

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 Vegetables

A monthly summary of acreage, sales, and farm prices for Hawaii's major vegetables

**Other crop highlights** ..... page 2  
Crop conditions and projections of harvested acreage.

**Monthly statistics** ..... page 3  
Plantings, acres harvested, average yield, total sales, and average farm prices.

**U.S. per capita consumption** ..... page 4  
Historical per capita consumption rates for selected U.S. vegetables.

## Head Cabbage

### Crop condition

Crop conditions remained generally good to fair. Insect and disease damage was relatively light with a few areas reporting elevated levels. Heavy irrigation helped to ensure normal crop growth. Farmers have reported that head sizes and quality have been very good.

### October review

Statewide sales totaled 1.1 million pounds in October, up 13 percent from September. Harvested yields averaged 26,000 pounds per acre during October, up 13 percent

from September.

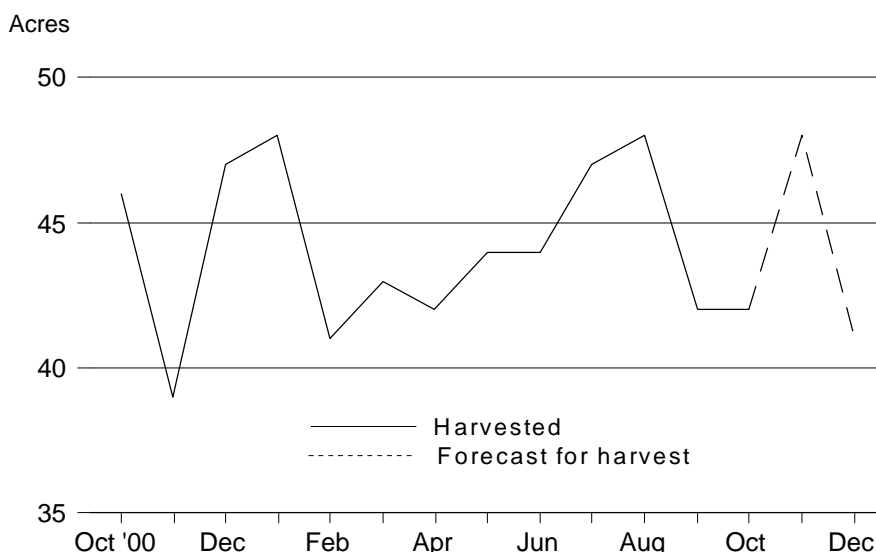
Farm prices averaged 22.6 cents per pound in October, up 2 percent from September.

### Outlook

Harvested acreage is expected to increase 14 percent in November to 48 acres. Farmers are then anticipated to reduce their harvested acreage by 15 percent to 41 acres in December

The advent of winter with its cooler temperatures and shorter periods of sunshine will begin to slow and improve crop development.

**HEAD CABBAGE:** Monthly acres harvested and forecast for harvest. State of Hawaii



**Donald A. Martin**  
State Agricultural Statistician

**Ron Nakamura**  
Research Statistician

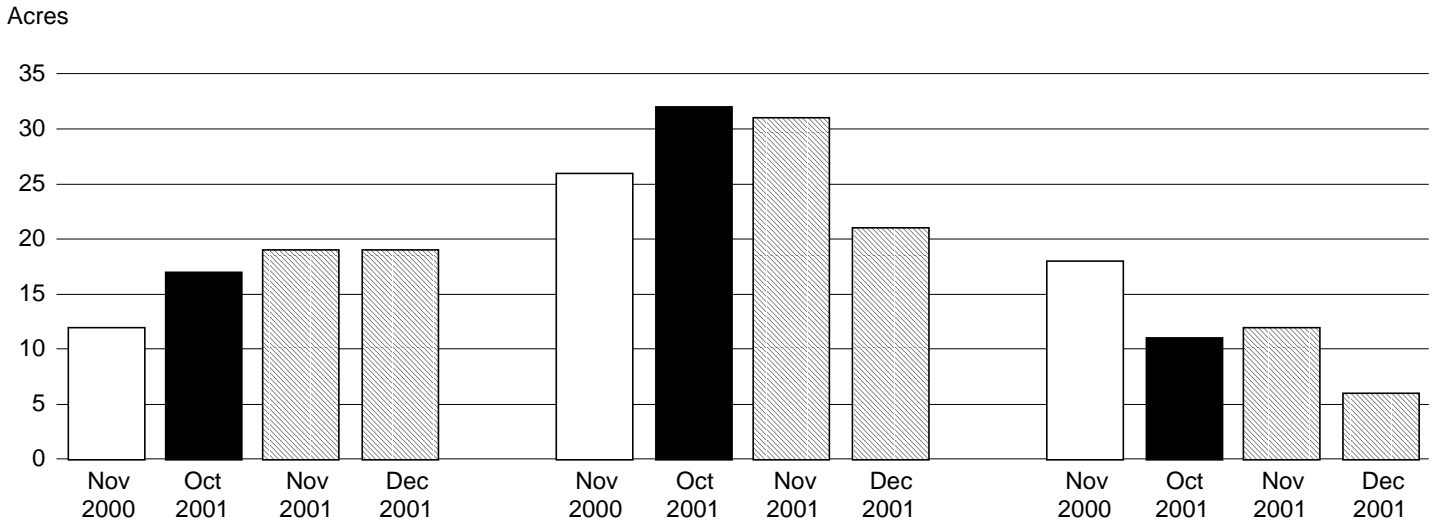
**Joyce Jay**  
Statistical Assistant

**Wendell Au**  
**Naomi Landgraf**  
**Robert Miyake**  
**June Okamura**  
**James Yamaki**  
Research Statisticians

# Crop highlights

Crop conditions, acres harvested, and acres intended to be harvested for selected vegetables, State of Hawaii.

Acres harvested year ago
  Acres harvested
  Acres intended for harvest



## Snap Beans

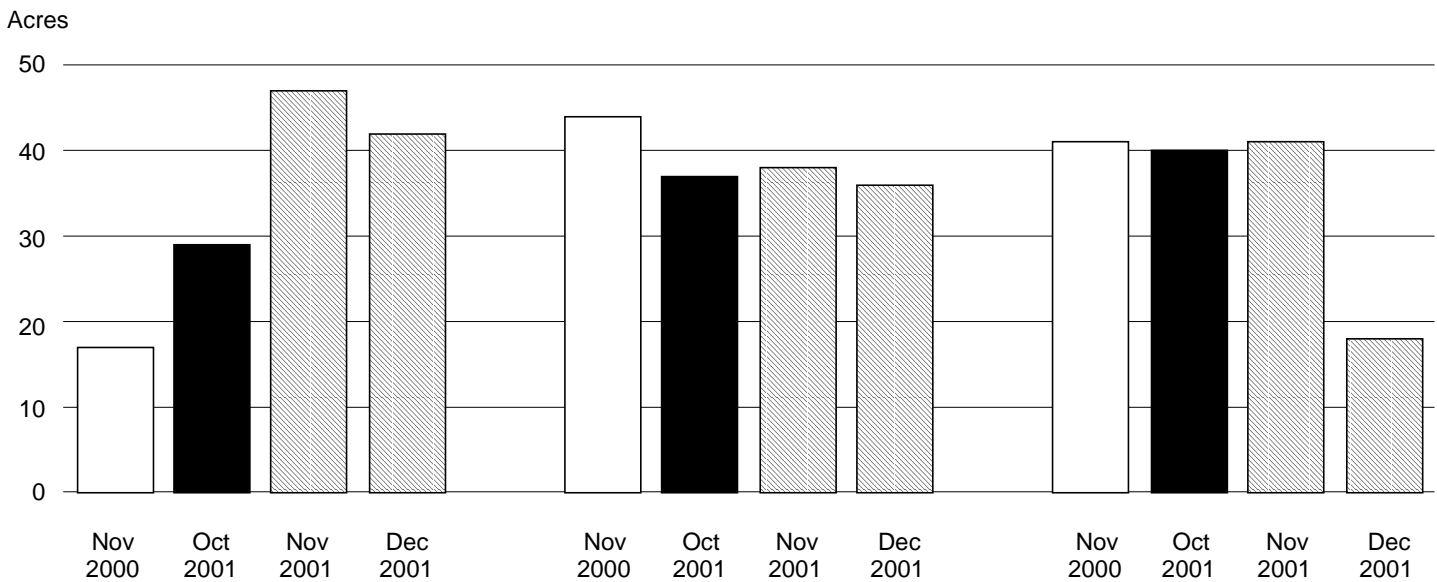
Crop conditions were mostly fair in the major growing areas. Acreage for harvest is expected to increase this month, but yields have decreased due to cloudy conditions and cooler temperatures.

## Chinese Cabbage

Crop conditions were fair to good. Wet weather hampered harvesting and planting activities in some areas during October. Overall, insect and disease damage has been light. Cooler temperatures are expected to benefit the crop.

## Romaine

Crop conditions were mostly good. Irrigation has been heavy to promote normal growth. Insect and disease damage was light.



## Dry onion

Crop conditions were fair to good. Weather conditions varied by locale, with the drier areas benefitting the most. Harvested acreage is expected to get a boost in November from new acreage on Oahu.

## Cucumbers

Crop conditions varied from poor to good. Virus infestation and wind damage hampered crop development in some areas. Other areas saw a reduction in disease damage.

## Sweet corn

Crop conditions were mostly fair to good. Seasonally shorter days and cooler temperatures will continue to hamper crop growth through the winter months. In addition, some fields experienced small ear sizes due to a lack of water and poor germination.

# October statistics

Total acres, harvested acres, average yield, total sales, and average farm prices for 13 selected vegetables with January-to-date totals, State of Hawaii.

Crop	Total acres on Nov 1 <sup>st</sup>	October 2001				January-to-date sales		
		Acres harvested	Average yield <sup>1/</sup>	Total sales	Average farm price	2000 <sup>2/</sup>	2001	Change
			<i>1,000 lbs per acre</i>	<i>1,000 lbs</i>	<i>Cents per lb.</i>	<i>----- 1,000 lbs -----</i>	<i>Percent</i>	
Beans, snap	38	17	3.9	67	102.2	1,031	911	-12
Cabbage, Chinese	51	32	17.0	544	29.2	6,176	5,624	-9
Cabbage, head	96	42	26.0	1,094	22.6	12,507	10,938	-13
Cabbage, mustard	16	9	13.7	123	49.1	1,227	1,169	-5
Corn, sweet	65	40	3.3	130	57.6	2,100	1,544	-26
Cucumbers	58	37	12.3	456	44.3	4,842	4,611	-5
Lettuce, head	9	7	10.7	75	42.9	841	771	-8
Lettuce, semi-head	8	5	4.4	22	79.3	281	265	-6
Onions, dry	117	29	4.5	131	113.8	4,013	5,034	25
Onions, green	33	13	7.2	94	94.7	1,232	1,177	-4
Peppers, green	38	19	13.3	252	54.1	2,310	2,595	12
Romaine	19	11	8.6	95	43.0	1,669	1,627	-3
Tomatoes	3/	59	24.8	1,464	46.0	13,026	14,883	14

<sup>1/</sup> Total sales divided by acres harvested. <sup>2/</sup> Revised. <sup>3/</sup> Not published to avoid disclosure of individual operations.

# Acreage summary

Monthly new plantings, acres harvested, and acres for harvest for 13 selected vegetables, State of Hawaii.

Crop	New acres planted			Acres harvested			Acres for harvest	
	Aug 2001	Sep 2001	Oct 2001	Aug 2001	Sep 2001	Oct 2001	Nov 2001	Dec 2001
Beans, snap	17	21	20	17	16	17	19	19
Cabbage, Chinese	30	31	35	19	28	32	31	21
Cabbage, head	43	47	48	48	42	42	48	41
Cabbage, mustard	10	10	10	7	8	9	11	7
Corn, sweet	40	29	23	44	36	40	41	18
Cucumbers	35	37	37	37	36	37	38	36
Lettuce, head	10	5	7	6	8	7	6	3
Lettuce, semi-head	5	5	5	5	5	5	5	5
Onions, dry	16	46	52	18	22	29	47	42
Onions, green	13	14	14	14	12	13	13	13
Peppers, green	1/	1/	1/	18	18	19	1/	1/
Romaine	13	11	13	11	13	11	12	6
Tomatoes	1/	1/	1/	56	54	59	1/	1/

<sup>1/</sup> Not published to avoid disclosure of individual operations.

Selected vegetables, fresh market, U.S. per capita utilization, 1977-2001

Year	Asparagus	Broccoli	Carrots	Sweet corn	Onions	Tomatoes	Cabbage	Cucumbers	Water-melons
<i>Pounds, farm weight</i>									
1977	0.3	1.2	5.3	7.6	11.1	12.4	8.6	3.5	12.6
1978	0.3	1.0	5.3	6.6	11.1	12.9	8.7	3.8	11.9
1979	0.3	1.2	5.9	6.5	11.6	12.4	8.2	3.8	11.4
1980	0.3	1.4	6.2	6.5	11.4	12.8	8.1	3.9	10.7
1981	0.3	1.7	6.1	6.2	10.7	12.3	8.2	4.0	11.7
1982	0.4	2.0	6.6	6.0	12.2	12.9	8.8	4.2	12.5
1983	0.4	2.0	6.5	6.1	12.2	13.5	8.3	4.5	11.3
1984	0.4	2.5	6.7	6.4	13.1	14.2	8.7	4.7	14.4
1985	0.5	2.6	6.5	6.4	13.6	14.9	8.8	4.4	13.5
1986	0.6	3.0	6.5	6.1	13.7	15.8	8.8	4.6	12.8
1987	0.6	3.1	8.3	6.3	13.4	15.8	9.2	5.1	13.0
1988	0.6	3.8	7.1	5.8	14.5	16.8	9.1	4.8	13.5
1989	0.6	3.8	8.1	6.5	14.8	16.8	8.7	4.8	13.6
1990	0.6	3.4	8.3	6.7	15.1	15.5	8.8	4.7	13.3
1991	0.6	3.1	7.7	5.9	15.7	15.4	8.5	4.6	12.8
1992	0.6	3.4	8.3	6.9	16.2	15.5	8.9	5.0	14.8
1993	0.6	3.4	10.9	7.0	17.3	16.4	9.5	5.3	14.3
1994	0.6	4.5	12.8	8.2	17.1	16.4	9.4	5.4	15.2
1995	0.6	4.4	11.3	7.9	18.0	17.1	8.4	5.7	15.4
1996	0.6	4.6	12.6	8.5	18.7	17.7	8.6	6.0	16.8
1997	0.7	5.1	14.4	8.4	19.1	17.1	9.4	6.5	15.8
1998	0.8	5.2	13.0	9.5	18.6	17.9	8.7	6.6	14.6
1999	0.9	6.7	11.6	9.3	18.8	18.2	7.8	6.9	15.8
2000	1.0	5.6	11.3	9.2	18.8	17.8	9.5	6.7	14.0
2001*	1.0	5.7	11.4	9.3	19.0	17.6	8.4	6.7	13.2

\* = ERS forecast.

Source: Vegetables and Melons Outlook, October 23, 2001, Economic Research Service (ERS), USDA.