
Vegetables



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HIGHLIGHTS

ASPARAGUS production in the major producing States is expected to total 2.35 million cwt, 2 percent less than last year.

STRAWBERRY production in the major States is estimated at 11.3 million cwt, up 6 percent from 1989.

STORAGE ONION production (excluding California) is forecast at 28.4 million cwt, up 10 percent from last year and 14 percent above two years ago. Total annual production is 53.7 million cwt, a gain of 12 percent from 1989 and 15 percent above 1988.

PROCESSING VEGETABLE production on contract is forecast at 15.5 million tons for the 4 major crops, up 14 percent from last year and 47 percent above two years ago. Sweet corn gained 11 percent; while canning tomatoes are up 17 percent. Contracts covered 98 percent of production in 1989.

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ASPARAGUS: Production of asparagus in the major producing States is estimated at 2.35 million cwt, 2 percent less than a year ago. Harvested acreage, at 90.8 thousand acres, is down 3 percent from 1989. Yield is estimated at 26 cwt per acre, unchanged, from last year.

STRAWBERRIES: The strawberry production estimate for the major producing States is 11.3 million cwt, a 6 percent increase from the previous year. The harvested area, at 36.0 thousand acres, decreased fractionally. Yield is 313 cwt per acre compared with 295 cwt per acre in 1989.

ONIONS: Annual production is forecast at 53.7 million cwt, up 12 percent from last year and 15 percent above two years ago. Farmers expect to harvest 142 thousand acres, up 7 percent from a year ago and 10 percent above 1988. The average yield per acre is up 5 percent from last year.

STORAGE ONIONS: Production of summer storage onions (excluding California) is forecast at 28.4 million cwt, up 10 percent from last year and 14 percent above two years ago. Compared with last year, acreage for harvest is up 2 percent; while the average yield is expected to be up 7 percent. The California crop, used mostly for processing, is forecast at 12.9 million cwt, 28 percent above a year ago.

SPRING ONIONS: This end-of-season report on spring onions places production at 7.57 million cwt, up 3 percent from last year and 8 percent above 1988. Harvested acreage, of 27.5 thousand acres, was down 3 percent but better yields more than offset the lower acreage. The spring onion crop was valued at \$120 million, nearly one-third higher than a year ago. The average price jumped from \$12.30 in 1989 to \$15.80 this year.

ONIONS FOR FRESH MARKET

CROP AND STATE	AREA			YIELD PER ACRE		
	HARVESTED		FOR HARVEST 1990	1988	1989	1990
	1988	1989				
	ACRES			CWT		
SPRING	23,700	28,400	27,470	295	260	276
SUMMER NON-STORAGE	12,100	13,000	14,900	351	351	324
STORAGE:						
CO	13,500	13,800	13,500	410	400	400
ID & MALHEUR	17,700	17,200	17,600	530	540	530
MI	8,000	7,900	7,400	250	280	320
MN	600	670	540	210	240	280
NY	11,700	11,200	12,500	250	260	410
OH	550	490	500	300	390	360
OR - OTHER	3,600	3,500	3,500	360	405	390
UT	1,800	1,900	1,900	380	445	410
WA	5,600	6,200	6,800	450	450	470
WI	1,300	1,300	1,500	270	375	350
SUBTOTAL	64,350	64,160	65,740	388	403	432
CA 1/	28,800	27,000	34,000	365	375	380
TOTAL SUMMER	105,250	104,160	114,640	378	389	403
U S	128,950	132,560	142,110	362	361	378
	PRODUCTION					
	1988		1989		1990	
	1,000 CWT					
SPRING	6,985		7,380		7,571	
SUMMER NON-STORAGE	4,253		4,565		4,821	
STORAGE:						
CO	5,535		5,520		5,400	
ID & MALHEUR	9,381		9,288		9,328	
MI	2,000		2,212		2,368	
MN	126		161		151	
NY	2,925		2,912		5,125	
OH	165		191		180	
OR - OTHER	1,296		1,418		1,365	
UT	684		846		779	
WA	2,520		2,790		3,196	
WI	351		488		525	
SUBTOTAL	24,983		25,826		28,417	
CA 1/	10,512		10,125		12,920	
TOTAL SUMMER	39,748		40,516		46,158	
U S	46,733		47,896		53,729	

1/ PRIMARILY FOR PROCESSING.

VEGETABLES FOR FRESH MARKET

CROP AND STATE	AREA				YIELD PER ACRE	
	PLANTED		HARVESTED		1989	1990
	1989	1990	1989	1990		
	ACRES	CWT				
ASPARAGUS: 1/						
CA	40,000	38,600	37,500	35,900	29	29
MI	24,000	24,000	23,000	23,500	11	11
NJ	1,700	1,500	1,500	1,400	25	23
WA	33,000	31,000	32,000	30,000	32	34
GROUP TOTAL	98,700	95,100	94,000	90,800	26	26
ONIONS: 2/						
SPRING						
AZ	1,000	770	1,000	770	440	505
CA	7,700	8,500	7,700	8,500	400	420
GA	4,800	5,700	4,700	5,600	135	195
TX	16,200	14,100	15,000	12,600	215	200
GROUP TOTAL	29,700	29,070	28,400	27,470	260	276
STRAWBERRIES: 1/						
WINTER						
FL	5,300	5,400	5,300	5,300	260	220
SPRING						
CA	19,900	20,600	19,900	20,600	420	445
MI	2,400	2,400	2,200	2,200	53	65
NJ	700	600	600	500	30	42
OR	6,800	5,900	6,200	5,700	105	115
WA	1,900	1,700	1,900	1,700	60	65
GROUP TOTAL	31,700	31,200	30,800	30,700	301	329
MAJOR STATES						
TOTAL	37,000	36,600	36,100	36,000	295	313

SEE FOOTNOTES ON PAGE 5.

VEGETABLES FOR FRESH MARKET

CROP AND STATE	PRODUCTION		VALUE			
	1989	1990	PER CWT		TOTAL	
			1989	1990	1989	1990
	1,000 CWT		DOLLARS		1,000 DOLLARS	
ASPARAGUS: 1/						
CA	1,088	1,041	66.20	66.90	71,978	69,690
MI	253	259	58.40	56.70	14,784	14,685
NJ	38	32	64.80	68.00	2,462	2,176
WA	1,024	1,020	53.80	53.80	55,074	54,916
GROUP TOTAL	2,403	2,352	60.00	60.10	144,298	141,467
ONIONS: 2/						
SPRING						
AZ	440	389	8.90	11.90	3,916	4,629
CA	3,080	3,570	11.30	11.10	34,804	39,627
GA	635	1,092	27.20	29.80	17,272	32,542
TX	3,225	2,520	10.70	17.00	34,508	42,840
GROUP TOTAL	7,380	7,571	12.30	15.80	90,500	119,638
STRAWBERRIES: 1/						
WINTER						
FL	1,378	1,166	66.90	64.60	92,188	75,324
SPRING						
CA	8,358	9,167	42.40	44.70	354,184	409,634
MI	117	143	49.00	50.50	5,736	7,215
NJ	18	21	69.90	87.50	1,258	1,838
OR	651	656	37.80	46.30	24,621	30,388
WA 3/	114	111	47.70	51.20	5,440	5,678
GROUP TOTAL	9,258	10,098	42.30	45.00	391,239	454,753
MAJOR STATES						
TOTAL	10,636	11,264	45.50	47.10	483,427	530,077

1/ INCLUDES FRESH AND PROCESSING.

2/ PRIMARILY FRESH MARKET.

3/ EXCLUDES THE FOLLOWING QUANTITIES NOT HARVESTED OR NOT MARKETED BECAUSE OF ECONOMIC CONDITIONS: 1989 - WA, 4,000 CWT; 1990 - WA, 8,000 CWT.

PROCESSING VEGETABLE PRODUCTION GAIN 14 PERCENT

Processors forecast production of 15.5 million tons of the 4 major processed vegetable crops in 1990, up 14 percent from last year and 47 percent above the drought damaged 1988 crop. Canning tomato production is forecast at 10.9 million tons, 17 percent above last year. The California crop is 9.91 million tons to pace this gain. Sweet corn for processing comes in at 3.27 million tons, up 11 percent from 1989. In earlier forecasts, snap beans were forecast at 760 thousand tons and green peas at 543 thousand tons, down 9 and up 8 percent, respectively.

Contract acreage for the 4 crops is 1.45 million acres, up 9 percent from last year and 22 percent above 1988.

SWEET CORN: Production of sweet corn for processing is forecast at 3.27 million tons, up 11 percent from last year, and 35 percent above 1988. Contract acreage is 510 thousand acres, 10 percent above last year and 14 percent above two years ago. The average yield of 6.41 tons expected, is up slightly from last year.

Production in the Atlantic Coast States of New York, Pennsylvania, Maryland, and Delaware jumped sharply from last year with good yields on increased acreage. Minnesota and Washington yields are down but increased acreage will provide more sweet corn than last year. Improved yields in Idaho and Oregon will increase production moderately from last year. Wisconsin production is expected to be near last year.

TOMATOES FOR CANNING: Production of processing tomatoes is forecast at 10.9 million tons, up 17 percent from last year and 50 percent better than two years ago. Acreage contracted for harvest came to 361 thousand acres, a gain of 15 percent; while the average yield improved 2 percent.

California tomatoes are close to the 10 million ton mark. A 16 percent jump in acreage combined with a 1 percent gain in yield to lead the production increase. Most of the other producing States also look for a better tomato crop than last year.

MAJOR PROCESSING VEGETABLES: PRELIMINARY AREA AND INDICATED PRODUCTION,
UNITED STATES, 1990 WITH COMPARISON
(DOMESTIC UNITS)

CROP	HARVESTED AREA			
	ACRES			INDICATED 1990 CONTRACT
	1988	1989		
	TOTAL	TOTAL : CONTRACT		
ALL PROCESSING 1/				
SNAP BEANS	217,650	249,000	237,710	229,980
SWEET CORN	446,200	464,450	461,950	509,750
GREEN PEAS	283,900	316,500	315,200	351,510
TOMATOES	274,920	320,850	313,880	361,140
TOTAL	1,222,670	1,350,800	1,328,740	1,452,380
CUCUMBERS FOR PICKLES 2/	118,870	124,170	103,850	
TOTAL 5 VEGETABLES	1,341,540	1,474,970	1,432,590	
	PRODUCTION			
	TONS			INDICATED 1990 CONTRACT
	1988	1989		
	TOTAL	TOTAL : CONTRACT		
ALL PROCESSING 1/				
SNAP BEANS	588,280	869,700	838,730	759,680
SWEET CORN	2,420,400	2,949,340	2,935,960	3,269,320
GREEN PEAS	313,140	504,660	502,910	543,420
TOMATOES	7,409,920	9,484,470	9,303,020	10,926,890
TOTAL	10,731,740	13,808,170	13,580,620	15,499,310
CUCUMBERS FOR PICKLES 2/	651,580	642,690	547,780	
TOTAL 5 VEGETABLES	11,383,320	14,450,860	14,128,400	

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

2/ CUCUMBERS FOR PICKLES PUBLISHED DEC 14, 1990.

MAJOR PROCESSING VEGETABLES: PRELIMINARY AREA AND INDICATED PRODUCTION,
UNITED STATES, 1990 WITH COMPARISON
(METRIC UNITS)

CROP	:	HARVESTED AREA				
	:	1989			:	INDICATED
	:	1988			:	1990
	:	TOTAL	TOTAL	CONTRACT	:	CONTRACT
	:	HECTARES				
ALL PROCESSING 1/	:					
SNAP BEANS	:	88,080	100,770	96,200	93,070	
SWEET CORN	:	180,570	187,960	186,950	206,290	
GREEN PEAS	:	114,890	128,080	127,560	142,250	
TOMATOES	:	111,260	129,840	127,020	146,150	
	:					
TOTAL	:	494,800	546,650	537,730	587,760	
	:					
CUCUMBERS FOR PICKLES 2/	:	48,110	50,250	42,030		
	:					
TOTAL 5 VEGETABLES	:	542,910	596,900	579,760		
	:	PRODUCTION				
	:	1989			:	INDICATED
	:	1988			:	1990
	:	TOTAL	TOTAL	CONTRACT	:	CONTRACT
	:	METRIC TONS				
ALL PROCESSING 1/	:					
SNAP BEANS	:	533,680	788,980	760,880	689,170	
SWEET CORN	:	2,195,750	2,675,600	2,663,460	2,965,880	
GREEN PEAS	:	284,080	457,820	456,230	492,980	
TOMATOES	:	6,722,170	8,604,170	8,439,560	9,912,710	
	:					
TOTAL	:	9,735,680	12,526,570	12,320,130	14,060,740	
	:					
CUCUMBERS FOR PICKLES 2/	:	591,100	583,040	496,940		
	:					
TOTAL 5 VEGETABLES	:	10,326,780	13,109,610	12,817,070		

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

2/ CUCUMBERS FOR PICKLES PUBLISHED DEC 14, 1990.

SWEET CORN FOR PROCESSING

STATE	HARVESTED AREA						
	ACRES						
	:						
	1988	1989		INDICATED		1990	
	TOTAL	TOTAL	CONTRACT	TOTAL	CONTRACT	TOTAL	CONTRACT
DE	5,300	6,300	5,600	7,300			
ID	18,200	20,200	20,200	20,300			
IL	30,300	36,100	36,100	35,500			
MD	6,800	4,600	4,300	6,700			
MN	124,200	106,700	106,700	126,100			
NY	25,000	27,700	27,500	35,300			
OR	38,500	45,500	45,200	45,800			
PA	2,800	2,000	2,000	3,300			
WA	49,200	51,200	50,200	59,000			
WI	138,400	152,000	152,000	155,000			
OTH STS 1/	7,500	12,150	12,150	15,450			
U S	446,200	464,450	461,950	509,750			
	YIELD PER ACRE : PRODUCTION						
	:						
	1988	1989	INDICATED:	1988	1989	INDICATED	1990
	TOTAL	TOTAL	CONTRACT	TOTAL	TOTAL	CONTRACT	CONTRACT
DE	4.98	5.46	5.30	26,390	34,400	30,400	38,690
ID	9.00	9.01	9.20	163,800	182,000	182,000	186,760
IL	3.96	5.61	5.80	119,990	202,520	202,520	205,900
MD	5.04	5.24	6.30	34,270	24,100	22,730	42,210
MN	4.38	6.10	6.00	544,000	650,870	650,870	756,600
NY	3.80	4.00	5.75	95,000	110,800	110,000	202,980
OR	9.18	8.68	9.05	353,430	394,940	392,300	414,490
PA	3.71	4.89	5.50	10,390	9,780	9,780	18,150
WA	8.75	9.19	8.50	430,500	470,530	465,960	501,500
WI	4.40	5.33	5.20	608,960	810,160	810,160	806,000
OTH STS 1/	4.49	4.88	6.22	33,670	59,240	59,240	96,040
U S	5.42	6.35	6.41	2,420,400	2,949,340	2,935,960	3,269,320

1/ 1988 - IN, IA, AND MI.
1989 - IN, IA, MI, AND VA.
1990 - IN, IA, MI, OH, AND VA.

TOMATOES FOR PROCESSING

		HARVESTED AREA						
STATE	:	1989				INDICATED		
	:	1988				1990		
	:	TOTAL	TOTAL	:	CONTRACT	:	CONTRACT	
		ACRES						
CA	:	226,100	276,500		272,000		315,000	
CO	:	680	190		190		200	
DE	:	1,000	470		470		550	
IN	:	7,500	7,800		7,500		8,300	
MD	:	2,700	970		970		940	
MI	:	5,200	5,400		5,300		5,900	
NJ	:	3,300	3,000		2,900		3,400	
NY	:	2,300	1,900		1,900		2,100	
OH	:	17,700	17,500		17,000		17,800	
PA	:	2,000	1,700		1,400		1,800	
OTH STS 1/	:	6,440	5,420		4,250		5,150	
U S	:	274,920	320,850		313,880		361,140	
		YIELD PER ACRE		:	PRODUCTION			
:	:	:	INDICATED:	:	1989	:	INDICATED	
:	1988	1989	1990	:	1988	:	1990	
:	TOTAL	TOTAL	CONTRACT	:	TOTAL	:	CONTRACT	
		TONS						
CA	:	28.96	31.05	31.45	6,547,860	8,585,330	8,445,200	9,906,750
CO	:	18.15	19.00	15.00	12,340	3,610	3,610	3,000
DE	:	6.72	7.77	14.20	6,720	3,650	3,650	7,810
IN	:	20.82	20.20	22.25	156,150	157,560	150,270	184,680
MD	:	9.00	12.69	16.60	24,300	12,310	12,310	15,600
MI	:	21.60	24.60	24.00	112,320	132,840	130,380	141,600
NJ	:	12.70	10.53	21.50	41,910	31,590	30,540	73,100
NY	:	17.04	18.63	18.90	39,190	35,400	35,400	39,690
OH	:	20.30	22.36	24.00	359,310	391,300	380,700	427,200
PA	:	13.93	20.80	18.50	27,860	35,360	29,520	33,300
OTH STS 1/	:	12.73	17.62	18.28	81,960	95,520	81,440	94,160
U S	:	26.95	29.56	30.26	7,409,920	9,484,470	9,303,020	10,926,890

1/ 1988-89 - FL, IL, IA, S C, TX, AND VA.
 1990 - FL, IL, IA, S C, TX, AND VA.

