

Monthly Hawaii Vegetables

In cooperation with:



Department
of Agriculture
STATE OF HAWAII

Agricultural Development Division

October 18, 2007

August Conditions Mostly Dry

Harvested

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Year-ago, month-ago,
and upcoming harvested acreage.

August

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Production statistics and
comments on selected crops.

Very warm, sunny conditions continued throughout the month of August, with trade winds at light to moderate levels. The remnants of former Tropical Storm Erick passed well south of the State having no impact to the State. Former Hurricane Flossie passed south of the State on August 14 and 15 quickly weakened into a tropical depression and provided moisture to some areas on the southern end of the State. In general, although rainfall amounts were better than in previous months, conditions continued dry with rainfall totals mostly below normal. The Big Island was mostly dry, except for some areas of Ka'u. Maui county was also dry, except for areas located to the southwest of Haleakala. Rainfall amounts on Kauai and Oahu continued below normal with the exception for some areas of the Waianae sector of Oahu. This continuing dry spell had water restrictions still in place for the agricultural or residential areas of Waimanalo, Oahu, upcountry Maui, and sectors of Hamakua and South Kohala districts of the Big Island.

The expected vegetable acreage for harvest in September when compared with acreage harvested in August was higher for 6 crops, lower for 3 crops, and unchanged for 2 crops. An increase in acreage for harvest is expected from **snap beans** (+22%), **mustard cabbage** (+25%), **cucumbers** (+4%), **dry onions** (+29%), **green onions** (+10%), and **romaine** (+33%). A decrease in the acreage for harvest is expected for **Chinese cabbage** (-5%), **head cabbage** (-30%), and **sweet corn** (-47%), while the expected acreage for harvest were unchanged for **head lettuce** and **semi-head lettuce**.

Acreage

Acres planted, harvested, and for harvest for 11 selected
vegetables, State of Hawaii.

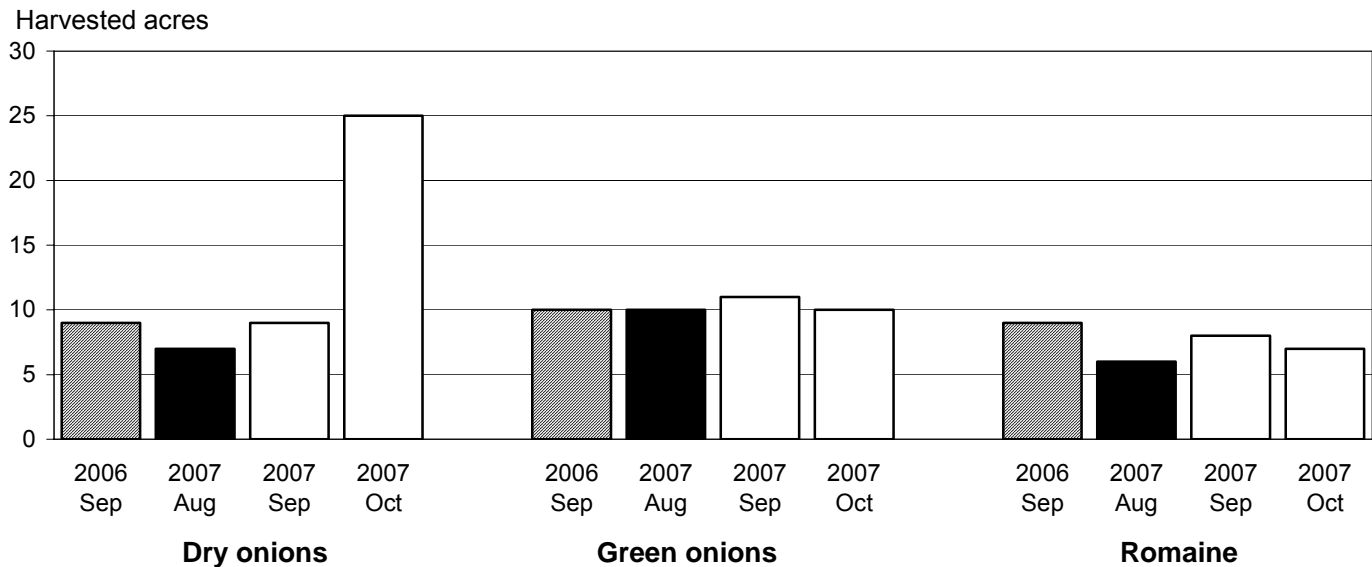
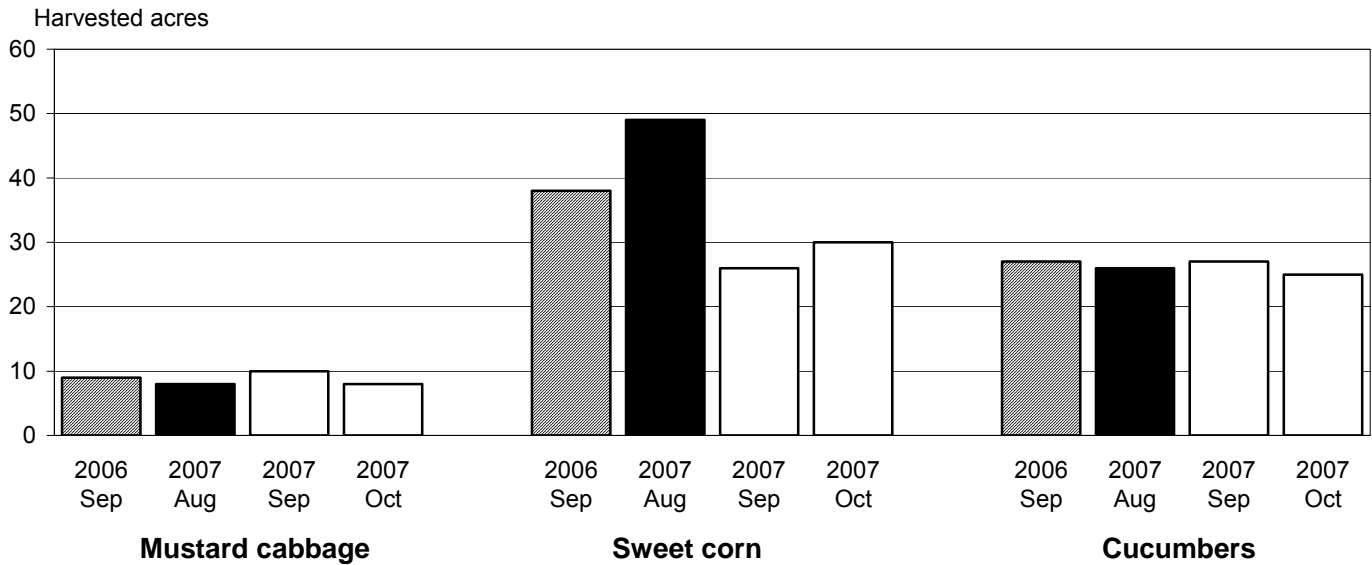
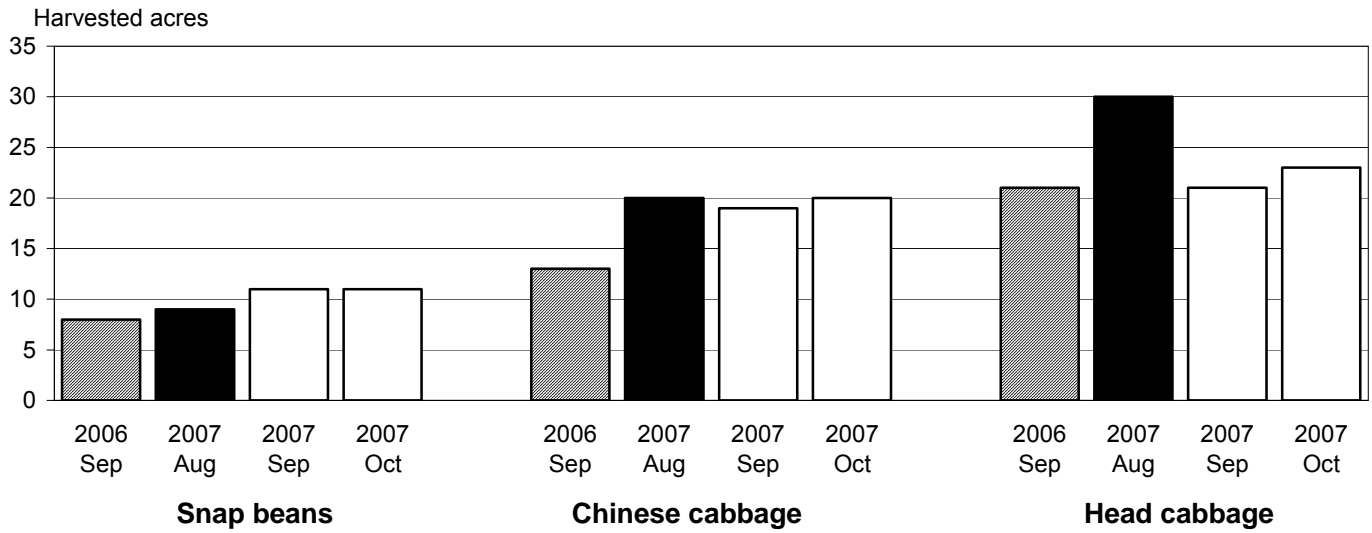
| Crop | Acres planted | | Acres harvested | | Acres for harvest | |
|--------------------|---------------|-------------|-----------------|-------------|-------------------|-------------|
| | Jul 2007 | Aug 2007 | Jul 2007 | Aug 2007 | Sep 2007 | Oct 2007 |
| Beans, snap | 10 | 11 | 9 | 9 | 11 | 11 |
| Cabbage, Chinese | 17 | 21 | 22 | 20 | 19 | 20 |
| Cabbage, head | 20 | 23 | 39 | 30 | 21 | 23 |
| Cabbage, mustard | 7 | 10 | 7 | 8 | 10 | 8 |
| Corn, sweet | 29 | 33 | 28 | 49 | 26 | 30 |
| Cucumbers | 27 | 25 | 29 | 26 | 27 | 25 |
| Lettuce, head | 3 | 4 | 4 | 4 | 4 | 4 |
| Lettuce, semi-head | 4 | 4 | 4 | 4 | 4 | 4 |
| Onions, dry | 7 | 8 | 12 | 7 | 9 | 25 |
| Onions, green | 11 | 10 | 11 | 10 | 11 | 10 |
| Romaine | 6 | 9 | 9 | 6 | 8 | 7 |

Mark E. Hudson, Director
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Harvested acreage charts

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



August Review

Sweet Corn Production Above Year Ago

Chinese cabbage production totaled 432,000 pounds during August 2007. This was 16 percent below July 2007, but 8 percent above August 2006. The change in production was mostly the result of the change in acreage for harvest. Crop conditions were fair as heavy irrigation was necessary in most fields to offset the windy, dry, and very warm conditions. Some farmers experienced losses from heat rot.

Head cabbage producers produced an estimated 721,000 pounds in August. This was 24 percent below the previous month, but 69 percent above a year ago. The change in production was the result of the change in the available acreage for harvest. When possible, heavy irrigation was necessary to offset the very warm, dry conditions and to keep the crop in fair condition.

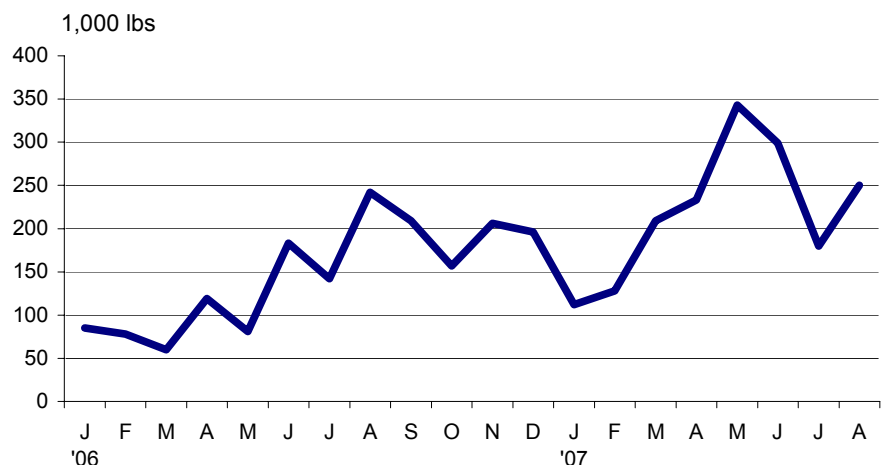
Sweet corn production totaled 250,000 pounds during August, an increase of 39 percent and 3 percent from July 2007 and August a year ago, respectively. In general, the sunny, warm days has been

beneficial to crop growth.

Cucumbers growers harvested an estimated 456,000 pounds in August. This was 4 percent and 7 percent above July 2007 and August 2006, respectively. The increase in production resulted from higher yields. Crop condition was fair to good.

Tomato growers produced an estimated 1.3 million pounds in August. This was 2 percent above the previous month, but 9 percent below a year earlier. The condition of the tomato crop has been fair to good condition.■

**Hawaii Sweet Corn
Monthly Production, 2006 – 2007**



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

| Crop | Total acres on Sep. 1 | August 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 | 21 | 9 | 5.7 | 51 | 93.9 | 468 | 494 | 6 |
| Cabbage, Chinese | 30 | 20 | 21.6 | 432 | 32.9 | 4,233 | 4,292 | 1 |
| Cabbage, head | 42 | 30 | 24.0 | 721 | 24.4 | 7,417 | 7,725 | 4 |
| Cabbage, mustard | 12 | 8 | 14.3 | 114 | 63.4 | 935 | 919 | -2 |
| Corn, sweet | 62 | 49 | 5.1 | 250 | 63.3 | 990 | 1,754 | 77 |
| Cucumbers | 50 | 26 | 17.5 | 456 | 42.4 | 3,461 | 3,441 | -1 |
| Lettuce, head | 6 | 4 | 12.5 | 50 | 60.5 | 537 | 429 | -20 |
| Lettuce, semi-head | 7 | 4 | 5.5 | 22 | 87.3 | 275 | 262 | -5 |
| Onions, dry | 45 | 7 | 15.0 | 105 | 89.2 | 1,138 | 1,106 | -3 |
| Onions, green | 24 | 10 | 12.2 | 122 | 112.6 | 898 | 979 | 9 |
| Peppers, green | ^{3/} | 4 | 7.5 | 30 | 80.0 | 2,052 | 1,422 | -31 |
| Romaine | 12 | 6 | 19.0 | 114 | 62.4 | 922 | 771 | -16 |
| Tomatoes | ^{3/} | 49 | 26.7 | 1,306 | 62.9 | 9,603 | 9,825 | 2 |

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