



National Agricultural Statistics Service

Hawaii Agricultural Statistics Service
Hawaii Department of Agriculture

Hawaii Vegetables

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September 2003

Heat and winds slow crop progress

Weather conditions were generally fair for vegetable crops during August. A high pressure system north of the State produced a prolonged period of dry, windy, and warm weather. Irrigation water was adequate in most areas and helped to combat the dryness. Timely showers in windward areas also aided crop growth. Warm daytime temperatures made fieldwork uncomfortable and help foster an increase in insect populations. Insects were a problem in some areas and for specific crops. Farmers maintained regular spraying to try and limit losses to insects and diseases. Wind gusts in the 15-25 mph range caused some bruising for vine and bush crops. This reduced marketable yields on some crops and also slowed crop development. The winds also reduced the effectiveness of spray programs and some types of irrigation. The windy weather left the State toward the end of the month, but dry conditions and warm temperatures continued to hamper crop development.

Changes in harvested acreage will be mixed in September with an almost even amount of crops showing increases and decreases. Vegetables expected to show an increase in harvested acreage during September are **snap beans** (+29%), **Chinese cabbage** (+14%), **head cabbage** (+16%), **head lettuce** (+20%), and **sweet corn** (+8%). On the other hand, declines in harvested acreage during September are expected for **mustard cabbage** (-9%), **cucumbers** (-2%), **dry onions** (-32%), and **romaine** (-11%). ■

Harvested acreage charts page 2

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

August review page 3

Production statistics and comments on selected crops.



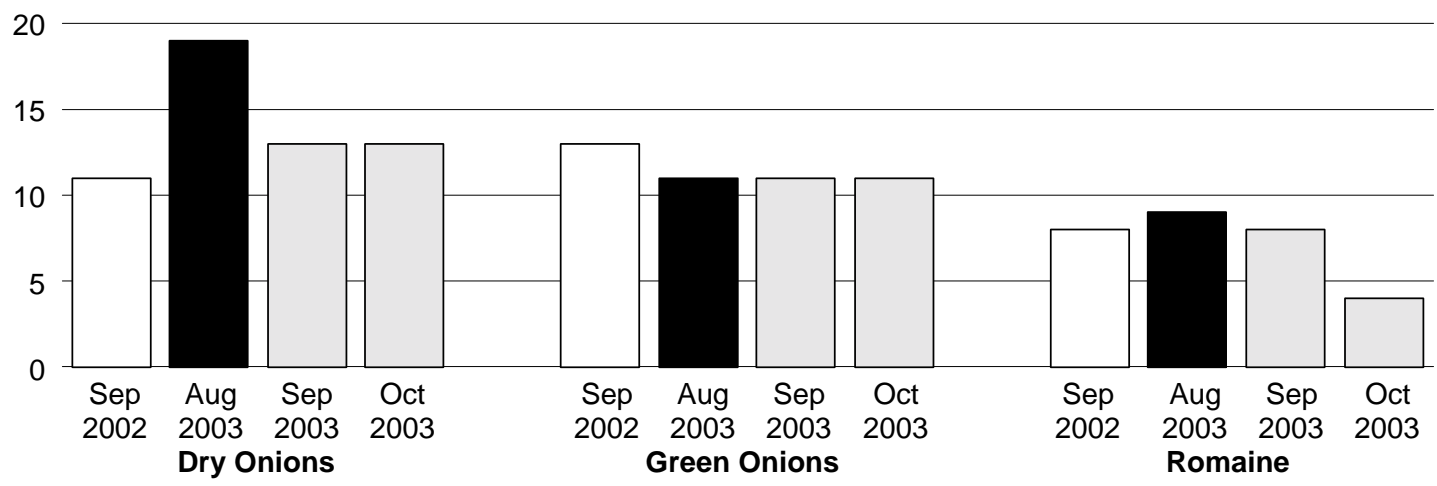
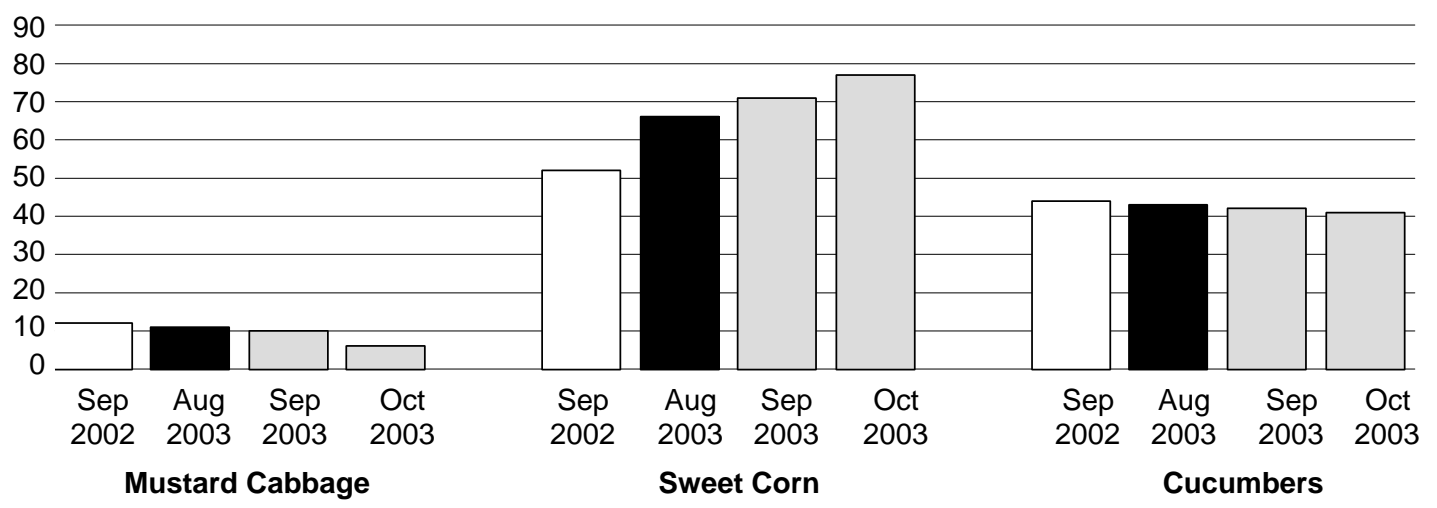
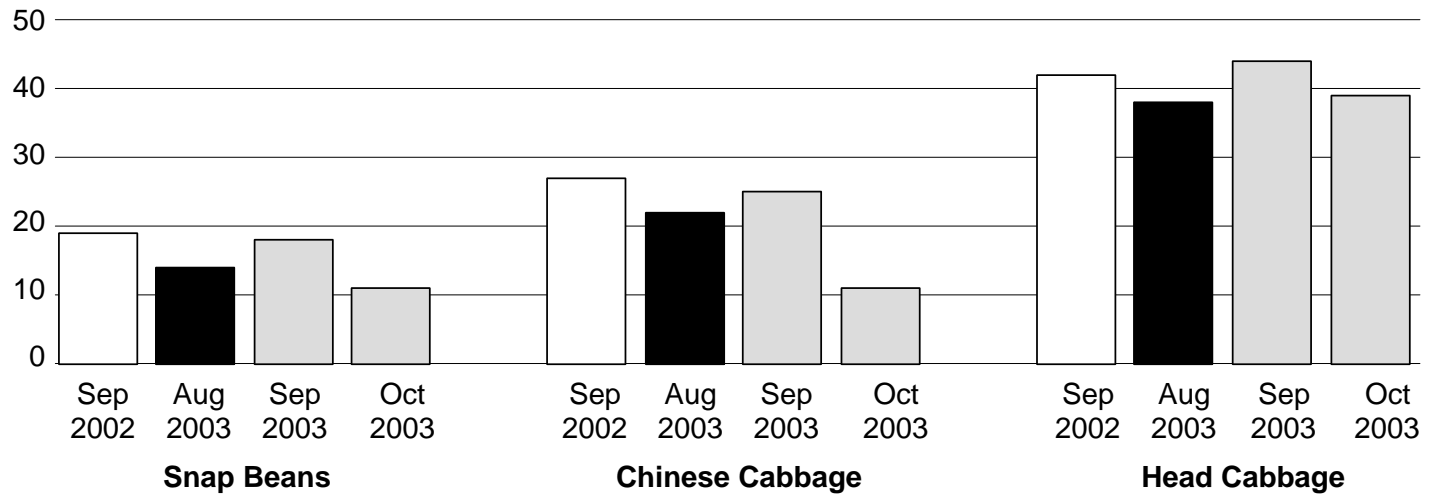
Acreage Acres planted, harvested, and for harvest for 11 selected vegetables, State of Hawaii.

Crop	Acres planted		Acres harvested		Acres for harvest	
	Jul 2003	Aug 2003	Jul 2003	Aug 2003	Sep 2003	Oct 2003
Beans, snap	14	15	13	14	18	11
Cabbage, Chinese	22	22	23	22	25	11
Cabbage, head	41	47	45	38	44	39
Cabbage, mustard	12	11	13	11	10	6
Corn, sweet	77	82	81	66	71	77
Cucumbers	40	40	41	43	42	41
Lettuce, head	6	6	7	5	6	2
Lettuce, semi-head	4	4	4	4	4	4
Onions, dry	33	11	17	19	13	13
Onions, green	11	11	10	11	11	11
Romaine	9	9	10	9	8	4

Harvested acreage charts

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

Acres



August review

Production declines in August

CHINESE CABBAGE production is estimated at 530,000 pounds for August, down 9 percent from the previous month and down 6 percent from a year ago. Warm temperatures and a reduction in acreage were responsible for the decline in output.

HEAD CABBAGE production totaled 882,000 million pounds in August, down 22 percent from July and the lowest monthly total since November 2001. A 16 percent decrease in harvested acreage and warm temperatures resulted in the lower production.

SWEET CORN production is estimated at 207,000 pounds, down 28 percent from last month and 4 percent less than a year ago. Crop conditions were fair to poor with insects and water shortages adversely affecting growth.

CUCUMBER production is estimated at 592,000 pounds for August, down 9 percent from last month but 17 percent higher than a year ago. Windy conditions hampered crop quality in August with most fields in fair

conditions at the end of the month.

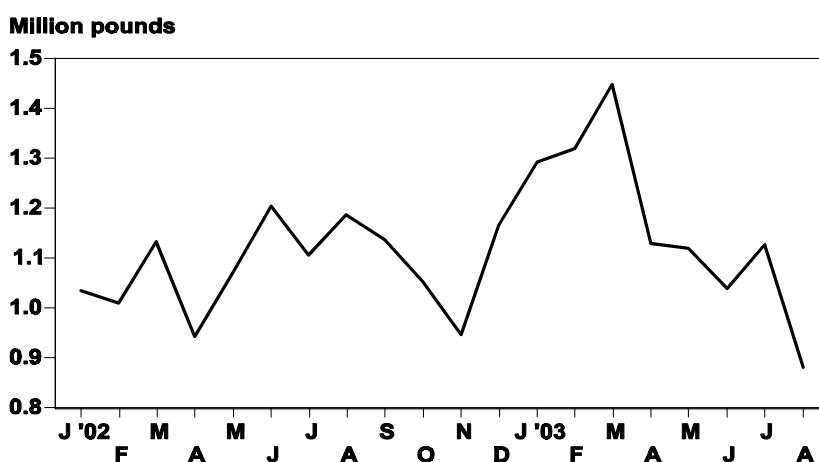
DRY ONION production 173,000 totaled pounds in August, down 64 percent from July but 26 percent more than a year ago. Overall crop conditions were fair.

GREEN PEPPER production totaled 276,000 pounds in August, down 9

percent from July and down less than one percent from a year ago. Crop conditions varied from poor to mostly good.

TOMATO production totaled 1.5 million pounds in August, down 4 percent from July. Crop conditions were fair to good.
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**Hawaii Head Cabbage:
Monthly Production, 2002 - 2003**



Acreage, average yield, sales, and average farm price, August 2003, State of Hawaii.

Crop	Total acres on Sep 1 st	August 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	28	14	4.8	67	95.3	601	577	-4
Cabbage, Chinese	36	22	24.1	530	27.9	4,562	4,704	3
Cabbage, head	91	38	23.2	882	19.4	8,693	9,361	8
Cabbage, mustard	14	11	8.6	95	53.6	946	849	-10
Corn, sweet	170	66	3.1	207	47.6	1,416	1,722	22
Cucumbers	67	43	13.8	592	43.4	3,609	4,059	12
Lettuce, head	9	5	15.0	75	52.7	600	552	-8
Lettuce, semi-head	7	4	4.0	16	71.2	242	220	-9
Onions, dry	58	19	9.1	173	80.8	1,146	2,700	136
Onions, green	26	11	12.2	134	87.0	953	973	2
Peppers, green	3/	20	13.8	276	58.1	2,158	2,175	1
Romaine	13	9	13.6	122	45.6	1,269	1,281	1
Tomatoes	3/	63	23.8	1,497	53.7	11,794	11,647	-1

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