

Vegetables



**United States
Department of
Agriculture**

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Processing Vegetable Production Up 24 Percent From Last Year Record Tomato and Sweet Corn Production Forecast

Processing vegetable production for the 4 major crops on contract is forecast at 16.5 million tons, up 24 percent from 1993 and 26 percent greater than 1992. Forecast production of tomatoes, at 11.7 million tons, if realized, would be a record high and 22 percent greater than last year. Sweet corn production, estimated at a record high 3.59 million tons, was 32 percent greater than 1993. Snap bean production is predicted to be 16 percent greater than in 1993 and green pea production was forecast as being up 42 percent from last year. Acreage for harvest, at 1.35 million acres, was up 14 percent from last year.

Record Onion Production Forecast

Storage onion production (excluding California) is forecast at a record high 35.3 million cwt, up 15 percent from 1993 and 11 percent above 1992. Total annual production of onions is forecast at a record high 63.3 million cwt, up 11 percent from last year and 16 percent above two years ago.

For information call David Mueller at (202) 720-6054. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Snap Beans: Processors expect to harvest 740,110 tons of snap beans, up 16 percent from last year and up 20 percent from the contracted production in 1992. The increase in production was due to a 9 percent increase in harvested acres and a .22 ton per acre increase in yields from 1993. Ideal growing conditions in Wisconsin and Minnesota promoted outstanding growth and good yields. The large crop in Wisconsin is straining processing facilities, and may cause some of the crop to go unharvested. In Michigan, some mold and excessive moisture problems were reported. Cool temperatures in August caused the Michigan harvest to be a little bit behind normal. Generally, the Michigan crop is in good condition. In California, harvest was in progress with fair to very good yields reported.

Sweet Corn: Expected sweet corn production is forecast at a record high 3.59 million tons, up 32 percent from 1993 and 10 percent more than the contracted production in 1992. The increased production was due to a 9 percent increase in harvested acreage and a record high yield of 6.99 tons per acre, 1.23 tons per acre greater than 1993. Favorable weather allowed good growth and above average yields in Wisconsin, Minnesota, and Michigan. Cool weather in August delayed crop maturity and slowed harvest progress in the upper Midwest. In Idaho, harvest was underway but was not expected to be completed until early October.

Tomatoes: Tomato production is forecast at a record high 11.7 million tons, up 22 percent from last year and 36 percent greater than the contracted production in 1992. An 11 percent increase in harvested acreage and a record high yield of 34.82 tons per acre accounted for the increase. California's processing production is forecast at 11.0 million tons, an increase of 24 percent from 1993. The weather has been favorable and has contributed to the large crop this year. Problems with bacterial speck were kept under control early and did not affect yields. Early season fields had high yields. As the harvest progressed, yields have declined slightly, but overall remain above normal. Quality for most of the State has been good. In Michigan, the crop has been 7 to 10 days late because of cool temperatures and lack of sunshine in August.

Processing Vegetables: Area Harvested and Production
by Crop, United States, 1992-94
(Domestic Units)

Crop	Area Harvested			
	1992 Total	1993		Indicated 1994
		Total	Contract 1/	Contract 1/
Acres				
All Processing				
Snap Beans	192,390	193,530	187,350	204,580
Sweet Corn	486,670	471,480	470,580	513,300
Green Peas 2/	332,820	228,600	216,500	291,170
Tomatoes	273,910	307,470	304,090	336,230
Total	1,285,790	1,201,080	1,178,520	1,345,280
Cucumbers for Pickles 3/	102,510	109,150	89,860	
Total 5 Vegetables	1,388,300	1,310,230	1,268,380	
Production				
	1992 Total	1993		Indicated 1994
		Total	Contract 1/	Contract 1/
Tons				
All Processing				
Snap Beans	645,830	652,030	636,800	740,110
Sweet Corn	3,254,020	2,717,740	2,712,350	3,586,150
Green Peas 2/	569,400	351,780	334,500	474,490
Tomatoes	8,777,430	9,676,540	9,587,390	11,705,880
Total	13,246,680	13,398,090	13,271,040	16,506,630
Cucumbers for Pickles 3/	558,070	586,980	485,770	
Total 5 Vegetables	13,804,750	13,985,070	13,756,810	

1/ Includes acreage from major brokers.

2/ Carried forward from earlier forecast.

3/ Cucumbers for pickles will be published in the January annual.

Processing Vegetables: Area Harvested and Production
by Crop, United States, 1992-94
(Metric Units)

Crop	Area Harvested			
	1992 Total	1993		Indicated 1994
		Total	Contract 1/	Contract 1/
Hectares				
All Processing				
Snap Beans	77,860	78,320	75,820	82,790
Sweet Corn	196,950	190,800	190,440	207,730
Green Peas 2/	134,690	92,510	87,620	117,830
Tomatoes	110,850	124,430	123,060	136,070
Total	520,350	486,060	476,940	544,420
Cucumbers for Pickles 3/	41,480	44,170	36,370	
Total 5 Vegetables:	561,830	530,230	513,310	
Production				
	1992 Total	1993		Indicated 1994
		Total	Contract 1/	Contract 1/
Metric Tons				
All Processing				
Snap Beans	585,890	591,510	577,690	671,410
Sweet Corn	2,952,000	2,465,490	2,460,590	3,253,280
Green Peas 2/	516,550	319,130	303,450	430,450
Tomatoes	7,962,750	8,778,410	8,697,490	10,619,340
Total	12,017,190	12,154,540	12,039,220	14,974,480
Cucumbers for Pickles 3/	506,270	532,500	440,680	
Total 5 Vegetables:	12,523,460	12,687,040	12,479,900	

1/ Includes acreage from major brokers.

2/ Carried forward from earlier forecast.

3/ Cucumbers for pickles will be published in the January annual.

**Snap Beans for Processing: Area Harvested, Yield, and Production
by State and United States, 1992-94**

State	Area Harvested						
	1992			1993		Indicated 1994	
	Total			Total	Contract 1/		Contract 1/
	Acres						
IL	13,900			12,500	12,300		15,000
IN	2,800			2,400	2,400		3,700
MI	21,000			22,000	19,000		20,500
NY	17,600			16,900	16,500		17,700
OR	22,500			22,100	22,100		22,200
PA	6,000			6,500	5,900		6,200
TN	4,000			3,900	3,100		3,100
WI	66,200			73,900	73,900		69,300
Oth Sts 2/	38,390			33,330	32,150		46,880
US	192,390			193,530	187,350		204,580
	Yield per Acre			Production			
	Indicated			1993		Indicated	
	1992	1993	1994	1992	1994		
	Total	Total	Contract 1/	Total	Total	Contract 1/	Contract 1/
Tons							
IL	3.54	3.28	3.10	49,210	41,000	40,320	46,500
IN	3.31	3.95	2.95	9,270	9,480	9,480	10,920
MN	3.30	3.20	3.20	69,300	70,400	62,800	65,600
NY	2.45	3.20	3.55	43,120	54,080	52,670	62,840
OR	5.53	5.53	6.60	124,430	122,210	122,210	146,520
PA	2.52	2.21	2.50	15,120	14,370	13,190	15,500
TN	1.78	1.70	1.30	7,120	6,630	5,350	4,030
WI	3.20	3.19	3.60	211,840	235,740	235,740	249,480
Oth Sts 2/	3.03	2.94	2.96	116,420	98,120	95,040	138,720
US	3.36	3.37	3.62	645,830	652,030	636,800	740,110

1/ Includes acreage from major brokers.

2/ 1992 - AZ, AR, CA, DE, FL, GA, ID, IA, MD, MN, MO, NJ, NC, OH, OK, SC, TX, UT, VA, and WA.

1993-94 - AZ, AR, CA, DE, FL, GA, ID, MD, MN, MO, NJ, NC, OH, OK, SC, TX, UT, VA, AND WA.

**Sweet Corn for Processing: Area Harvested, Yield, and Production
by State and United States, 1992-94**

State	Area Harvested						
	1992			1993		Indicated	
	1994						
	Total	Contract 1/		Total	Contract 1/	Total	Contract 1/
Acres							
DE	6,600						
ID	20,100		20,500	20,500			16,400
IL	38,900		35,800	35,800			37,000
MD	5,900		4,700	4,600			10,800
MI	7,200		7,000	7,000			6,500
MN	125,000		109,300	109,100			126,500
NY	30,800		30,800	30,200			32,400
OR	43,300		44,800	44,800			46,100
PA	1,800		2,600	2,600			2,600
WA	57,400		64,400	64,400			69,000
WI	138,600		133,500	133,500			145,000
Oth Sts 2/	11,070		18,080	18,080			21,000
US	486,670		471,480	470,580			513,300
Yield per Acre : Production							
	1992			1993		Indicated	
	1994						
	Total	Contract 1/		Total	Contract 1/	Total	Contract 1/
	Tons						
DE	6.02			39,730			
ID	7.99	8.20	8.40	160,600	168,100	168,100	137,760
IL	5.83	5.11	6.20	226,790	182,940	182,940	229,400
MD	5.99	5.46	5.30	35,340	25,660	25,410	57,240
MI	6.00	6.30	7.00	43,200	44,100	44,100	45,500
MN	6.32	3.85	6.40	790,000	420,810	419,810	809,600
NY	5.50	6.90	6.25	169,400	212,520	208,380	202,500
OR	9.04	8.65	9.40	391,430	387,520	387,520	433,340
PA	8.45	7.35	6.00	15,210	19,110	19,110	15,600
WA	8.92	9.12	8.70	512,010	587,330	587,330	600,300
WI	5.74	4.41	6.40	795,560	588,740	588,740	928,000
Oth Sts 2/	6.75	4.90	6.04	74,750	80,910	80,910	126,910
US	6.69	5.76	6.99	3,254,020	2,717,740	2,712,350	3,586,150

1/ Includes acreage from major brokers.
1992 - IN, IA, OH, and VA.
1993 - AZ, CA, DE, IN, IA, NJ, AND OH.
1994 - CA, DE, IN, IA, NJ, and OH.

Tomatoes for Processing: Area Harvested, Yield, and Production
by State and United States, 1992-94

State	Area Harvested						
	1992			1993			Indicated
	Total			Total			1994
	Contract 1/			Contract 1/			Contract 1/
Acres							
CA	240,000		274,000		272,000		310,000
CO	130		170		170		200
IN	6,600		7,100		6,900		6,600
MI	5,700		6,500		6,100		4,300
OH	14,500		13,900		13,700		11,600
PA	1,200		1,000		1,000		900
Oth Sts 2/	5,780		4,800		4,220		2,630
US	273,910		307,470		304,090		336,230
Yield per Acre : Production							
1992		1993		1993		Indicated	
Total		Total		Total		1994	
Contract 1/		Contract 1/		Contract 1/		Contract 1/	
Tons							
CA	33.05	32.67	35.50	7,932,000	8,951,580	8,890,240	11,005,000
CO	10.00	11.18	20.00	1,300	1,900	1,900	4,000
IN	24.78	20.74	26.00	163,550	147,250	143,800	171,600
MI	32.00	28.00	30.00	182,400	182,000	170,000	129,000
OH	25.84	21.70	27.30	374,680	301,630	297,290	316,680
PA	28.50	20.90	23.00	34,200	20,900	20,900	20,700
Oth Sts 2/	15.45	14.85	22.40	89,300	71,280	63,260	58,900
US	32.04	31.47	34.82	8,777,430	9,676,540	9,587,390	11,705,880

1/ Includes acreage from major brokers.
1992-1993 - DE, FL, IL, MD, NJ, NY, SC, TX, and VA.
1994 - DE, FL, IL, MD, NJ, NY, SC, and VA.

**All Onions Up 11 Percent: Spring Up 26,
Storage Up 15, California Down 2 Percent**

Onions: Annual production of onions (including all seasons) is forecast at a record high 63.3 million cwt, up 11 percent from last year. Acreage for harvest, at 160,050 acres, is up 6 percent, while the yield per acre of 396 cwt, is up 17 cwt.

Storage Onions: Production of summer storage onions (excluding California) is forecast at a record high 35.3 million cwt, up 15 percent from last year and 11 percent above two years ago. Harvest area is estimated at 80,650 acres, a 9 percent gain from last year. The average forecast yield of 438 cwt per acre, is up 20 cwt.

Harvest in the West is on time in some areas, but slightly early in other areas this year. Hot, dry summer weather limited sizing and pushed maturity in some areas. *Colorado's sizes are above average because of thin stands, but hot* growing weather has reduced yield prospects. Utah's harvest has been pushed about a week early because of hot weather. The heat has also limited sizes and reduced yield potential. Idaho's onion harvest is right on schedule with about 30 percent dug. Hot summer temperatures slowed growth and caused tops to fall over early. Oregon's yields are less than surrounding States. Washington growers, in early harvest, are finding a nice quality crop but sizes are smaller than normal. Minnesota and Wisconsin had a good season after last year's rain-out. Harvest in Michigan is underway with nice size and good quality, although heavy rains hurt some fields. New York's yields are down 10 cwt from last year but acreage is up. California's onion production is forecast at 12.7 million cwt, down 2 percent from last year. Area for harvest, at 31,000 acres, is down 6 percent. Yields, at 410 cwt per acre, are up 15 cwt from last year.

Spring Onions: The season end report of spring onions places production at a record high 10.3 million cwt, up 26 percent from last year and 25 percent above 1992. Area harvested was up 16 percent from last year and yields were up 23 cwt per acre. The 1994 spring onion crop was valued at \$120 million, down 36 percent from last year.

Onions: Area Planted and Harvested, Yield, Production,
and Value, Selected States, 1993-94

Crop and State	Area				Yield per Acre	
	Planted		Harvested		1993	1994
	1993	1994	1993	1994		
	Acres				Cwt	
Onions						
Spring						
AZ	1.400	1.700	1.300	1.600	485	440
CA	8.500	7.200	7.500	6.700	440	440
GA	8.700	11.000	8.300	10.300	180	190
TX	14.400	18.700	13.500	16.800	205	280
Total	33.000	38.600	30.600	35.400	268	291
	Production		Value			
	1993	1994	Per Cwt		Total	
			1993	1994	1993	1994
	--- 1,000 Cwt ---		---- Dollars ---		1,000 Dollars	
Onions						
Spring						
AZ	631	704	16.40	7.04	10,342	4,956
CA	3,300	2,948	18.00	8.05	59,400	23,731
GA	1,494	1,957	29.70	20.70	44,372	40,510
TX	2,768	4,704	26.20	10.70	72,522	50,333
Total	8,193	10,313	22.80	11.60	186,636	119,530

Onions: Yield, and Production by Season, Type,
and State, 1992-94

Season and State	Area			Yield per Acre		
	Harvested		For Harvest 1994	1992	1993	1994
	1992	1993				
	Acres			Cwt		
Spring	31,200	30,600	35,400	264	268	291
Summer						
Non-Storage <u>1/</u>	12,700	13,400	13,000	341	376	386
Storage						
CO	14,000	15,500	17,000	390	370	380
ID & OR-Mal	19,200	19,700	21,000	610	540	610
MI	7,200	7,100	7,200	340	310	290
MN	950	110	860	300	200	390
NY	12,200	12,000	12,300	360	310	300
OH	480	470	490	240	350	255
OR - Other	4,200	5,800	7,000	410	420	420
UT	2,000	1,800	2,100	525	440	460
WA	8,300	9,500	10,700	470	490	480
WI	1,800	1,700	2,000	430	255	380
Subtotal	70,330	73,680	80,650	453	418	438
CA <u>2/</u>	27,500	33,000	31,000	375	395	410
Summer Total	110,530	120,080	124,650	421	407	425
US	141,730	150,680	160,050	386	379	396
	Production					
	1992		1993		1994	
	1,000 Cwt					
Spring	8,229		8,193		10,313	
Summer						
Non-Storage <u>1/</u>	4,330		5,036		5,012	
Storage						
CO	5,460		5,735		6,460	
ID & OR-Mal	11,712		10,638		12,810	
MI	2,448		2,201		2,088	
MN	285		22		335	
NY	4,392		3,720		3,690	
OH	115		165		125	
OR - Other	1,722		2,436		2,940	
UT	1,050		792		966	
WA	3,901		4,655		5,136	
WI	774		434		760	
Subtotal	31,859		30,798		35,310	
CA <u>2/</u>	10,313		13,035		12,710	
Summer Total	46,502		48,869		53,032	
US	54,731		57,062		63,345	

^{1/} Carried forward from earlier forecast.

^{2/} Primarily for processing.

The next "Vegetables" report will be released at 3 p.m. ET on October 14, 1994.

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