
Vegetables



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HIGHLIGHTS

ASPARAGUS production in the major producing States is expected to total 2.41 million cwt, 6 percent more than last year.

STRAWBERRY production in the major States is estimated at 11.2 million cwt, up 5 percent from 1987.

STORAGE ONION production (excluding California) is forecast at 24.0 million cwt, down 5 percent from last year but 7 percent above 1986. Total onion production is set at 45.3 million cwt for 1988, up 1 percent from last year and 5 percent above 1986.

PROCESSING VEGETABLE production contracted (except cucumbers for pickles) is forecast at 10.7 million tons, down 6 percent from last year, and 1 percent below 1986.

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* *
* The next issue of this report will be published October 11, 1988 *

ASPARAGUS: Production of asparagus in the major producing States is estimated at 2.41 million cwt, 6 percent more than a year ago. Harvested acreage, placed at 96.3 thousand acres, is up 2 percent from 1987. Yield is estimated at 25 cwt per acre, up 1 cwt per acre from last year.

STRAWBERRIES: The strawberry production estimate for the major producing States is 11.2 million cwt, a 5 percent increase from the previous year. The harvested area, at 35.7 thousand acres, increased 2 percent. Yield is 315 cwt per acre compared with 305 cwt per acre in 1987.

ONIONS: All onion production is forecast at 45.3 million cwt, up 1 percent from last year and 5 percent above 1986. Area for harvest is set at 125 thousand acres, a gain of 1 percent over last year and 8 percent above 1986. The average yield, at 363 cwt per acre, is down slightly.

SUMMER, STORAGE ONION production (excluding California) is forecast at 24.0 million cwt, down 5 percent from last year, but 7 percent above two years ago. Area for harvest is forecast at 62.5 thousand acres, a gain of 2 percent from last year and 11 percent above 1986. The average yield, at 384 cwt per acre, is down 7 percent from a year ago.

Harvest is in progress in nearly all growing areas, although variable depending on locality. Hail and wind damage in New York's Orange Co. area destroyed several hundred acres of onions. Drought had already claimed some fields and reduced yields, but recent rains should help late fields. Michigan harvest is on schedule with good quality onions. Ohio digging started early as irrigation was used to offset drought conditions.

In Western States, heat stunted mid-season growth and delayed maturity in Utah and Oregon. Colorado harvest started early as irrigation helped maintain good quality. Heat became a factor in reducing size in the Northwestern States but yields are near normal.

California production is set at 9.98 million cwt, up 1 percent from last year. Growers report good vitality and growth. Harvest is underway on the Westside.

SPRING ONIONS: The end-of-season report places spring onion production at 6.81 million cwt, up 4 percent from last year, but 5 percent short of 1986. Area for harvest, at 23.4 thousand acres, was up 6 percent from last year, but sharply reduced prices slashed the crops total value by nearly half.

ONIONS FOR FRESH MARKET

CROP AND STATE	AREA			YIELD PER ACRE		
	HARVESTED		FOR	1986	1987	1988
			HARVEST			
	1986	1987	1988			
	ACRES			CWT		
SPRING	21,000	22,000	23,400	340	297	291
SUMMER						
NON-STORAGE	11,300	11,500	12,300	334	299	369
STORAGE:						
COLO	10,800	12,500	13,500	425	375	400
IDAHO & MALHEUR	15,500	16,900	17,200	530	600	530
MICH	5,700	7,600	8,000	290	250	250
MINN	650	650	650	320	300	230
N Y	12,800	11,600	11,000	270	270	230
OHIO	490	470	480	345	295	290
OREG - OTHER	3,200	3,600	3,400	450	420	410
UTAH	7,400	7,700	7,800	335	485	360
WASH	4,400	5,000	5,200	420	460	430
WIS	1,200	1,200	1,300	315	280	300
SUBTOTAL	56,140	61,220	62,530	399	411	384
CALIF 1/	26,900	29,000	26,600	370	340	375
TOTAL SUMMER	94,340	101,720	101,430	383	378	380
U S	115,340	123,720	124,830	375	364	363
	PRODUCTION					
	1986		1987		1988	
	1,000 CWT					
SPRING	7,146		6,533		6,805	
SUMMER						
NON-STORAGE	3,776		3,437		4,544	
STORAGE:						
COLO	4,590		4,688		5,400	
IDAHO & MALHEUR	8,215		10,140		9,116	
MICH	1,653		1,900		2,000	
MINN	208		195		150	
N Y	3,456		3,132		2,530	
OHIO	169		139		139	
OREG - OTHER	1,440		1,512		1,394	
UTAH	469		825		648	
WASH	1,848		2,300		2,236	
WIS	378		336		390	
SUBTOTAL	22,426		25,167		24,003	
CALIF 1/	9,953		9,860		9,975	
TOTAL SUMMER	36,155		38,464		38,522	
U S	43,301		44,997		45,327	

1/ PRIMARILY FOR PROCESSING.

VEGETABLES FOR FRESH MARKET

CROP AND STATE	AREA				YIELD PER ACRE	
	PLANTED		HARVESTED		1987	1988
	1987	1988	1987	1988		
	ACRES				CWT	
ASPARAGUS: 1/						
CALIF	39,700	40,100	39,700	40,100	30	29
MICH	23,000	23,000	22,000	22,500	11	11
N J	1,900	1,700	1,800	1,700	18	20
WASH	32,000	33,000	31,000	32,000	26	30
GROUP TOTAL	96,600	97,800	94,500	96,300	24	25
ONIONS: 2/						
SPRING						
ARIZ	1,300	1,200	1,300	1,200	450	425
CALIF	8,200	8,200	8,200	8,200	390	375
TEX	13,800	14,500	12,500	14,000	220	230
GROUP TOTAL	23,300	23,900	22,000	23,400	297	291
STRAWBERRIES: 1/						
EARLY						
FLA	4,900	5,000	4,900	5,000	225	250
LATE						
CALIF	16,800	17,600	16,800	17,600	490	490
MICH	2,300	2,500	2,200	2,300	60	55
N J	800	700	800	700	53	46
OREG	8,000	8,000	7,800	7,800	120	130
WASH	2,500	2,300	2,500	2,300	96	87
GROUP TOTAL	30,400	31,100	30,100	30,700	318	326
MAJOR STATES						
TOTAL	35,300	36,100	35,000	35,700	305	315

SEE FOOTNOTES ON PAGE 5.

VEGETABLES FOR FRESH MARKET

CROP AND STATE	PRODUCTION		VALUE			
	1987	1988	PER CWT		TOTAL	
			1987	1988	1987	1988
	1,000 CWT		DOLLARS		1,000 DOLLARS	
ASPARAGUS: 1/						
CALIF	1,191	1,163	62.80	66.00	74,746	76,755
MICH	242	248	58.60	59.00	14,170	14,632
N J	32	34	65.30	66.50	2,090	2,261
WASH	806	960	49.90	47.30	40,257	45,420
GROUP TOTAL	2,271	2,405	57.80	57.80	131,263	139,068
ONIONS: 2/						
SPRING						
ARIZ	585	510	20.50	7.50	11,993	3,825
CALIF	3,198	3,075	17.60	9.71	56,285	29,858
TEX	2,750	3,220	25.30	12.00	69,575	38,640
GROUP TOTAL	6,533	6,805	21.10	10.60	137,853	72,323
STRAWBERRIES: 1/						
EARLY						
FLA	1,103	1,250	60.80	59.10	67,062	73,875
LATE						
CALIF	8,232	8,624	49.50	45.00	407,657	387,683
MICH	132	127	47.20	47.90	6,226	6,083
N J	42	32	68.00	72.20	2,856	2,310
OREG 3/	936	1,014	33.70	31.00	31,520	31,423
WASH 3/	240	200	34.10	31.10	8,180	6,224
GROUP TOTAL	9,582	9,997	47.60	43.40	456,439	433,723
MAJOR STATES						
TOTAL	10,685	11,247	49.00	45.10	523,501	507,598

1/ INCLUDES FRESH AND PROCESSING.

2/ PRIMARLY FRESH MARKET.

3/ EXCLUDES THE FOLLOWING QUANTITIES NOT HARVESTED OR NOT MARKETED BECAUSE OF ECONOMIC CONDITIONS: 1987, ORE, 185,000 CWT; WASH, 50,000 CWT.

PROCESSING VEGETABLES

Contracted production of the 4 major vegetable crops (snap beans, sweet corn, green peas, and tomatoes) is forecast at 10.7 million tons for 1988. This is a reduction of 6 percent from last year and 1 percent below two years ago. Harvest is expected from 1.20 million acres, up 2 percent from last year. Production of green peas and snap beans were sharply reduced by drought occurring earlier this year and these reductions were reported in our July and August reports. Sweet corn, down 17 percent, and tomatoes, up fractionally, are covered in this report.

SWEET CORN: Processors forecast sweet corn production this year of 2.36 million tons, down 17 percent from last year and 8 percent below 1986. Harvest area at 446 thousand acres increased 4 percent, but drought across the Mid-west and into New York reduced yields substantially.

Raw product intake is expected to be reduced 32 percent in Illinois, 21 percent in Minnesota, 25 percent in Wisconsin, and 46 percent in New York compared with last year. Early fields were devastated by drought, but improvement is expected as the season progresses. Delaware and Maryland growers were able to save their crops with the use of irrigation and they turned out better than a year ago. In the Pacific Northwest, production should be near last year although heat reduced yields in Washington and Idaho.

TOMATOES FOR CANNING: Processors expect to take in 7.52 million tons of tomatoes on contract this year, a slight increase over last year and 3 percent above 1986. Area for harvest is set at 271 thousand acres, up 7 percent, but drought in the Mid-west reduced overall yield per acre by 6 percent.

California, dominating U.S. tomato production with 6.72 million tons, expects a gain of 1 percent from last year. Ohio output is down 16 percent; Indiana production is off 22 percent and Michigan expects a reduction of 12 percent from a year ago.

PROCESSING VEGETABLES: PRELIMINARY AREA AND INDICATED PRODUCTION BY CROPS,
UNITED STATES, 1988 WITH COMPARISON
(DOMESTIC UNITS)

CROP	HARVESTED AREA			
	1986		1987	
	1988		INDICATED	
	TOTAL	TOTAL	CONTRACT	CONTRACT
	ACRES			
ALL PROCESSING 1/				
SNAP BEANS	190,560	220,310	199,270	203,300
SWEET CORN	413,380	430,920	430,320	446,100
GREEN PEAS	272,420	290,300	288,500	278,300
TOMATOES	252,060	256,600	252,300	270,770
TOTAL	1,128,420	1,198,130	1,170,390	1,198,470
CUCUMBERS FOR PICKLES 2/	110,510	109,630	90,890	
TOTAL 5 VEGETABLES	1,238,930	1,307,760	1,261,280	
	PRODUCTION			
	1986		1987	
	1988		INDICATED	
	TOTAL	TOTAL	CONTRACT	CONTRACT
	TONS			
ALL PROCESSING 1/				
SNAP BEANS	609,400	676,300	615,680	527,440
SWEET CORN	2,559,440	2,866,630	2,863,060	2,363,200
GREEN PEAS	414,880	439,530	436,870	299,190
TOMATOES	7,393,290	7,596,580	7,495,050	7,517,910
TOTAL	10,977,010	11,579,040	11,410,660	10,707,740
CUCUMBERS FOR PICKLES 2/	639,550	635,450	531,860	
TOTAL 5 VEGETABLES	11,616,560	12,214,490	11,942,520	

1/ SNAP BEANS AND GREEN PEAS CARRIED FORWARD FROM EARLIER FORECASTS.

2/ CUCUMBERS FOR PICKLES PUBLISHED DEC 16, 1988.

PROCESSING VEGETABLES: PRELIMINARY AREA AND INDICATED PRODUCTION BY CROPS,
UNITED STATES, 1988 WITH COMPARISON
(METRIC UNITS)

CROP	HARVESTED AREA			
	1986		1987	
	1988		INDICATED	
	TOTAL	CONTRACT	TOTAL	CONTRACT
HECTARES				
ALL PROCESSING 1/				
SNAP BEANS	77,120	89,160	80,640	82,270
SWEET CORN	167,290	174,390	174,150	180,530
GREEN PEAS	110,250	117,480	116,750	112,630
TOMATOES	102,010	103,840	102,100	109,580
TOTAL	456,670	484,870	473,640	485,010
CUCUMBERS FOR PICKLES 2/	44,720	44,370	36,780	
TOTAL 5 VEGETABLES	501,390	529,240	510,420	
PRODUCTION				
	1986		1987	
	1988		INDICATED	
	TOTAL		CONTRACT	
	TOTAL	CONTRACT	TOTAL	CONTRACT
METRIC TONS				
ALL PROCESSING 1/				
SNAP BEANS	552,840	613,530	558,530	478,480
SWEET CORN	2,321,870	2,600,550	2,597,310	2,143,850
GREEN PEAS	376,370	398,730	396,320	271,420
TOMATOES	6,707,040	6,891,470	6,799,360	6,820,100
TOTAL	9,958,120	10,504,280	10,351,520	9,713,850
CUCUMBERS FOR PICKLES 2/	580,190	576,470	482,490	
TOTAL 5 VEGETABLES	10,538,310	11,080,750	10,834,010	

1/ SNAP BEANS AND GREEN PEAS CARRIED FORWARD FROM EARLIER FORECASTS.

2/ CUCUMBERS FOR PICKLES PUBLISHED DEC 16, 1988.

SWEET CORN FOR PROCESSING

STATE	HARVESTED AREA			
	1987			INDICATED
	1986			1988
	TOTAL	TOTAL	CONTRACT	CONTRACT
ACRES				
DEL	4,900	5,400	5,400	5,300
IDAHO	16,500	17,800	17,800	18,300
ILL	31,700	27,600	27,600	31,500
MD	7,600	6,300	6,300	6,800
MINN	123,500	112,200	112,200	128,000
N Y	27,100	27,900	27,600	22,900
OREG	34,900	38,900	38,900	36,500
PA	3,500	3,000	2,800	3,200
WASH	35,300	44,600	44,500	46,500
WIS	122,200	140,000	140,000	140,000
OTH STS 1/	6,180	7,220	7,220	7,100
U S	413,380	430,920	430,320	446,100
	YIELD PER ACRE			PRODUCTION
	: INDICATED:			1987
	1986	1987	1988	1988
	TOTAL	TOTAL	CONTRACT	CONTRACT
TONS				
DEL	4.77	4.72	5.10	23,370
IDAHO	9.01	9.35	9.20	148,670
ILL	4.79	5.41	3.20	151,840
MD	5.46	5.16	5.50	41,500
MINN	5.95	6.50	4.50	734,830
N Y	5.12	6.92	4.50	138,750
OREG	9.24	8.84	9.30	322,480
PA	3.29	3.51	3.40	11,520
WASH	8.37	9.02	8.50	295,460
WIS	5.37	5.50	4.10	656,210
OTH STS 1/	5.63	6.07	4.36	34,810
U S	6.19	6.65	5.30	2,559,440

1/ 1986-87 - IND, IOWA, MICH, AND N J.
1988 - IND, IOWA, AND MICH.

TOMATOES FOR PROCESSING

STATE	HARVESTED AREA						
	1987			INDICATED 1988 CONTRACT			
	1986 TOTAL	TOTAL	CONTRACT				
ACRES							
CALIF	210,400	214,000	211,800	224,000			
COLO	650	590	590	650			
DEL				1,000			
IND	6,400	6,700	6,500	7,500			
MD	1,800	1,200	900	2,800			
MICH	5,400	5,000	4,900	5,100			
N J	3,000	2,900	2,700	3,200			
N Y				1,500			
OHIO	14,800	16,000	16,000	17,100			
PA	2,900	2,100	2,000	3,000			
OTH STS 1/	6,710	8,110	6,910	4,920			
U S	252,060	256,600	252,300	270,770			
YIELD PER ACRE : PRODUCTION							
1986		1987		INDICATED			
1986	1987	1988	1986	1988			
TOTAL	TOTAL	CONTRACT	TOTAL	CONTRACT			
TONS							
CALIF	30.80	31.32	30.00	6,480,320	6,702,480	6,632,770	6,720,000
COLO	16.68	12.86	18.30	10,840	7,590	7,590	11,900
DEL			13.00				13,000
IND	21.58	23.41	15.80	138,110	156,850	151,660	118,500
MD	13.78	14.17	13.60	24,800	17,000	11,990	38,080
MICH	24.70	23.70	20.00	133,380	118,500	116,130	102,000
N J	17.42	19.40	15.65	52,260	56,260	52,380	50,080
N Y			15.90				23,850
OHIO	26.00	23.00	18.00	384,800	368,000	368,000	307,800
PA	17.62	14.14	16.00	51,100	29,690	28,550	48,000
OTH STS 1/	17.54	17.29	17.22	117,680	140,210	125,980	84,700
U S	29.33	29.60	27.76	7,393,290	7,596,580	7,495,050	7,517,910
1/ 1986-87 - DEL, FLA, ILL, IOWA, NEW MEX, N Y, N C, S C, TEX, UTAH, AND VA. 1988 - FLA, ILL, IOWA, N C, S C, TEX, AND VA.							

