

Monthly Hawaii Vegetables

In cooperation with:



March 20, 2007

Variable Weather Conditions During February

**Harvested
acreage charts..... page 2**
Year-ago, month-ago,
and upcoming harvested acreage.

**February
Review..... page 3**
Production statistics and
comments on selected crops.

The State received rainfall early in the month and late in the month, with drier trade wind conditions prevailing during the middle of the month. The passage of a few cold fronts during early February also brought some cool temperatures to the State. The heaviest rainfall, which also produced some flooding, occurred during the end of the month, especially across the windward sectors. In general, drier conditions prevailed over the interior islands with wetter condition over the exterior islands. Rainfall totals on the island of Kauai for February were above normal for windward sectors and below normal for leeward sectors. All areas of Oahu recorded below normal rainfall amounts. Maui County also received below normal rainfall totals. The Big Island of Hawaii, like Kauai, experienced mixed conditions as rainfall amounts were near to above normal along windward sectors and below normal over leeward areas. Weather conditions were mostly favorable for crop progress.

The expected vegetable acreage for harvest in March when compared with acreage harvested in February was mostly higher. An increase in acreage for harvest is expected from **snap beans** (+30%), **Chinese cabbage** (+4%), **mustard cabbage** (+25%), **sweet corn** (+8 percent), **head lettuce** (+33%), **dry onions** (+43%), and **romaine** (+29%). A decrease in the acreage for harvest is expected for **head cabbage** (-9%), **cucumbers** (-17%), and **green onions** (-8%), while the expected acreage for harvest for **semi-head lettuce** was unchanged.

Acreage, average yield, sales, and average farm price, February 2007, State of Hawaii.

Crop	Total acres on Mar. 1	February 2007				January-to-date sales		
		Acre harvested	Average yield ¹	Total sales	Average farm price	2006 ²	2007	Change
		----- 1,000 lbs. -----		Cents per lb.		----- 1,000 lbs. -----		Percent
Beans, snap	25	10	5.8	58	98.5	147	102	-31
Cabbage, Chinese	40	24	24.3	582	32.9	1,130	1,080	-4
Cabbage, head	88	45	20.2	909	36.5	1,917	1,668	-13
Cabbage, mustard	14	8	13.0	104	72.3	270	217	-20
Corn, sweet	74	26	4.9	128	72.5	163	240	47
Cucumbers	48	29	11.8	342	57.5	834	781	-6
Lettuce, head	6	3	14.3	43	62.9	120	85	-29
Lettuce, semi-head	8	4	9.3	37	89.3	94	70	-26
Onions, dry	57	7	11.4	80	155.1	101	150	49
Onions, green	25	13	10.8	141	111.9	238	254	7
Peppers, green	³	21	11.9	250	78.6	498	451	-9
Romaine	13	7	10.3	72	67.6	281	150	-47
Tomatoes	³	71	13.5	957	80.4	2,457	1,935	-21

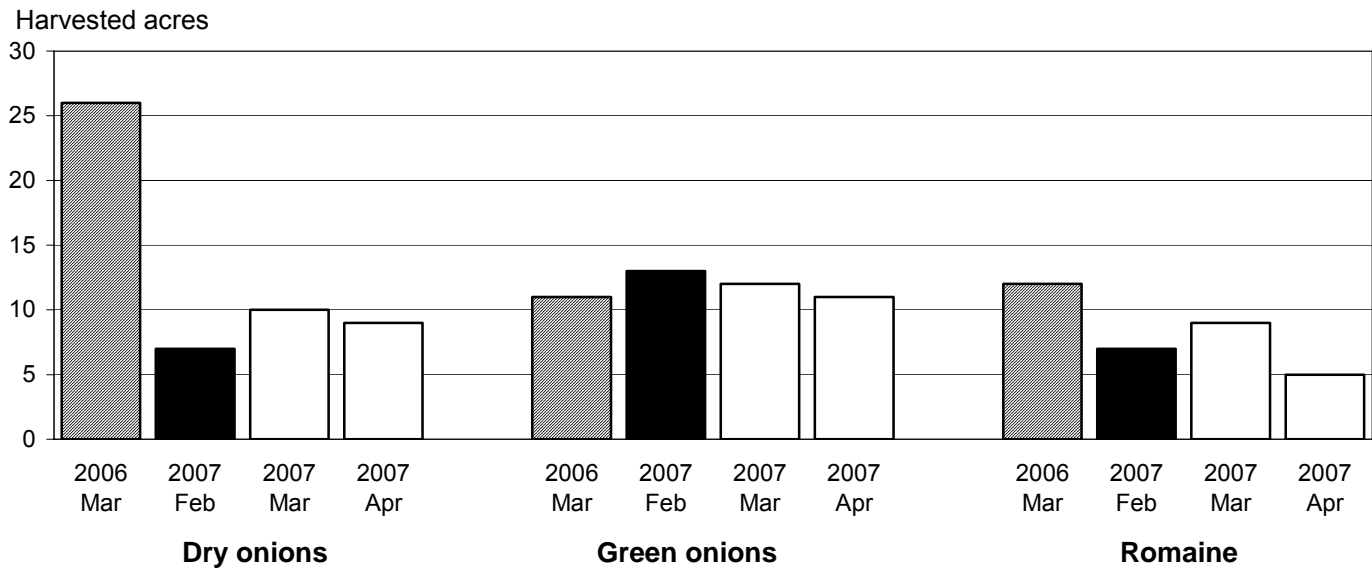
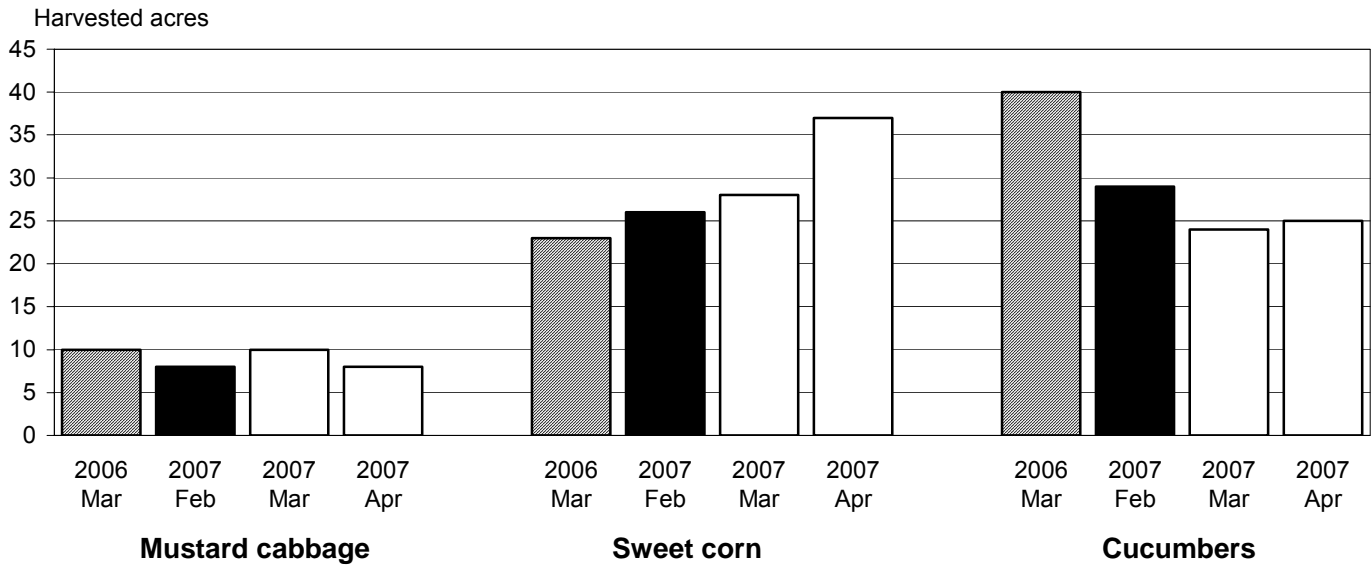
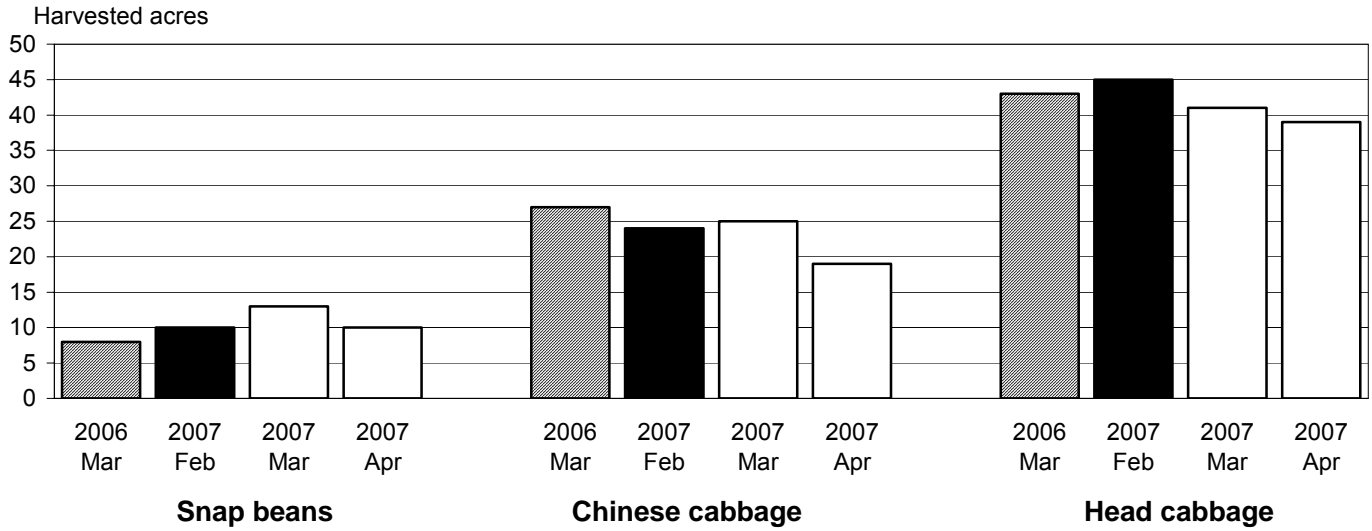
¹ Total sales divided by acres harvested. ² Revised. ³ Not published to avoid disclosure of individual operations.

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Harvested acreage charts

Acres harvested a year ago
 Acres harvested last month
 Acres intended for harvest



February Review

Head Cabbage Production Below Year Ago But Above Last Month

Chinese cabbage production in February increased 17 percent and 6 percent from the previous month and a year earlier, respectively, to 582,000 pounds. Improved yields resulted in the higher production. In general, weather conditions during February were beneficial for crop development. Showers helped to supplement irrigation to maintain the crop in good to very good condition. Regular spraying continued to help keep insect infestation levels down.

Head cabbage growers produced a total of 909,000 pounds in February. This was an increase of 20 percent from January 2007. Favorable weather conditions helped to increase yields. That along with an increase in acreage for harvest accounted for the higher production. Insect infestations were light and were kept under control with regular spraying. The crop was in good condition.

Cucumber production for February is estimated at 342,000 pounds, a decrease of 22 percent from January 2007. Gusty winds from late January

into February contributed to the poor crop conditions. The decline in yields was the result of damages sustained from winds to the vines, flowers, and fruit sets. The lower yields coupled with the decline in acreage for harvest accounted for the drop in production during February. Crop condition was fair to poor due to the high winds.

Tomato production totaled 957,000 pounds in February, a decrease of 2 percent and 19 percent from January 2007 and February 2006, respectively. The tomato crop was in fair condition. ■

**Hawaii Head Cabbage
Monthly Production, 2006 – 2007**



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Crop	Total acres on Mar. 1	February 2007				January-to-date sales		
		Acres harvested	Average yield ^{1/}	Total sales	Average farm price	2006 ^{2/}	2007	Change
		----- 1,000 lbs. -----		Cents per lb.		----- 1,000 lbs. -----		Percent
Beans, snap	25	10	5.8	58	98.5	147	102	-31
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^{1/} Total sales divided by acres harvested. ^{2/} Revised. ^{3/} Not published to avoid disclosure of individual operations.