



National Agricultural Statistics Service

Hawaii Agricultural Statistics Service
Hawaii Department of Agriculture

Hawaii Vegetables

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Trade wind weather aids crop growth

Vegetable crops were in fair to good condition after a month of trade wind weather during July. The trade winds generated near-normal amounts of rain in most windward areas. Leeward and higher elevation areas, however, remained relatively dry with heavy irrigation helping to ensure normal growth. July's trade wind weather was interrupted during the period July 26-28 when thunderstorms and heavy showers fell over Hawaii, Oahu, and Kauai. The heavy showers caused the Hanalei River on Kauai to overflow and minor flooding of streams and roads in east Kauai and east Oahu. No serious losses to agriculture were reported by the heavy showers.

Cool-weather vegetable crops such as **Chinese cabbage** (-4%), **head cabbage** (-16%), **head lettuce** (-29%), and **romaine** (-10%) are expected to show a decline in harvested acreage during August. Double-digit declines are also expected for **mustard cabbage** (-15%) and **sweet corn** (-19%). Notable increases in harvested acreage are expected for **green onion** (+10%) and **dry onions** (+18%).

Harvested acreage is anticipated to decline further in September with **Chinese cabbage** (-41%), **mustard cabbage** (-55%), **head lettuce** (-40%), and **romaine** (-44%) leading the way. The only increase in harvested acreage in September is anticipated for **head cabbage** (+3%).■

Harvested acreage charts page 2

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

July review page 3

Production statistics and comments on selected crops.

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Expected acreage for harvest during summer season.



Acreage

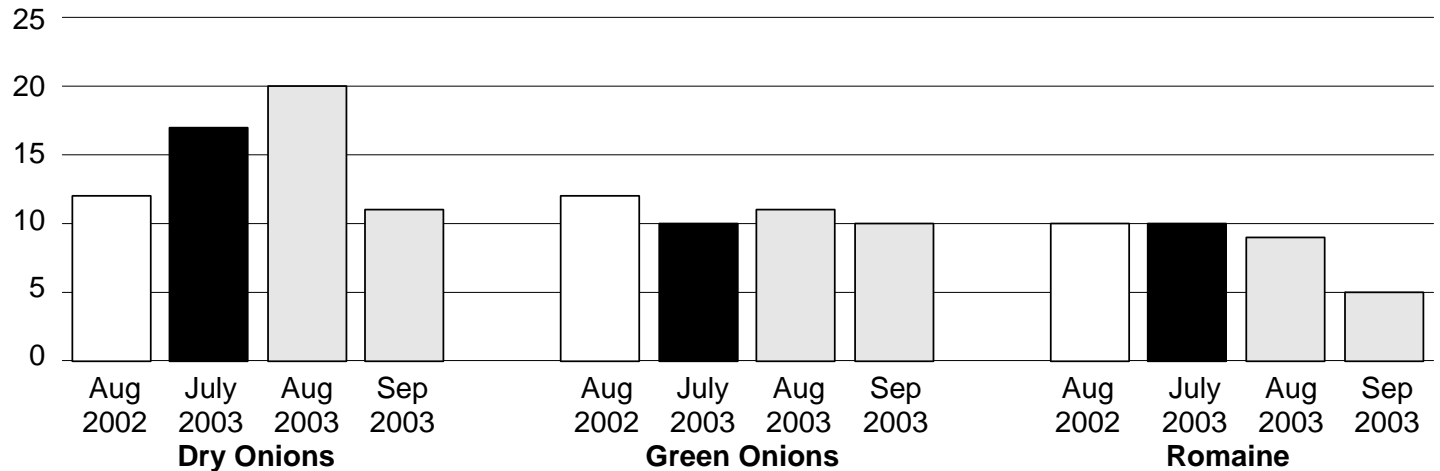
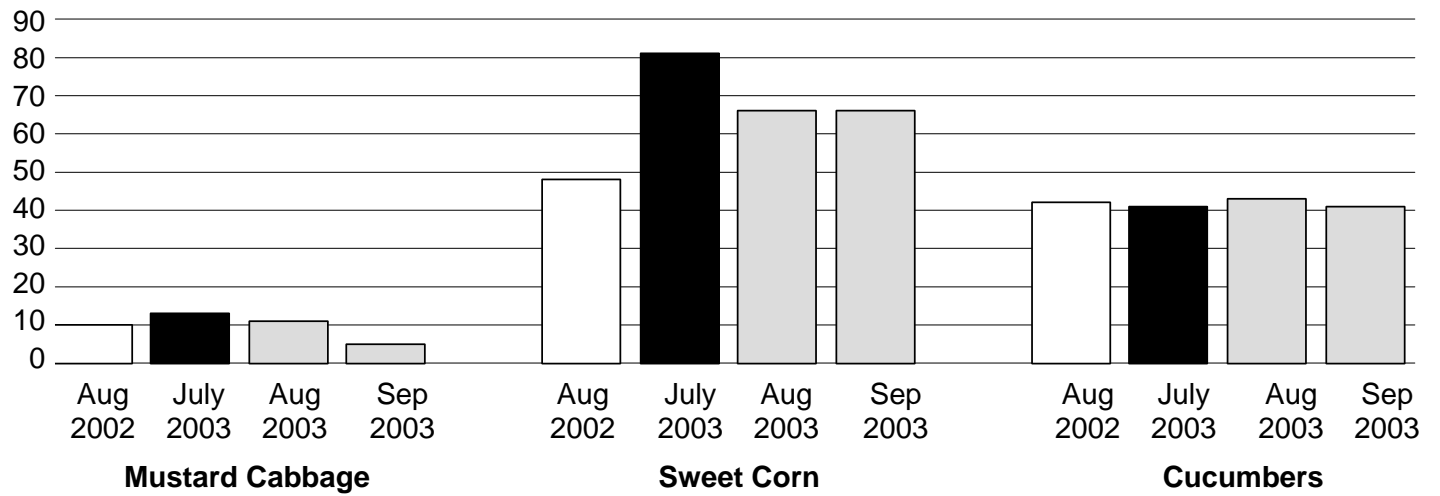
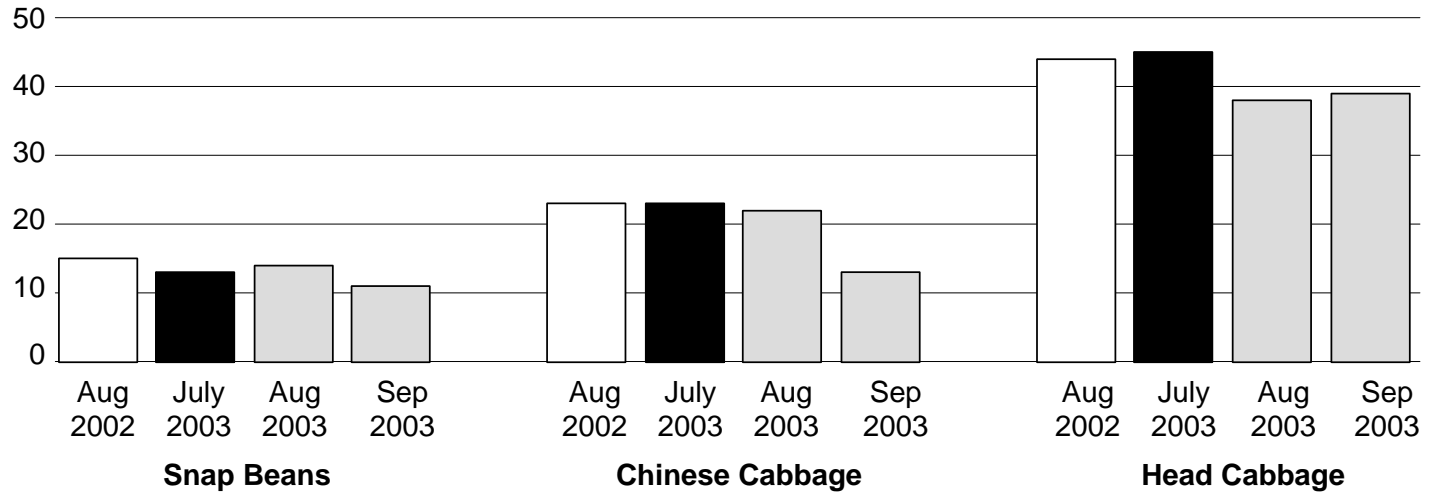
Acres planted, harvested, and for harvest for 11 selected vegetables, State of Hawaii.

Crop	Acres planted		Acres harvested		Acres for harvest	
	Jun 2003	Jul 2003	Jun 2003	Jul 2003	Aug 2003	Sep 2003
Beans, snap	12	14	12	13	14	11
Cabbage, Chinese	22	22	26	23	22	13
Cabbage, head	42	41	48	45	38	39
Cabbage, mustard	11	12	8	13	11	5
Corn, sweet	61	77	91	81	66	66
Cucumbers	42	40	41	41	43	41
Lettuce, head	5	6	7	7	5	3
Lettuce, semi-head	4	4	4	4	4	4
Onions, dry	12	33	36	17	20	11
Onions, green	11	11	12	10	11	10
Romaine	9	9	10	10	9	5

Harvested acreage charts

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

Acres



July review

Most crops show an increase in production during July

CHINESE CABBAGE production is estimated at 585,000 pounds for July, up 5 percent from the previous month and up 7 percent from a year ago. Warm weather was less than ideal for the crop, but overall conditions were fair.

HEAD CABBAGE production totaled 1.1 million pounds in July, up 8 percent from June. Warm temperatures required heavy irrigation. Insect pressure was higher in some fields, but losses were light.

SWEET CORN production is estimated at 289,000 pounds, up 27 percent from last month and up 38 percent from a year ago. Harvesting will be steady throughout the month, but Admissions Day and the Labor Day weekend are targeted for increased sales.

CUCUMBER production is estimated at 647,000 pounds for July, down 2 percent from last month but 30 percent higher than a year ago. Most fields were in good to fair condition with good flower and fruit sets.

DRY ONION production 480,000

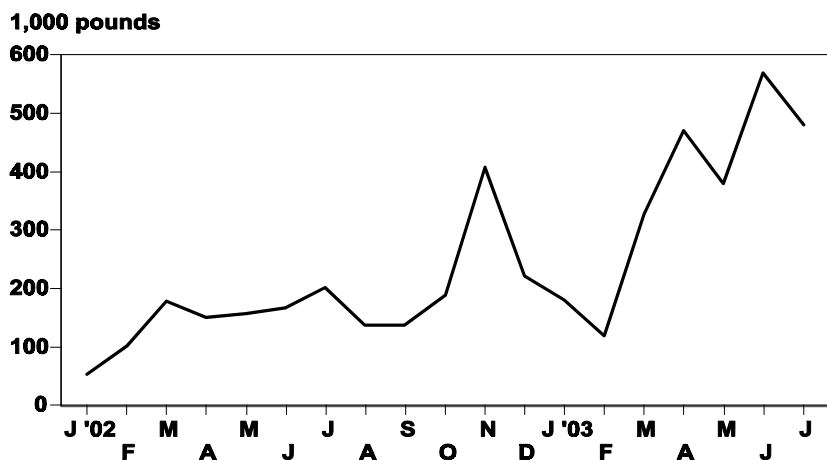
totalled pounds in July, down 16 percent from June. Fields have benefitted from relatively dry weather and most are in good condition.

GREEN PEPPER production totaled 303,000 pounds in July, up 9 percent from June and up 14 percent from a year ago. Crop conditions were mostly

good.

TOMATO production totaled 1.6 million pounds in July, up 6 percent from June. Harvesting of field-type tomatoes will be steady. Most fields were in good condition.

Hawaii Dry Onion: Monthly Production, 2002 - 2003



Acres, average yield, sales, and average farm price, July 2003, State of Hawaii.

Crop	Total acres on Aug 1 st	July 2003				January-to-date sales		
		Acres harvested	Average yield ^{1/}	Total sales	Average farm price	2002 ^{2/}	2003	Change
				----- 1,000 lbs. -----	Cents per lb.	----- 1,000 lbs -----		Percent
Beans, snap	26	13	5.8	75	90.7	503	510	1
Cabbage, Chinese	35	23	25.4	585	22.7	4,043	4,126	2
Cabbage, head	82	45	25.0	1,127	30.4	7,473	8,479	13
Cabbage, mustard	15	13	8.5	110	49.8	798	754	-6
Corn, sweet	149	81	3.6	289	44.5	1,421	1,515	7
Cucumbers	69	41	15.8	647	43.0	3,074	3,467	13
Lettuce, head	8	7	11.0	77	48.7	488	477	-2
Lettuce, semi-head	7	4	6.8	27	74.8	225	204	-9
Onions, dry	66	17	28.2	480	61.3	948	2,527	167
Onions, green	27	10	11.9	119	86.3	770	839	9
Peppers, green	3/	19	15.9	303	63.7	1,839	1,899	3
Romaine	13	10	12.5	125	46.6	1,130	1,159	3
Tomatoes	3/	50	31.3	1,564	57.3	10,264	10,150	-1

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

California Summer Vegetable Outlook

Latest Crop Condition Report

August 11, 2003

Weather conditions were mostly favorable for the growth and development of the State's vegetable crops. Some cauliflower was being transplanted. The Central Valley's sweet corn crop was maturing rapidly. Irrigation was ongoing in maturing melon fields. Some tomato fields suffered mold damage resulting from hot, humid weather. Fungicides were being applied to both fresh market and processing tomatoes. Growers were spraying beans for mites and worms. Cantaloupes, honeydews, watermelons, and mixed melons continued to be picked, packed, and shipped. Harvesting of onions, garlic, and tomatoes for processing and fresh market use continued. Tomato fields planted for later harvest were growing steadily. Irrigation and weeding continued in a number of maturing tomato fields. Eggplant, bell peppers, squash, and sweet corn were picked and packed for commercial sales. The following vegetables were also harvested: carrots, cauliflower, celery, cilantro, cucumbers, green onions, okra, parsley, hot peppers, spinach, and zucchini.

Selected California Summer Vegetable and Melon Acreage

Crop and State	Usual Harvest Period	Area (acres)		
		Harvested		For Harvest 2003
		2001	2002	
Broccoli ^{1/}	Jun-Sep	32,000	32,500	34,500
Cantaloupe	Jul-Sep	38,500	39,000	39,000
Carrots	Jul-Sep	19,000	19,000	16,000
Cauliflower ^{1/}	Jul-Sep	10,000	10,000	11,000
Celery ^{1/}	Jul-Sep	5,500	5,600	5,600
Sweet corn	Jul-Sep	7,700	9,000	10,000
Honeydew melon	Jul-Sep	12,500	13,000	13,000
Head lettuce	Jul-Sep	47,000	49,000	48,000
Tomatoes	Jul-Sep	21,300	21,600	19,500
Watermelons	Jul-Sep	9,000	8,900	9,300

^{1/} Includes fresh market and processing.

Source: California Weekly Crop-Weather Report, Released 4:00 P.M. August 11, 2003