

VEGETABLES PROCESSING



Crop
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Board

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PRINCIPAL PROCESSING VEGETABLES CONTRACTED AREA AND PRODUCTION SEPTEMBER 1, 1976

MAJOR CROPS: The Nation's output of the seven major vegetable crops contracted for processing reported to date, is forecast at 10.6 million tons, according to the Crop Reporting Board. If current expectations are realized, this would be a 15 percent drop from last year's production. The crops included in this report are lima beans, snap beans, beets, sweet corn, peas, spinach (winter and spring), and tomatoes.

A total of 1.4 million contracted acres will be harvested in 1976, down 16 percent from a year earlier. Acreage for harvest for crops estimated in this report for the first time this year include lima beans, down 37 percent, canning beets 21 percent lower, sweet corn off 13 percent and canning tomato acreage 17 percent below 1975.

GREEN LIMA BEANS: This year's production of green lima beans contracted for processing is estimated at 60,500 tons, 37 percent less than in 1975. Acreage for harvest will be down 37 percent to 48,210 acres and yields are expected to average 1.25 tons per acre, the same as 1975.

In New York, excessive moisture during the growing season has reduced the yield potential. New Jersey conditions have been generally favorable for good yields and quality. Harvest is on schedule.

The Pennsylvania crop of green lima beans is progressing well and a good harvest is expected. Illinois weather conditions have not been favorable for the crop this year. Hot, dry weather has reduced yields considerably and moisture is still needed in all growing areas. In Wisconsin, the yield of late planted limas will be poor without additional rainfall.

In Minnesota, dry weather reduced yields below earlier expectations. The Idaho harvest is underway. In Washington, the unusually cool growing season has adversely affected growth. Yields are slightly below normal. California's green lima bean harvest began early in August, but the majority of the harvest will be done in September and taper off into October.

PROCESSING VEGETABLES: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY CROPS, UNITED STATES, 1976 WITH COMPARISONS

CROP	AREA HARVESTED			
	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT
	ACRES			
ALL PROCESSING 1/ GREEN LIMA BEANS	73,700	76,900	76,900	48,210
SNAP BEANS	291,080	271,980	252,080	209,090
BEETS	18,510	18,080	17,880	14,110
SWEET CORN	459,550	506,300	505,300	441,880
GREEN PEAS	417,700	433,450	433,050	370,080
SPINACH - WINTER 2/ SPRING	9,800 12,500	8,400 12,470	8,400 12,200	9,600 9,690
TOMATOES	337,700	384,250	376,460	313,680
TOTAL REPORTED TO DATE	1,620,540	1,711,830	1,682,270	1,416,340
CABBAGE FOR KRAUT	13,910	11,750	10,450	3/
CUCUMBERS FOR PICKLES				
SPRING & SUMMER	129,210	133,970	123,700	3/
FALL	2,800	4,400	3,200	3/
SPINACH - FALL	2,750	2,470	2,470	3/
TOTAL 10 VEGETABLES	1,769,210	1,864,420	1,822,090	3/
	PRODUCTION			
	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT
	TONS			
ALL PROCESSING				
GREEN LIMA BEANS	89,400	96,100	96,100	60,500
SNAP BEANS	748,350	662,750	618,700	517,250
BEETS	241,100	231,100	228,550	169,150
SWEET CORN	2,058,000	2,365,850	2,360,450	2,039,550
GREEN PEAS	564,400	561,400	560,950	452,350
SPINACH - WINTER	102,500	85,100	85,100	96,000
SPRING	57,650	61,700	60,650	54,400
TOMATOES	7,019,850	8,503,400	8,386,000	7,184,000
TOTAL REPORTED TO DATE	10,881,250	12,567,400	12,396,500	10,573,200
CABBAGE FOR KRAUT	281,450	239,300	211,100	211,200
CUCUMBERS FOR PICKLES				
SPRING & SUMMER	586,700	654,600	605,850	
FALL	10,300	19,650	14,050	
SPINACH - FALL	14,150	12,450	12,450	
TOTAL 10 VEGETABLES	11,773,850	13,493,400	13,239,950	

1/ 1976 ESTIMATES FOR SNAP BEANS, GREEN PEAS, SPINACH AND CABBAGE CARRIED FORWARD FROM EARLIER FORECASTS.

2/ FLA WINTER CROP INCLUDED WITH SPRING CROP TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

3/ CABBAGE FOR KRAUT PUBLISHED DEC 16, 1976, 1976 SPRING, SUMMER AND FALL CUCUMBERS ALONG WITH FALL SPINACH WILL BE PUBLISHED NOV 15, 1976.

GREEN LIMA BEANS FOR PROCESSING: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY STATES, 1976 WITH COMPARISONS

STATE	AREA HARVESTED						
	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT			
	ACRES						
CALIF	26,600	26,800	26,800	16,500			
MD	4,400	3,200	3,200	3,900			
WIS	5,300	11,200	11,200	3,600			
OTH STS <u>1/</u>	37,400	35,700	35,700	24,210			
U S	73,700	76,900	76,900	48,210			
	YIELD PER ACRE			PRODUCTION			
	1974 TOTAL	1975 TOTAL <u>2/</u>	INDICATED 1976 CONTRACT	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT
	TONS						
CALIF	1.74	1.73	1.90	46,300	46,300	46,300	31,350
MD	.75	.84	.80	3,300	2,700	2,700	3,100
WIS	.94	1.02	1.00	5,000	11,400	11,400	3,600
OTH STS <u>1/</u>	.93	1.00	.93	34,800	35,700	35,700	22,450
U S	1.21	1.25	1.25	89,400	96,100	96,100	60,500

1/ ARK, DEL, IDAHO, ILL, MICH, MINN, MISS, N J, N Y, OHIO, OREG, PA, TENN, UTAH, VA AND WASH.

2/ DERIVED 1975 CONTRACT YIELD MAY DIFFER SLIGHTLY FROM TOTAL YIELD DUE TO EXCLUSION OF OPEN MARKET PURCHASES.

BEETS FOR CANNING: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY STATES, 1976 WITH COMPARISONS

STATE	AREA HARVESTED						
	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT			
	ACRES						
N Y	5,100	4,900	4,700	4,200			
TEX	1,900	2,900	2,900	1,600			
WIS	8,100	7,300	7,300	6,300			
OTH STS <u>1</u> /	3,410	2,980	2,980	2,010			
U S	18,510	18,080	17,880	14,110			
	YIELD PER ACRE			PRODUCTION			
	1974 TOTAL	1975 TOTAL <u>2</u> /	INDICATED 1976 CONTRACT	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT
	TONS						
N Y	16.90	15.52	14.00	86,200	76,050	73,500	58,800
TEX	7.37	6.66	7.90	14,000	19,300	19,300	12,650
WIS	10.65	12.37	10.00	86,250	90,300	90,300	63,000
OTH STS <u>1</u> /	16.03	15.25	17.26	54,650	45,450	45,450	34,700
U S	13.03	12.78	11.99	241,100	231,100	228,550	169,150

1/ CALIF, MICH, OHIO, OREG AND WASH.

2/ DERIVED 1975 CONTRACT YIELD MAY DIFFER SLIGHTLY FROM TOTAL YIELD DUE TO EXCLUSION OF OPEN MARKET PURCHASES.

SWEET CORN FOR PROCESSING: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY STATES, 1976 WITH COMPARISONS

STATE	AREA HARVESTED				INDICATED 1976 CONTRACT		
	1974 TOTAL	1975 TOTAL	1975 CONTRACT				
	ACRES						
IDAHO	27,200	26,800	26,800	23,100			
ILL	56,700	59,700	59,700	50,000			
IOWA	12,100	14,600	14,600	10,000			
MD	13,900	14,500	14,500	13,000			
MINN	111,100	120,800	120,800	111,000			
N Y	17,900	22,500	22,200	22,400			
OREG	41,400	41,300	41,000	39,500			
PA	6,900	6,000	6,000	5,300			
WASH	39,000	42,000	41,900	33,000			
WIS	118,100	142,000	141,700	122,000			
OTH STS 1/	15,250	16,100	16,100	12,580			
U S	459,550	506,300	505,300	441,880			
	YIELD PER ACRE		PRODUCTION				
	1974 TOTAL	1975 TOTAL 2/	INDICATED 1976 CONTRACT	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT
	TONS						
IDAHO	5.62	6.01	6.30	152,850	161,050	161,050	145,550
ILL	3.58	4.63	4.20	203,000	276,400	276,400	210,000
IOWA	4.33	4.15	4.00	52,400	60,650	60,650	40,000
MD	3.37	3.88	3.70	46,850	56,250	56,250	48,100
MINN	4.19	4.18	4.40	465,500	504,500	504,500	488,400
N Y	4.15	4.64	4.00	74,300	104,400	103,500	89,600
OREG	7.23	7.73	7.70	299,400	319,200	316,900	304,150
PA	3.57	3.33	3.70	24,650	20,000	20,000	19,600
WASH	5.99	6.72	5.80	233,550	282,200	281,200	191,400
WIS	3.83	3.65	3.70	452,300	517,700	516,500	451,400
OTH STS 1/	3.49	3.94	4.08	53,200	63,500	63,500	51,350
U S	4.48	4.67	4.62	2,058,000	2,365,850	2,360,450	2,039,550

1/ DEL, IND, OHIO, TEX, UTAH, VA AND W VA.

2/ DERIVED 1975 CONTRACT YIELD MAY DIFFER SLIGHTLY FROM TOTAL YIELD DUE TO EXCLUSION OF OPEN MARKET PURCHASES.

TOMATOES FOR PROCESSING: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY STATES, 1976 WITH COMPARISONS

STATE	AREA HARVESTED				INDICATED 1976 CONTRACT		
	1974 TOTAL	1975 TOTAL	1975 CONTRACT				
	ACRES						
CALIF	249,900	299,200	297,800	242,000			
COLO	630	640	640	600			
IND	15,100	15,800	15,200	14,000			
MD	3,700	4,600	3,900	3,800			
MICH	5,300	4,400	4,200	3,600			
N J	13,300	10,600	9,600	8,200			
N MEX	600	860	860	800			
OHIO	25,100	24,100	23,500	22,300			
PA	6,600	7,000	6,800	5,600			
TEX	2,600	4,000	3,800	4,500			
VA	4,100	3,800	3,600	3,400			
OTH STS <u>1/</u>	10,770	9,250	6,560	4,880			
U S	337,700	384,250	376,460	313,680			
	YIELD PER ACRE		PRODUCTION				
	1974 TOTAL	1975 TOTAL <u>2/</u>	INDICATED 1976 CONTRACT	1974 TOTAL	1975 TOTAL	1975 CONTRACT	INDICATED 1976 CONTRACT
	TONS						
CALIF	23.40	24.30	24.50	5,847,650	7,270,550	7,235,950	5,929,000
COLO	12.22	13.44	16.00	7,700	8,600	8,600	9,600
IND	11.42	13.25	17.50	172,450	209,300	201,000	245,000
MD	12.93	11.59	15.00	47,850	53,300	45,400	57,000
MICH	11.40	14.39	16.00	60,400	63,300	60,100	57,600
N J	17.41	14.53	19.50	231,550	154,000	137,700	159,900
N MEX	12.00	10.00	15.00	7,200	8,600	8,600	12,000
OHIO	14.67	17.55	21.00	368,200	423,000	412,400	468,300
PA	14.08	15.44	15.70	92,950	108,100	104,450	87,900
TEX	8.38	9.48	11.30	21,800	37,900	36,300	50,850
VA	9.01	8.91	10.00	36,950	33,850	32,450	34,000
OTH STS <u>1/</u>	11.62	14.37	14.93	125,150	132,900	103,050	72,850
U S	20.79	22.13	22.90	7,019,850	8,503,400	8,386,000	7,184,000

1/ ALA, ARK, DEL, FLA, ILL, IOWA, KY, LA, N Y, N C, OKLA, UTAH AND W VA.

2/ DERIVED 1975 CONTRACT YIELD MAY DIFFER SLIGHTLY FROM TOTAL YIELD DUE TO EXCLUSION OF OPEN MARKET PURCHASES.

BEETS: Output of beets contracted for processing in the United States will be off 26 percent to 169,150 tons, based on conditions as of September 1, 1976. Acreage for harvest is estimated at 14,110 acres. The average yield is forecast at only 11.99 tons per acre compared with 12.78 in 1975.

In New York, surplus moisture and rot conditions will cause reduced crop availability. Condition of late crop could improve with dryer weather. Most Wisconsin areas are extremely dry. Yields are down and some acreage will be abandoned.

The condition of the Washington crop is good with normal yields expected. Beets are a little later than usual due to the cool spring and summer weather. Oregon beets are in good condition. In California the harvest was finished in August with excellent weather contributing to an excellent harvest.

SWEET CORN: Tonnage of sweet corn contracted for processing is expected to total 2.0 million tons this year, a 14 percent decline from the 1975 crop. Estimated acreage for harvest at 441,880 acres is 13 percent below a year ago. The average yield is forecast at 4.62 tons per acre.

New York's crop outlook is good. Pennsylvania's harvest is still in progress. Weather has been favorable for a high quality crop. Sweet corn in Illinois was in mostly fair to good condition the early part of the season, but dry weather had an adverse effect on the crop during late July and August. Yields are down considerably from earlier expectations.

Yields in Wisconsin vary greatly because of differences in available moisture. Minnesota's harvest is well underway. Although conditions are dry, yields are better than expected. In Idaho, harvest started in mid-August; however, crop development has been hindered by rain and cool weather.

Oregon's sweet corn crop is one to two weeks late because of cool weather, but yields are expected to be above average. Summer rains have helped quality and size. Western Washington growers report poor conditions and lower than average yields. The cold and wet growing season hurt the stands and maturity is very late. The eastern Washington corn crop looks better but the cool growing season has caused uneven maturity.

TOMATOES: This year's production of tomatoes contracted for processing is forecast at 7.2 million tons, 14 percent below the 1975 level. Acreage for harvest at 313,680 acres is 17 percent below last year. In California contract acreage for harvest at 242,000 acres is 23,000 below planted acreage reflecting in large degree measurable losses to date resulting from the cannery workers strike and imposed grower delivery quotas accompanied by unseasonable rains in the last half of August. The U.S. average yield is estimated at 22.90 tons per acre, up from last year's 22.13 tons.

The New York crop is ripening slowly due to poor weather conditions. Some late varieties have been adversely affected by late blight. In New Jersey, yields have generally been excellent and supplies continue heavy. In Pennsylvania harvest of tomatoes is now in progress but is about ten days behind schedule. The crop is in good condition and weather has been favorable.

Ohio tomatoes are being harvested in volume. Hot, dry conditions generally advanced ripening. Weather conditions have been good for harvesting; however, some moisture is needed to develop the late fruit set. Illinois tomatoes experienced normal development this season and yield prospects are average. The crop has not been greatly affected by the dry weather. Prospects for Michigan's tomato crop are excellent with a good fruit set in all areas. Hot, dry weather in August caused some moisture stress.

Harvest is virtually complete in Virginia and only a limited late crop acreage remains to be picked. Yields have been excellent, but some economic abandonment has occurred.

