064,712	1,819,324	34,471,304
1995	524,876	33,768,107	1,025,792	1,345,992	36,664,767

Source: U.S. Department of Commerce

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