

VEGETABLES

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HIGHLIGHTS

PROCESSING VEGETABLES: Production forecasts for seven major vegetable crops for processing total 10.6 million tons (9.64 million metric tons), 8 percent smaller than a year ago.

ASPARAGUS: Production in major producing States is expected to be 1.71 million cwt. (77.7 thousand metric tons), 17 percent less than last year.

STRAWBERRIES: Production during 1978 in major States is estimated at 5.96 million cwt. (270 thousand metric tons), 1 percent above 1977.

ONIONS: Total summer quarter production is placed at 29.7 million cwt. (1.34 million metric tons), up 2 percent from last year.

AREA AND PRODUCTION OF SELECTED FRESH MARKET VEGETABLES

ARTICHOKES: The 1978 production of artichokes in California is estimated at 475 thousand cwt. (21.5 thousand metric tons), one-third less than the 713 thousand cwt. (32.3 thousand metric tons) produced during 1977. The crop was harvested from 9,900 acres (4010 hectares), 8 percent below the area harvested last year. Yield per acre is placed at 48 cwt. compared with 66 cwt. in 1977. Harvest of California's 1979 artichoke crop is beginning in Castroville, the major producing area. Production will increase through the fall and winter and peak in March, April, and May.

ASPARAGUS: Production of asparagus during 1978 in major producing States is estimated at 1.71 million cwt. (77.7 thousand metric tons), 17 percent below last year. Harvested area is placed at 71.4 thousand acres (28.9 thousand hectares), 4 percent less than the area harvested in 1977. Yield is estimated at 24 cwt. per acre compared with 28 cwt. last year.

BRUSSELS SPROUTS: The 1978 harvested area of brussels sprouts in California is expected to total 5,900 acres (2390 hectares), 2 percent above last year. Harvest is underway in Monterey, Santa Cruz, and San Mateo Counties of the Central Coast. Volume will increase in September and October and then decrease through March. Most production goes for processing.

ONIONS: Production of spring and summer onions is estimated at 35.3 million cwt. (1.60 million metric tons), 3 percent more than the 34.3 million cwt. (1.56 million metric tons) produced last year.

SUMMER STORAGE ONIONS: Production is placed at 17.9 million cwt. (814 thousand metric tons), 4 percent above the 1977 output. Harvested area is estimated at 50.1 thousand acres (20.3 thousand hectares), 5 percent greater than the area harvested last year. Yield per acre is placed at 358 cwt. which compares with 360 cwt. per acre last year. In New York, early varieties are yielding well but bulb sizes are not as large as usual. Late variety harvest has just started. Some smut, blight and insect damage as well as a few light stands are apparent in late varieties in Orange County. Elba area has had some wind damage, but the Oswego area crop looks good.

Harvest of Michigan onions is just getting underway. This year's crop has the best potential in a number of years. Size and quality are good. Winds knocked over tops in many fields. Progress of the late plantings are about two weeks later than usual in Ohio. Light harvest started on the early planted acreage the second week in August. Volume harvest should begin by mid-September.

In Wisconsin, tops are down in most areas and the crop is mostly made. Size is mostly medium to small and quality is expected to be excellent. Yields are expected to be the same as last year in Minnesota in spite of hail damage in the southern areas of the State.

In Colorado, harvest is underway in the northeast and in the Arkansas Valley. Yields are expected to be above average in all producing areas. Hail damage has been light. The labor supply is short. A wet spring and a hot August resulted in thin stands and smaller onions in Idaho. Yields are expected to be lower than a year ago. Harvest was gaining momentum at the end of August. Generally, the 1978 Utah onion crop is better than normal with good size and quality. Some harvesting was begun as early as the last week of August. However, most growers are planning to start harvest in mid-September and hope to finish by the first of October.

In Washington, hot weather in July and early August slowed sizing but growers indicate the crop is now progressing normally. Light harvest was underway in late August but did not become general until after Labor Day.

In Oregon, cold, wet weather during the planting season delayed the crop. Many fields are spotty and other fields have had nematode problems. Digging of California's summer onion crop is active throughout the State. Yields are running slightly below last year. Cool, wet weather hindered planting and created weed and slight mildew problems later in the year.

STRAWBERRIES: The final 1978 estimate of strawberries in major producing States is placed at 5.96 million cwt. (270 thousand metric tons), 1 percent above a year earlier. Yield per acre is estimated at 241 cwt. compared with 257 cwt. per acre last year.

AREA AND PRODUCTION REPORTED TO DATE

CROP, SEASON AND STATE	AREA			YIELD PER ACRE			PRODUCTION		
	HARVESTED		FOR	1976	1977	IND 1978	1976	1977	IND 1978
	1976	1977	HARVEST 1978						
	ACRES			CWT			1,000 CWT		
BRUSSELS SPROUTS: <u>1/</u> FALL CALIF	4,900	5,800	5,900	120	135		588	783	
ONIONS: SPRING <u>2/</u>	31,700	24,000	29,400	226	224	193	7,172	5,372	5,673
SUMMER <u>2/</u> NON-STORAGE TOTAL	11,850	11,250	12,150	300	287	252	3,553	3,231	3,062
STORAGE									
COLO	5,900	6,800	7,500	370	300	325	2,183	2,040	2,438
IDAHO & E OREG	11,300	11,900	12,300	550	480	470	6,215	5,712	5,781
MICH	7,100	7,100	7,000	305	295	330	2,166	2,095	2,310
MINN	800	840	750	215	260	260	172	218	195
N Y	13,700	13,300	13,900	265	305	300	3,631	4,057	4,170
OHIO	470	560	550	370	385	330	174	216	182
OREG, W	2,200	2,100	2,100	515	470	360	1,133	987	756
UTAH	1,500	1,400	1,500	300	335	320	450	469	480
WASH	1,800	2,700	3,100	400	410	400	720	1,107	1,240
WIS	1,400	1,200	1,400	295	290	280	413	348	392
SUBTOTAL	46,170	47,900	50,100	374	360	358	17,257	17,249	17,944
CALIF <u>3/</u>	19,500	24,500	26,200	370	345	330	7,215	8,453	8,646
TOTAL SUMMER	77,520	83,650	88,450	362	346	335	28,025	28,933	29,652
U S TOTAL	109,220	107,650	117,850	322	319	300	35,197	34,305	35,325

1/ INCLUDES FRESH MARKET AND PROCESSING; 1978 PRODUCTION AVAILABLE DECEMBER 22ND. 2/ PRIMARILY FRESH MARKET. 3/ PRIMARILY FOR PROCESSING.

ARTICHOKES 1/ : PROSPECTIVE AREA FOR HARVEST

STATE AND SEASON	HARVESTED AREA			1979 AS A PERCENT OF	
	1977	1978	IND 1979	1977	1978
	ACRES			PERCENT	
WINTER CALIF	10,800	9,900	9,300	86	94

1/ INCLUDES FRESH MARKET AND PROCESSING.

AREA AND YIELD PER ACRE 1976-78

CROP, SEASONAL GROUP AND STATE	AREA						YIELD PER ACRE		
	PLANTED			HARVESTED					
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	ACRES						CWT		
ARTICHOKES: <u>1/</u>									
WINTER									
CALIF	10,600	10,800	9,900	10,600	10,800	9,900	76	66	48
ASPARAGUS: <u>1/</u>									
SPRING									
CALIF	33,900	30,300	28,000	33,900	30,300	28,000	37	37	28
ILL	5,200	4,500	4,200	5,200	4,500	4,200	9	11	9
MICH	18,700	17,700	17,700	18,000	17,300	17,300	10	11	13
N J	3,300	2,300	1,900	3,300	2,300	1,900	13	14	14
WASH	20,400	20,200	20,000	20,400	20,200	20,000	32	33	32
SUBTOTAL	81,500	75,000	71,800	80,800	74,600	71,400	27	28	24
MINOR STATES <u>2/</u>	12,000	11,520		11,780	11,220		11	11	
U S TOTAL	93,500	86,520		92,580	85,820		25	25	
ONIONS: <u>3/</u>									
SPRING									
ARIZ	1,800	1,400	2,100	1,800	1,400	1,800	400	440	410
CALIF <u>4/</u>	6,400	5,700	5,400	5,900	5,700	5,300	280	345	300
TEX	25,000	17,800	25,800	24,000	16,900	22,300	200	165	150
GROUP TOTAL	33,200	24,900	33,300	31,700	24,000	29,400	226	224	193
STRAWBERRIES: <u>1/</u>									
WINTER									
FLA	1,400	1,500	2,000	1,400	1,500	2,000	150	145	145
SPRING									
CALIF	10,800	11,600	13,700	10,800	11,600	13,700	390	450	385
MICH	3,000	2,900	2,800	2,900	2,800	2,700	60	54	57
OREG	5,300	5,400	5,200	5,200	5,300	5,000	92	66	68
WASH	3,300	3,300	3,300	3,300	3,300	3,300	76	61	57
SUBTOTAL	22,400	23,200	25,000	22,200	23,000	24,700	230	257	241
MINOR STATES <u>2/</u>	10,450	10,100		10,150	9,800		38	38	
GROUP TOTAL	32,850	33,300		32,350	32,800		170	192	
U S TOTAL	34,250	34,800		33,750	34,300		169	190	

SEE FOOTNOTES ON PAGE 5.

PRODUCTION AND VALUE 1976-78

CROP, SEASONAL GROUP AND STATE	PRODUCTION			VALUE					
				PER CWT			TOTAL		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	1,000 CWT			DOLLARS			1,000 DOLLARS		
ARTICHOKES: <u>1/</u>									
WINTER									
CALIF	806	713	475	14.40	19.30	27.90	11,568	13,775	13,239
ASPARAGUS: <u>1/</u>									
SPRING									
CALIF	1,254	1,121	784	32.20	38.20	45.00	40,326	42,775	35,264
ILL	47	50	38	29.80	34.50	41.60	1,400	1,725	1,579
MICH	180	190	225	33.00	43.90	56.30	5,934	8,345	12,660
N J	43	32	27	43.60	55.10	68.20	1,874	1,763	1,841
WASH	653	667	640	28.70	32.70	37.90	18,727	21,815	24,248
SUBTOTAL	2,177	2,060	1,714	31.40	37.10	44.10	68,261	76,423	75,592
MINOR STATES <u>2/</u>	125	121		30.90	31.60		3,861	3,826	
U S TOTAL	2,302	2,181		31.30	36.80		72,122	80,249	
ONIONS: <u>3/</u>									
SPRING									
ARIZ	720	616	738	4.75	7.54	5.11	3,420	4,644	3,772
CALIF <u>4/</u>	1,652	1,967	1,590	4.73	8.44	7.57	7,814	16,601	12,036
TEX	4,800	2,789	3,345	6.92	13.40	9.53	33,216	37,373	31,878
GROUP TOTAL	7,172	5,372	5,673	6.20	10.90	8.41	44,450	58,618	47,686
STRAWBERRIES: <u>1/</u>									
WINTER									
FLA	210	218	290	42.20	41.10	55.50	8,862	8,960	16,095
SPRING									
CALIF	4,212	5,220	5,275	32.20	32.30	29.00	135,809	168,362	153,168
MICH	174	151	154	33.30	31.80	36.50	5,798	4,795	5,621
OREG	478	350	340	28.50	28.50	26.00	13,622	9,979	8,838
WASH	251	201	188	27.70	28.00	27.90	6,945	5,626	5,236
SUBTOTAL	5,115	5,922	5,957	31.70	31.90	29.00	162,174	188,762	172,863
MINOR STATES <u>2/</u>	388	369		41.90	46.70		16,255	17,225	
GROUP TOTAL	5,503	6,291		32.40	32.70		178,429	205,987	
U S TOTAL	5,713	6,509		32.80	33.00		187,291	214,947	

1/ INCLUDES FRESH MARKET AND PROCESSING.

2/ ASPARAGUS - DEL, IND, IOWA, MD, MINN, OREG, AND VA; STRAWBERRIES - ARK, LA, N J, N Y, N C, OHIO, PA, AND WIS.

3/ PRIMARILY FRESH MARKET.

4/ DOES NOT INCLUDE THE FOLLOWING QUANTITIES NOT HARVESTED OR NOT MARKETED BECAUSE OF ECONOMIC CONDITIONS: 1976, 30,000 CWT.

CONTRACTED AREA AND PRODUCTION OF PRINCIPAL PROCESSING VEGETABLES

The Nation's output of seven major vegetable crops contracted for processing is forecast at 10.6 million tons (9.64 million metric tons), 8 percent below the 11.5 million tons (10.5 million metric tons) produced during 1977. The crops included in this report are lima beans, snap beans, beets, sweet corn, peas, spinach (winter and spring) and tomatoes. The area contracted for production of these seven crops is estimated at 1.47 million acres (596 thousand hectares), virtually the same as a year earlier.

GREEN LIMA BEANS: The 1978 production of green lima beans contracted for processing is estimated at 84.9 thousand tons (77.0 thousand metric tons), 14 percent above last year. This year's crop is expected to be harvested from 68.1 thousand acres (27.6 thousand hectares), 13 percent more than in 1977. Yield per acre is placed at 1.25 tons, up slightly from last year's 1.23 tons per acre.

Soil moisture has been adequate to excessive in New Jersey. Harvest continues active as weather permits. Wisconsin has good crop development with adequate moisture for good yields. Quality appears excellent.

Oregon's lima crop looks good. Quality is good and yields appear to be about normal. California's green lima bean harvest is underway in most areas of the State. Peak harvest will be during September with some production extending into October. The crop is progressing well with normal yields expected in most areas.

BEETS: Production of beets contracted for processing during 1978 is estimated at 240 thousand tons (218 thousand metric tons), 20 percent larger than in 1977. Yield per acre at 13.66 tons compares with 14.60 tons per acre in 1977. The area contracted for this year's production is 17.6 thousand acres (7100 hectares), 30 percent above 1977.

Red beets for processing in Michigan are in good condition. Yield and quality are expected to be about the same as last year. Dry conditions in July slowed growth in Ohio.

In Wisconsin harvest of early plantings had a large percentage of small sizes and low yield. Later plantings are sizing well. In Oregon, harvest is over 25 percent completed. Plantings were delayed by adverse weather and many fields have not sized properly, resulting in lower yields for many growers. The majority of California's beets were harvested by the end of August. Yields were slightly lower than normal.

SWEET CORN: Contracted tonnage of 1978 sweet corn for processing is expected to total 2.43 million tons (2.20 million metric tons), 4 percent greater than last year. This year's yield is forecast at 5.52 tons per acre, slightly higher than last year's per acre output of 5.24 tons. The estimated area for harvest is placed at 439 thousand acres (178 thousand hectares), 12 percent below 1977.

In Wisconsin, the crop is developing fast. Heavy harvesting is expected with good quality. Minnesota's harvest is well underway with over half of the crop harvested as of September 1. Yields are expected to be the highest on record. The Illinois sweet corn crop is in good condition. Crop development is behind schedule as spring planting was delayed by abnormal weather.

Oregon's sweet corn crop looks good at the present time. The overall quality is good. Some fields were hurt by lack of water during the excessive heat of early August, but rainfall during mid and late August helped fill out ears. In eastern Washington, harvest is about one-third complete. Quality of this year's crop is excellent. Picking in the western section of the State is expected to get underway shortly after mid-month and continue for about a month.

TOMATOES: The 1978 production of tomatoes contracted for processing is estimated at 6.55 million tons (5.94 million metric tons), 14 percent below the tonnage produced during 1977. The crop is expected to be harvested from 293 thousand acres (118 thousand hectares), also 14 percent less than the area harvested last year. Yield is placed at 22.36 tons per acre, which compares with 22.44 tons per acre in 1977.

Hot, humid weather and excess soil moisture have caused some problems in New Jersey. Harvest continues as field conditions permit. In Virginia, a very wet spring and a mid-summer dry spell have adversely affected yields.

Ripening of fruit and harvesting in Ohio have lagged normal progress. Some areas of the State were affected by wet fields after planting which slowed growth. During July and August growing conditions were considered dry which caused more than normal blossom end rot and small fruit. Michigan processing tomatoes are being harvested a week or two later than normal this year. Dry weather during the peak growing period in the southeast has kept yields about normal.

Growing conditions were favorable in Colorado until late August when heavy rains were received. California's processing tomato harvest is about half finished. Deliveries to processors through late August were running about three-fourths of deliveries a year ago but the 1978 crop was planted later than last year. Extremely hot weather in early August caused some losses from sunscald and overripe fruit. The determining factors on final yields will be temperatures and precipitation between now and October 15.

PROCESSING VEGETABLES: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY CROPS, UNITED STATES, 1978 WITH COMPARISONS
(DOMESTIC UNITS)

CROP	HARVESTED AREA				PRODUCTION			
	1976	1977	INDICATED		1976	1977	INDICATED	
	TOTAL	TOTAL	CONTRACT	CONTRACT	TOTAL	TOTAL	CONTRACT	CONTRACT
	ACRES				TONS			
ALL PROCESSING 1/								
GREEN LIMA BEANS	48,000	60,310	60,310	68,090	55,800	74,200	74,200	84,900
SNAP BEANS	237,170	257,740	237,790	265,900	590,700	675,900	629,650	686,950
BEETS	14,490	14,120	13,500	17,550	157,350	206,200	199,350	239,750
SWEET CORN	460,980	448,980	447,280	439,420	2,233,100	2,354,200	2,345,500	2,427,700
GREEN PEAS	393,020	352,180	352,180	372,050	513,200	491,600	491,600	513,400
SPINACH-WINTER	16,000	13,000	12,900	13,500	127,550	112,350	111,900	103,500
SPRING	4,440	6,160	5,810	4,460	25,500	32,450	31,200	24,550
TOMATOES	308,960	346,360	338,640	292,760	6,471,750	7,773,150	7,651,650	6,547,550
TOTAL REPORTED TO DATE	1,483,060	1,498,850	1,468,410	1,473,730	10,174,950	11,720,050	11,535,050	10,628,300
CABBAGE FOR KRAUT	11,470	10,380	9,140	2/	232,050	231,450	208,050	220,250
CUCUMBERS FOR PICKLES								
SPRING & SUMMER	122,980	117,790	102,950	2/	610,050	601,850	532,850	
FALL	5,400	6,200	4,200	2/	23,750	26,250	15,700	
SPINACH-FALL	1,730	1,440	1,440	2/	8,050	8,900	8,900	
TOTAL 10 VEGETABLES	1,624,640	1,634,660	1,586,140	2/	11,048,850	12,588,500	12,300,550	

(METRIC UNITS)

CROP	HECTARES				METRIC TONS			
	1976	1977	INDICATED		1976	1977	INDICATED	
	TOTAL	TOTAL	CONTRACT	CONTRACT	TOTAL	TOTAL	CONTRACT	CONTRACT
ALL PROCESSING 1/								
GREEN LIMA BEANS	19 430	24 410	24 410	27 560	50 620	67 310	67 310	77 020
SNAP BEANS	95 980	104 300	96 230	107 610	535 870	613 160	571 210	623 190
BEETS	5 860	5 710	5 460	7 100	142 740	187 060	180 850	217 500
SWEET CORN	186 550	181 700	181 010	177 830	2 025 820	2 135 680	2 127 790	2 202 360
GREEN PEAS	159 050	142 520	142 520	150 560	465 560	445 970	445 970	465 750
SPINACH-WINTER	6 480	5 260	5 220	5 460	115 710	101 920	101 510	93 890
SPRING	1 800	2 490	2 350	1 800	23 130	29 440	28 300	22 270
TOMATOES	125 030	140 170	137 040	118 480	5 871 040	7 051 650	6 941 420	5 939 810
TOTAL REPORTED TO DATE	600 180	606 560	594 240	596 400	9 230 490	10 632 190	10 464 360	9 641 790
CABBAGE FOR KRAUT	4 640	4 200	3 700	2/	210 510	209 970	188 740	199 810
CUCUMBERS FOR PICKLES								
SPRING & SUMMER	49 770	47 670	41 660	2/	553 430	545 990	483 390	
FALL	2 190	2 510	1 700	2/	21 550	23 810	14 240	
SPINACH-FALL	700	580	580	2/	7 300	8 070	8 070	
TOTAL 10 VEGETABLES	657 480	661 520	641 880	2/	10 023 280	11 420 030	11 158 800	

1/ 1978 ESTIMATES FOR SNAP BEANS, CABBAGE, GREEN PEAS AND SPINACH CARRIED FORWARD FROM EARLIER FORECASTS.

2/ CABBAGE FOR KRAUT PUBLISHED DEC 22, 1978, 1978 SPRING, SUMMER AND FALL CUCUMBERS ALONG WITH FALL SPINACH WILL BE PUBLISHED NOV 8, 1978.

GREEN LIMA BEANS FOR PROCESSING: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY STATES, 1978 WITH COMPARISONS

STATE	HARVESTED AREA				INDICATED 1978 CONTRACT	
	1976 TOTAL	1977		1978 CONTRACT		
ACRES						
CALIF	15,700	26,900	26,900	30,300		
DEL	8,400	9,000	9,000	10,900		
MD	3,900	2,800	2,800	4,100		
WIS	5,000	5,900	5,900	6,500		
OTH STS 1/	15,000	15,710	15,710	16,290		
U S	48,000	60,310	60,310	68,090		
	YIELD PER ACRE			PRODUCTION		
	1976 TOTAL	1977 TOTAL	INDICATED 1978 CONTRACT	1976 TOTAL	1977 TOTAL	INDICATED 1978 CONTRACT
TONS						
CALIF	1.64	1.61	1.60	25,750	43,200	48,500
DEL	.83	.57	.80	7,000	5,100	8,750
MD	.68	.75	.80	2,650	2,100	3,300
WIS	.92	1.17	1.10	4,600	6,900	7,150
OTH STS 1/	1.05	1.08	1.06	15,800	16,900	17,200
U S	1.16	1.23	1.25	55,800	74,200	84,900

1/ 1976-78 - ARK, IDAHO, ILL, MINN, N J, N Y, OHIO, OREG, PA, TENN, UTAH, VA, AND WASH.

BEETS FOR CANNING: PRELIMINARY AREA AND INDICATED PRODUCTION,
BY STATES, 1978 WITH COMPARISONS

STATE	HARVESTED AREA				INDICATED 1978 CONTRACT	
	1976 TOTAL	1977		1978 CONTRACT		
ACRES						
N Y	4,700	3,600	3,500	5,100		
TEX	1,600			2,300		
WIS	6,300	6,900	6,400	7,400		
OTH STS 1/	1,890	3,620	3,600	2,750		
U S	14,490	14,120	13,500	17,550		
	YIELD PER ACRE			PRODUCTION		
	1976 TOTAL	1977 TOTAL	INDICATED 1978 CONTRACT	1976 TOTAL	1977 TOTAL	INDICATED 1978 CONTRACT
TONS						
N Y	12.01	14.33	16.50	56,450	51,600	84,150
TEX	6.53		7.60	10,450		17,500
WIS	9.27	13.77	12.50	58,400	95,000	92,500
OTH STS 1/	16.96	16.46	16.58	32,050	59,600	45,600
U S	10.86	14.60	13.66	157,350	206,200	239,750

1/ 1976 - CALIF, ILL, IND, MICH, OHIO, OREG AND WASH.
1977 - CALIF, ILL, IND, MICH, OHIO, OREG, TEX AND WASH.
1978 - CALIF, ILL, IND, MICH, OHIO, OREG AND WASH.

SWEET CORN FOR PROCESSING: PRELIMINARY AREA AND INDICATED PRODUCTION, BY STATES,
1978 WITH COMPARISONS

STATE	HARVESTED AREA				INDICATED 1978 CONTRACT		
	1976 TOTAL	1977		1977			
		TOTAL	CONTRACT				
ACRES							
DEL	1,800						
IDAHO	23,600	24,500	24,500		25,700		
ILL	52,600	45,900	45,200		51,000		
IOWA	10,400	9,200	9,200		7,000		
MD	13,700	12,900	12,900		12,600		
MINN	116,500	120,000	120,000		116,000		
N Y	21,000	17,000	16,900		20,900		
OREG		40,900	40,500		39,500		
PA	5,100	5,000	4,900		4,600		
WASH	36,100	31,800	31,700		39,000		
WIS	129,700	130,700	130,300		111,000		
OTH STS 1/	50,480	11,080	11,080		12,120		
U S	460,980	448,980	447,180		439,420		
YIELD PER ACRE							
STATE	YIELD PER ACRE			PRODUCTION			
	1976 TOTAL	1977 TOTAL	INDICATED 1978 CONTRACT	1976 TOTAL	1977		INDICATED 1978 CONTRACT
				TOTAL	TOTAL	CONTRACT	
TONS							
DEL	3.61			6,500			
IDAHO	6.90	5.77	7.00	162,850	141,300	141,300	179,900
ILL	4.64	4.91	5.10	244,250	225,350	221,850	260,100
IOWA	3.99	5.04	5.60	41,450	46,350	46,350	39,200
MD	3.65	3.53	4.30	50,000	45,550	45,550	54,200
MINN	4.32	5.40	5.60	503,200	648,000	648,000	649,600
N Y	3.94	5.68	4.50	82,750	96,500	96,000	94,050
OREG		7.38	8.00		301,700	299,500	316,000
PA	3.42	3.34	3.30	17,450	16,700	16,600	15,200
WASH	6.26	6.31	6.80	226,000	200,650	199,950	265,200
WIS	4.19	4.56	4.50	543,850	596,000	594,300	499,500
OTH STS 1/	7.03	3.26	4.52	354,800	36,100	36,100	54,750
U S	4.84	5.24	5.52	2,233,100	2,354,200	2,345,500	2,427,700

1/ 1976 - IND, OREG, TEX, UTAH, VA AND W VA.
1977-78 - DEL, IND, TEX, UTAH, VA AND W VA.

TOMATOES FOR PROCESSING: PRELIMINARY AREA AND INDICATED PRODUCTION, BY STATES,
1978 WITH COMPARISONS

STATE	HARVESTED AREA						
	1976 TOTAL	1977		INDICATED 1978 CONTRACT			
		TOTAL	CONTRACT				
ACRES							
CALIF	233,800	276,400	274,500	232,000			
COLO	650	640	640	800			
IND	12,700	12,500	12,000	9,700			
MD	4,300	4,000	2,800	3,500			
MICH	4,000	4,100	3,700	4,200			
N J	9,300	8,000	7,300	6,400			
N MEX	900	900	900	670			
OHIO	22,300	20,900	20,300	20,100			
PA	6,200	5,800	5,700	3,400			
TEX	4,000	2,000	2,000	3,000			
VA	3,500	3,600	3,500	3,800			
OTH STS 1/	7,310	7,520	5,300	5,190			
U S	308,960	346,360	338,640	292,760			
	YIELD PER ACRE			PRODUCTION			
	1976	1977	INDICATED	1976	1977		INDICATED
	TOTAL	TOTAL	1978 CONTRACT	TOTAL	TOTAL	CONTRACT	1978 CONTRACT
TONS							
CALIF	21.67	24.13	24.00	5,066,450	6,669,550	6,623,700	5,568,000
COLO	16.85	10.94	15.00	10,950	7,000	7,000	12,000
IND	18.43	13.85	18.00	234,050	173,100	165,500	174,600
MD	11.40	11.49	12.40	49,000	45,950	32,300	43,400
MICH	18.63	15.49	14.50	74,500	63,500	58,100	60,900
N J	18.95	15.15	15.00	176,250	121,200	110,650	96,000
N MEX	10.00	11.00	10.00	9,000	9,900	9,900	6,700
OHIO	23.33	19.94	19.00	520,250	416,750	404,950	381,900
PA	20.40	19.70	17.00	126,500	114,250	111,550	57,800
TEX	11.21	10.20	8.50	44,850	20,400	20,400	25,500
VA	12.67	8.07	9.50	44,350	29,050	28,200	36,100
OTH STS 1/	15.81	13.63	16.31	115,600	102,500	79,400	84,650
U S	20.95	22.44	22.36	6,471,750	7,773,150	7,651,650	6,547,550

1/ 1976-78 - ARK, DEL, ILL, IOWA, KY, LA, N Y, N C, UTAH AND W VA.

