
Vegetables



National
Agricultural
Statistics
Service
Fact Finding
for Agriculture

United States
Department of
Agriculture

Agricultural
Statistics
Board

Washington, D.C.

RELEASED: January 9, 1989
3:00 P.M. ET

1988 PRELIMINARY
ACREAGE, YIELD AND PRODUCTION

FRESH MARKET VEGETABLE PRODUCTION UP 3 PERCENT AND VALUE UP 6 PERCENT

Production of the 10 principal fresh market vegetables and melons estimated in 1988 totaled 226 million hundredweight, 3 percent more than in 1987, according to the Agricultural Statistics Board. The crop was harvested from 1.11 million acres, fractionally more than the area harvested in 1987.

The 10 principal vegetables and melons harvested during 1988 had a total value of 3.63 billion dollars, a 6 percent increase over the previous year.

PROCESSING VEGETABLE PRODUCTION DOWN 8 PERCENT

Processing vegetable production totaled 11.9 million tons in 1988, down 8 percent from 1987. Total value of \$1.03 billion, 5 percent below 1987.

Harvested area for the 5 principal crops (snap beans, sweet corn, cucumbers for pickles, green peas, and tomatoes), at 1.34 million acres, was up 2 percent.

* NOTICE *
* *
* Requests for a subscription order form covering all available reports *
* should be directed to Agricultural Statistics Board Publications, Room *
* 5829-South Building, USDA, Washington, D.C. 20250. (202) 447-4021. *
* *
* This report and other statistical, economic, marketing and news reports *
* are available electronically as soon as possible following release *
* through USDA's EDI SERVICE. For more information, call or write: *
* Russell Forte, (202) 447-5505, OGPA, USDA, Washington, D.C. 20250. *
* *
* The next issue of this report will be published March 8, 1989 *

CONTENTS

FRESH MARKET

UNITED STATES SUMMARY:

ACREAGE, YIELD,
PRODUCTION AND/OR VALUE

	PAGE
BY CROPS:	
Area	4
Production and Value	4
BY STATES:	
Area	6
Production and Value.....	7
PRINCIPAL VEGETABLES AND MELONS:	
Celery	8
Corn, Sweet	9-10
Honeydew Melons	11
Lettuce	12-13
Onions	14-15
Tomatoes	16-17
DUAL USAGE CROPS: (FRESH MARKET AND PROCESSING)	
Asparagus	18-19
Broccoli	20-21
Carrots	22-24
Cauliflower	25-26
OTHER CROPS:	
Strawberries:	
Total	27-28
For Fresh Market	29-30
For Processing	29-30

PROCESSING

UNITED STATES SUMMARY:

BY CROPS:

Area	32
Production and Value	32
Area and Production by type of Procurement	44

BY STATES:

Area	34
Production and Value	35

PRINCIPAL VEGETABLES:

Beans, Snap	36-37
Corn, Sweet	38-39
Cucumbers	40-41
Peas, Green	42
Tomatoes	43

FRESH MARKET VEGETABLES

Production of the 10 principal fresh market vegetables and melons for 1988 was 226 million cwt, up 3 percent from 1987. The crop was harvested from 1.11 million acres and had a value of 3.63 billion dollars.

Harvested acreage decreased in 1988 for broccoli, carrots, cauliflower and sweet corn 2, 1, 3 and 7 percent respectively.

All crops increased in value except cauliflower and onions. However, the price declined from 1987 to 1988, for onions and strawberries.

LEADING FRESH MARKET STATES

The five leading States in production of fresh vegetables and melons during 1988 in order of total output were California, Florida, Arizona, Texas, and Oregon accounting for 78 percent of the production. California, Florida, Arizona, Michigan, and Texas accounted for 75 percent of the harvested area. California, Florida, Arizona, Texas, and New York accounted for 81 percent of the value of the 10 fresh market vegetables and melons estimated in the United States.

LEADING FRESH MARKET VEGETABLE STATES IN 1988

RANK	AREA HARVESTED		PRODUCTION		VALUE	
	PERCENT		PERCENT		PERCENT	
	STATE	OF TOTAL	STATE	OF TOTAL	STATE	OF TOTAL
1	CALIF	47.0	CALIF	49.4	CALIF	45.6
2	FLA	12.9	FLA	14.1	FLA	18.4
3	ARIZ	5.8	ARIZ	6.9	ARIZ	10.0
4	MICH	4.8	TEX	4.2	TEX	3.6
5	TEX	4.8	OREG	3.6	N Y	3.1

PRINCIPAL VEGETABLES FOR FRESH MARKET
BY CROPS, ANNUAL 1/
(DOMESTIC UNITS)

CROP	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ASPARAGUS 2/	98,780	101,940	102,420	96,180	99,840	100,910
BROCCOLI 2/	119,400	120,500	117,800	119,100	120,200	117,600
CARROTS 2/	92,600	95,920	95,300	86,100	93,120	92,300
CAULIFLOWER 2/	69,500	67,100	65,300	67,800	66,100	64,100
CELERY	35,570	34,840	37,490	33,340	33,940	35,980
SWEET CORN	201,200	204,000	200,400	184,600	189,600	176,800
HONEYDEWS	29,300	32,100	31,300	28,800	28,600	31,200
LETTUCE	220,470	225,120	234,060	215,960	221,320	229,960
ONIONS	124,100	129,820	131,690	115,340	123,720	125,650
TOMATOES	132,000	133,250	139,350	127,110	129,600	134,980
10 VEGETABLES: AND MELONS	1,122,920	1,144,590	1,155,110	1,074,330	1,106,040	1,109,480
STRAWBERRY 2/	45,150	45,250	45,970	44,350	44,620	44,950
	PRODUCTION			VALUE		
	1986	1987	1988	1986	1987	1988
	1,000 CWT.			1,000 DOLLARS		
ASPARAGUS 2/	2,230	2,347	2,422	136,969	135,704	152,108
BROCCOLI 2/	11,529	11,432	10,861	239,739	238,846	245,834
CARROTS 2/	23,434	25,539	24,578	235,942	215,870	248,433
CAULIFLOWER 2/	7,527	7,375	6,784	191,863	187,555	176,404
CELERY	17,614	17,847	17,899	211,065	198,617	213,065
SWEET CORN	15,018	15,400	14,356	208,921	198,277	213,532
HONEYDEWS	5,438	4,811	5,241	69,132	69,293	75,703
LETTUCE	58,622	58,103	62,847	701,341	856,815	954,521
ONIONS	43,301	44,997	45,951	427,669	503,666	411,304
TOMATOES	31,554	31,838	34,845	792,376	830,059	934,360
10 VEGETABLES: AND MELONS	216,267	219,689	225,784	3,215,017	3,434,702	3,625,264
STRAWBERRY 2/	10,193	11,117	11,669	503,641	549,050	537,289

1/ INCLUDES HAWAII. 2/ INCLUDES PROCESSING TOTAL FOR DUAL USAGE CROPS.

PRINCIPAL VEGETABLES FOR FRESH MARKET
BY CROPS, ANNUAL 1/
(METRIC UNITS)

CROP	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	HECTARES					
ASPARAGUS 2/	39 980	41 250	41 450	38 920	40 400	40 840
BROCCOLI 2/	48 320	48 770	47 670	48 200	48 640	47 590
CARROTS 2/	37 470	38 820	38 570	34 840	37 680	37 350
CAULIFLOWER 2/	28 130	27 150	26 430	27 440	26 750	25 940
CELERY	14 390	14 100	15 170	13 490	13 740	14 560
SWEET CORN	81 420	82 560	81 100	74 710	76 730	71 550
HONEYDEWS	11 860	12 990	12 670	11 660	11 570	12 630
LETTUCE	89 220	91 100	94 720	87 400	89 570	93 060
ONIONS	50 220	52 540	53 290	46 680	50 070	50 850
TOMATOES	53 420	53 920	56 390	51 440	52 450	54 630
10 VEGETABLES: AND MELONS	454 430	463 200	467 460	434 780	447 600	449 000
STRAWBERRY 2/	18 270	18 310	18 600	17 950	18 060	18 190
	PRODUCTION					
	1986	1987	1988			
	METRIC TONS					
ASPARAGUS 2/	101 150	106 460	109 860			
BROCCOLI 2/	522 940	518 540	492 640			
CARROTS 2/	1 062 940	1 158 420	1 114 830			
CAULIFLOWER 2/	341 420	334 520	307 720			
CELERY	798 950	809 520	811 880			
SWEET CORN	681 200	698 530	651 170			
HONEYDEWS	246 660	218 220	237 730			
LETTUCE	2 659 040	2 635 490	2 850 680			
ONIONS	1 964 090	2 041 020	2 084 290			
TOMATOES	1 431 260	1 444 140	1 580 530			
10 VEGETABLES: AND MELONS	9 809 650	9 964 860	10 241 330			
STRAWBERRY 2/	462 340	504 260	529 290			

1/ INCLUDES HAWAII. 2/ INCLUDES PROCESSING TOTAL FOR DUAL USAGE CROPS.

PRINCIPAL VEGETABLES FOR FRESH MARKET
BY STATES, ANNUAL 1/

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ALA	9,300	10,200	8,200	7,800	9,000	6,600
ARIZ	54,100	58,200	64,900	53,800	58,200	64,900
ARK	1,600	1,000	1,100	1,600	1,000	1,100
CALIF	501,800	514,700	521,100	501,400	514,600	521,000
COLO	19,400	21,400	22,200	17,900	20,300	20,800
CONN	5,000	5,000	5,000	4,600	4,400	4,000
FLA	147,600	148,000	149,600	134,600	141,300	142,600
GA	3,300	3,000	3,000	2,700	2,900	2,900
HAW	860	770	590	860	770	590
IDAHO	7,100	7,800	7,700	7,000	7,700	7,600
ILL	5,300	5,300	6,820	5,100	5,000	5,620
IND	2,700	2,400	1,900	2,500	2,200	1,500
LA	410	400	410	380	370	380
MD	2,780	3,140	2,900	2,580	2,740	2,690
MASS	9,450	8,800	8,910	8,990	7,680	7,770
MICH	59,500	62,300	60,500	49,100	56,200	53,600
MINN	4,100	4,530	4,330	3,850	4,350	3,900
N J	25,000	24,020	22,900	23,800	22,720	21,000
N MEX	8,700	8,900	10,200	7,600	8,300	9,200
N Y	51,370	53,190	51,990	47,770	49,090	45,530
N C	6,500	6,300	6,000	6,100	6,000	5,700
OHIO	22,200	23,740	19,360	20,860	22,320	16,000
OREG	23,500	24,300	25,100	23,000	23,900	24,500
PA	21,700	21,200	22,700	20,800	18,800	18,100
S C	4,100	3,600	3,700	4,000	3,600	3,700
TENN	5,300	4,800	4,900	5,000	4,600	4,600
TEX	58,700	55,400	55,900	52,800	48,000	53,100
UTAH	1,500	1,800	1,900	1,400	1,700	1,800
VA	5,600	5,500	5,300	5,300	5,200	5,100
WASH	48,200	49,700	50,300	45,900	48,400	49,100
WIS	6,250	5,200	5,700	5,240	4,700	4,500
U S	1,122,920	1,144,590	1,155,110	1,074,330	1,106,040	1,109,480

SEE FOOTNOTE ON PAGE 7 .

PRINCIPAL VEGETABLES FOR FRESH MARKET
BY STATES, ANNUAL 1/

STATE	PRODUCTION			VALUE		
	1986	1987	1988	1986	1987	1988
	1,000 CWT.			1,000 DOLLARS		
ALA	580	763	532	7,970	11,125	9,233
ARIZ	12,976	15,382	15,685	166,842	207,985	362,332
ARK	400	290	319	8,960	9,193	13,877
CALIF	110,876	108,514	111,512	1,573,865	1,665,808	1,653,189
COLO	6,172	6,405	7,187	65,452	66,431	70,327
CONN	359	312	264	6,283	4,711	5,095
FLA	26,967	28,009	31,756	604,042	653,485	666,910
GA	270	319	522	5,319	8,039	11,641
HAW	154	140	114	5,113	4,900	4,932
IDAHO	3,710	4,620	4,028	37,934	37,638	36,663
ILL	333	354	348	3,943	4,366	6,235
IND	175	202	169	4,391	5,175	5,226
LA	38	44	46	1,368	1,967	2,024
MD	483	483	341	7,920	11,059	11,454
MASS	917	764	760	20,810	18,221	17,369
MICH	5,130	6,466	6,080	72,169	79,178	87,476
MINN	704	753	394	6,842	6,452	4,931
N J	2,483	2,303	1,754	38,734	35,353	31,819
N MEX	2,535	2,889	3,396	27,399	39,518	28,483
N Y	7,226	7,172	6,152	105,508	110,817	112,338
N C	499	533	454	6,904	6,901	7,334
OHIO	2,886	2,558	1,571	44,158	35,056	23,449
OREG	7,521	8,543	8,141	85,713	84,691	86,742
PA	1,406	1,421	1,412	22,589	21,541	26,397
S C	1,200	882	1,480	19,800	17,816	26,936
TENN	1,050	828	828	21,000	19,044	23,184
TEX	9,880	7,693	9,503	121,513	143,462	129,395
UTAH	469	825	594	4,325	5,872	4,590
VA	746	806	1,428	18,934	17,235	43,504
WASH	6,064	7,330	7,479	84,089	88,069	101,753
WIS	2,058	2,086	1,535	15,128	13,594	10,426
U S	216,267	219,689	225,784	3,215,017	3,434,702	3,625,264

1/ INCLUDES PROCESSING TOTAL FOR DUAL USAGE CROPS (ASPARAGUS, BROCCOLI, CARROTS AND CAULIFLOWER).

CELERY FOR FRESH MARKET

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
CALIF-S CST	12,000	11,400	12,600	11,700	11,400	12,600
CALIF-C CST	9,800	10,000	9,800	9,700	9,900	9,700
FLA	9,500	9,000	9,100	8,400	8,600	8,000
MICH	3,300	3,400	3,200	2,600	3,100	3,100
N Y	470	490	490	470	490	430
OHIO	500	550	400	470	450	350
TEX 1/			1,900			1,800
U S	35,570	34,840	37,490	33,340	33,940	35,980
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
CALIF-S CST	570	560	465	6,669	6,384	5,859
CALIF-C CST	620	635	620	6,014	6,287	6,014
FLA	415	420	450	3,486	3,612	3,600
MICH	400	370	380	1,040	1,147	1,178
N Y	410	410	400	193	201	172
OHIO	450	480	400	212	216	140
TEX 1/			520			936
U S	528	526	497	17,614	17,847	17,899
	VALUE					
	PER CWT.			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
CALIF-S CST	11.50	12.10	10.80	77,009	77,498	63,509
CALIF-C CST	11.80	9.36	11.30	70,755	58,850	67,782
FLA	12.30	12.00	13.50	42,878	43,344	48,600
MICH	14.00	11.50	13.70	14,521	13,142	16,142
N Y	16.30	17.70	21.10	3,146	3,558	3,629
OHIO	13.00	10.30	13.50	2,756	2,225	1,890
TEX 1/			12.30			11,513
U S	12.00	11.10	11.90	211,065	198,617	213,065

1/ ESTIMATES BEGUN WITH 1988 CROP.

SWEET CORN FOR FRESH MARKET

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ALA	5,500	6,000	4,500	5,000	5,500	3,500
CALIF	15,000	16,000	18,000	15,000	16,000	18,000
COLO	3,500	3,600	3,700	3,400	3,500	3,600
CONN	5,000	5,000	5,000	4,600	4,400	4,000
FLA	56,600	55,800	57,100	47,400	52,000	53,100
ILL	4,000	4,600	6,000	3,800	4,300	4,800
MASS	8,800	8,200	8,300	8,400	7,100	7,200
MICH	13,300	13,300	12,500	11,700	11,500	9,000
N J	12,600	12,000	11,500	12,200	11,300	10,000
N Y	26,500	29,200	27,800	24,700	27,200	24,800
N C	4,700	4,700	4,400	4,500	4,500	4,300
OHIO	16,000	16,500	12,800	15,400	16,000	10,500
OREG	2,400	2,500	2,600	2,300	2,400	2,500
PA	17,300	16,600	17,600	16,600	14,300	13,200
TEX	4,000	4,200	3,100	3,800	4,000	3,000
VA	2,800	2,600	2,300	2,600	2,400	2,100
WASH	3,200	3,200	3,200	3,200	3,200	3,200
U S	201,200	204,000	200,400	184,600	189,600	176,800
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ALA	60	75	50	300	413	175
CALIF	100	95	90	1,500	1,520	1,620
COLO	165	135	140	561	473	504
CONN	78	71	66	359	312	264
FLA	93	90	100	4,408	4,680	5,310
ILL	85	80	70	323	344	336
MASS	94	90	91	790	639	655
MICH	60	62	60	702	713	540
N J	80	80	62	976	904	620
N Y	71	77	70	1,754	2,094	1,736
N C	54	70	60	243	315	258
OHIO	82	80	55	1,263	1,280	578
OREG	120	115	120	276	276	300
PA	48	49	55	797	701	726
TEX	50	50	50	190	200	150
VA	74	50	80	192	120	168
WASH	120	130	130	384	416	416
U S	81	81	81	15,018	15,400	14,356

SWEET CORN FOR FRESH MARKET

STATE	VALUE						
	PER CWT.			TOTAL			
	1986	1987	1988	1986	1987	1988	
	DOLLARS			1,000 DOLLARS			
ALA	10.70	12.70	14.00	3,210	5,245	2,450	
CALIF	16.10	13.30	15.40	24,150	20,216	24,948	
COLO	8.30	8.85	9.40	4,656	4,186	4,738	
CONN	17.50	15.10	19.30	6,283	4,711	5,095	
FLA	14.30	14.00	14.20	63,034	65,520	75,402	
ILL	10.10	10.60	16.10	3,262	3,646	5,410	
MASS	17.50	15.80	17.70	13,825	10,096	11,594	
MICH	10.50	10.20	16.90	7,371	7,273	9,126	
N J	14.40	13.50	16.70	14,054	12,204	10,354	
N Y	13.30	10.40	14.30	23,328	21,778	24,825	
N C	12.40	9.59	12.70	3,013	3,021	3,277	
OHIO	13.50	13.00	11.60	17,051	16,640	6,705	
OREG	18.60	18.20	22.40	5,134	5,023	6,720	
PA	15.20	14.50	16.80	12,114	10,165	12,197	
TEX	6.00	12.00	14.00	1,140	2,400	2,100	
VA	15.80	19.00	18.20	3,034	2,280	3,058	
WASH	11.10	9.31	13.30	4,262	3,873	5,533	
U S	13.90	12.90	14.90	208,921	198,277	213,532	

HONEYDEW FOR FRESH MARKET

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ARIZ	2,900	3,400	2,400	2,800	3,400	2,400
CALIF	19,000	20,600	21,300	19,000	20,600	21,300
TEX	7,400	8,100	7,600	7,000	4,600	7,500
U S	29,300	32,100	31,300	28,800	28,600	31,200
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	160	135	175	448	459	420
CALIF	200	180	170	3,800	3,708	3,621
TEX	170	140	160	1,190	644	1,200
U S	189	168	168	5,438	4,811	5,241
	VALUE					
	PER CWT.			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
ARIZ	12.40	11.90	17.30	5,555	5,462	7,266
CALIF	11.00	11.90	13.20	41,800	44,125	47,797
TEX	18.30	30.60	17.20	21,777	19,706	20,640
U S	12.70	14.40	14.40	69,132	69,293	75,703

LETTUCE FOR FRESH MARKET

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ARIZ-WESTERN	32,100	35,200	42,000	32,100	35,200	42,000
ARIZ-OTHER	6,500	5,700	7,000	6,300	5,700	7,000
CALIF	145,500	149,500	153,400	145,500	149,500	153,400
COLO	2,900	3,200	3,300	2,500	3,000	2,300
FLA	15,700	15,000	12,400	14,200	13,300	11,500
MICH	1,300	1,400	1,300	1,200	1,000	800
N J	3,100	2,800	2,800	2,600	2,600	2,600
N MEX	3,600	3,300	3,400	2,900	2,900	2,800
N Y	3,700	3,600	3,100	3,100	3,400	2,600
OHIO	1,000	1,300	1,600	900	1,000	1,400
TEX	2,600	2,400	2,000	2,300	2,000	1,800
WASH	1,200	1,200	1,400	1,200	1,200	1,400
WIS	650			540		
TOTAL	219,850	224,600	233,700	215,340	220,800	229,600
HAWAII	620	520	360	620	520	360
U S	220,470	225,120	234,060	215,960	221,320	229,960
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ-WESTERN	280	330	285	8,988	11,616	11,970
ARIZ-OTHER	245	200	225	1,544	1,140	1,575
CALIF	290	265	285	42,195	39,618	43,719
COLO	245	265	280	613	795	644
FLA	160	155	200	2,272	2,062	2,300
MICH	200	215	175	240	215	140
N J	165	140	170	429	364	442
N MEX	250	270	230	725	783	644
N Y	200	200	180	620	680	468
OHIO	110	130	120	99	130	168
TEX	190	195	220	437	390	396
WASH	180	200	240	216	240	336
WIS	290			157		
TOTAL	272	263	274	58,535	58,033	62,802
HAWAII	140	135	125	87	70	45
U S	271	263	273	58,622	58,103	62,847

LETTUCE FOR FRESH MARKET

STATE	VALUE						
	PER CWT.			TOTAL			
	1986	1987	1988	1986	1987	1988	
	DOLLARS			1,000 DOLLARS			
ARIZ-WESTERN	11.80	11.50	25.40	106,058	133,584	304,038	
ARIZ-OTHER	12.40	19.70	9.90	19,146	22,458	15,593	
CALIF	11.50	15.10	12.30	485,243	598,232	537,744	
COLO	10.00	17.40	10.70	6,130	13,833	6,891	
FLA	18.50	21.20	21.40	42,032	43,714	49,220	
MICH	16.70	20.20	18.90	4,008	4,343	2,646	
N J	12.70	13.30	11.60	5,448	4,841	5,127	
N MEX	14.00	11.20	7.82	10,150	8,770	5,036	
N Y	13.60	14.90	14.60	8,432	10,132	6,833	
OHIO	33.80	44.30	35.00	3,346	5,759	5,880	
TEX	10.20	14.50	22.10	4,457	5,655	8,752	
WASH	14.70	14.90	15.30	3,175	3,576	5,141	
WIS	8.60			1,350			
TOTAL	11.90	14.70	15.20	698,975	854,897	952,901	
HAWAII	27.20	27.40	36.00	2,366	1,918	1,620	
U S	12.00	14.70	15.20	701,341	856,815	954,521	

ONIONS

STATE AND SEASON	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
SPRING						
ARIZ	1,200	1,300	1,200	1,200	1,300	1,200
CALIF	7,800	8,200	8,200	7,800	8,200	8,200
TEX	15,000	13,800	14,500	12,000	12,500	14,000
TOTAL	24,000	23,300	23,900	21,000	22,000	23,400
SUMMER						
NON-STORAGE						
N MEX	5,100	5,600	6,800	4,700	5,400	6,400
TEX	5,900	5,900	5,100	5,300	4,700	4,100
WASH	1,600	1,700	1,800	1,300	1,400	1,600
TOTAL	12,600	13,200	13,700	11,300	11,500	12,100
STORAGE						
COLO	11,800	13,300	13,800	10,800	12,500	13,500
IDAHO	7,100	7,800	7,700	7,000	7,700	7,600
MICH	8,000	8,000	8,500	5,700	7,600	8,000
MINN	700	730	730	650	650	600
N Y	13,300	12,900	13,200	12,800	11,600	11,000
OHIO	500	490	560	490	470	550
OREG-MALHEUR	8,600	9,300	10,300	8,500	9,200	10,100
OREG-WEST	3,300	3,600	3,700	3,200	3,600	3,600
UTAH	1,500	1,800	1,900	1,400	1,700	1,800
WASH	4,400	5,000	5,300	4,400	5,000	5,300
WIS	1,400	1,400	1,600	1,200	1,200	1,300
TOTAL	60,600	64,320	67,290	56,140	61,220	63,350
CALIF 2/	26,900	29,000	26,800	26,900	29,000	26,800
SUMMER	100,100	106,520	107,790	94,340	101,720	102,250
U S	124,100	129,820	131,690	115,340	123,720	125,650
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
SPRING						
ARIZ	550	450	375	660	585	450
CALIF	370	390	375	2,886	3,198	3,075
TEX	300	220	230	3,600	2,750	3,220
TOTAL	340	297	288	7,146	6,533	6,745
SUMMER						
NON-STORAGE						
N MEX	385	390	430	1,810	2,106	2,752
TEX	290	170	210	1,537	799	861
WASH	330	380	400	429	532	640
TOTAL	334	299	351	3,776	3,437	4,253
STORAGE						
COLO	425	375	410	4,590	4,688	5,535
IDAHO	530	600	530	3,710	4,620	4,028
MICH	290	250	250	1,653	1,900	2,000
MINN	320	300	210	208	195	126
N Y	270	270	240	3,456	3,132	2,640
OHIO	345	295	300	169	139	165
OREG-MALHEUR	530	600	530	4,505	5,520	5,353
OREG-WEST	450	420	360	1,440	1,512	1,296
UTAH	335	485	330	469	825	594
WASH	420	460	430	1,848	2,300	2,279
WIS	315	280	270	378	336	351
TOTAL	399	411	385	22,426	25,167	24,367
CALIF 2/	370	340	395	9,953	9,860	10,586
SUMMER	383	378	383	36,155	38,464	39,206
U S	375	364	366	43,301	44,997	45,951

ONIONS

STATE AND SEASON	VALUE					
	PER CWT.			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
SPRING						
ARIZ	8.78	20.50	7.50	5,795	11,993	3,375
CALIF	10.30	17.60	9.71	29,726	56,285	29,858
TEX	9.74	25.30	12.00	35,064	69,575	38,640
TOTAL	9.88	21.10	10.70	70,585	137,853	71,873
SUMMER						
NON-STORAGE						
N MEX	9.53	14.60	8.52	17,249	30,748	23,447
TEX	11.70	10.40	11.40	17,983	8,310	9,815
WASH	9.55	12.90	10.70	4,097	6,863	6,848
TOTAL	10.40	13.40	9.43	39,329	45,921	40,110
STORAGE						
COLO	13.00	11.50	12.30	48,750	45,000	54,464
IDAHO	12.10	10.20	11.10	37,934	37,638	36,663
MICH	13.00	12.70	12.00	14,989	18,898	18,504
MINN	11.50	10.50	10.40	2,151	1,838	1,144
N Y	15.80	18.90	17.80	44,677	51,163	40,199
OHIO	14.30	15.10	16.40	2,202	1,797	2,427
OREG-MALHEUR	12.10	10.20	11.10	45,786	44,962	48,718
OREG-WEST	13.40	13.20	12.00	16,616	16,315	12,600
UTAH	10.60	8.27	9.00	4,325	5,872	4,590
WASH	12.90	10.60	10.60	19,673	20,479	19,621
WIS	11.50	10.30	11.50	3,887	3,090	3,680
TOTAL	13.00	11.90	12.20	240,990	247,052	242,610
CALIF 2/	7.87	7.64	5.52	76,765	72,840	56,711
SUMMER	11.10	10.90	9.86	357,084	365,813	339,431
U S	10.90	12.50	9.99	427,669	503,666	411,304

ONIONS: SUMMER STORAGE ONIONS, SHRINKAGE AND LOSS

STATE	1986	1987	1988
	1,000 CWT.		
COLO	840	775	1,107
IDAHO	575	930	725
MICH	500	412	458
MINN	21	20	16
N Y	622	424	385
OHIO	15	20	17
OREG-MALHEUR	721	1,112	964
OREG-WEST	200	276	246
UTAH	61	115	84
WASH	323	368	428
WIS	40	36	31
SUBTOTAL	3,918	4,488	4,461
CALIF 2/	200	320	320
U S	4,118	4,808	4,781

1/ INCLUDES SOME QUANTITIES OF STORAGE CROP ONIONS HARVESTED BUT NOT SOLD BE-
CAUSE OF SHRINKAGE AND WASTE. 2/ SUMMER PRIMARILY PROCESSING.

TOMATOES FOR FRESH MARKET

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ALA	3,800	4,200	3,700	2,800	3,500	3,100
ARK	1,600	1,000	1,100	1,600	1,000	1,100
CALIF - DES	1,400	1,100	1,200	1,400	1,100	1,200
CALIF-OTHER	27,200	27,500	30,500	27,200	27,500	30,500
FLA	52,800	55,600	58,300	52,300	55,300	57,800
GA	3,300	3,000	3,000	2,700	2,900	2,900
IND	1,300	1,400	1,500	1,100	1,200	1,100
LA	410	400	410	380	370	380
MD	2,600	3,000	2,700	2,400	2,600	2,500
MASS	650	600	610	590	580	570
MICH	3,400	3,300	3,100	3,000	2,800	2,400
N J	6,400	6,400	6,000	6,200	6,100	5,800
N Y	2,400	2,300	2,500	2,200	2,100	2,400
N C	1,800	1,600	1,600	1,600	1,500	1,400
OHIO	2,800	2,900	2,900	2,500	2,700	2,200
PA	4,400	4,500	5,100	4,200	4,500	4,900
S C	4,100	3,600	3,700	4,000	3,600	3,700
TENN	5,300	4,800	4,900	5,000	4,600	4,600
TEX	3,300	2,800	3,300	3,000	2,600	3,200
VA	2,800	2,900	3,000	2,700	2,800	3,000
TOTAL	131,760	133,000	139,120	126,870	129,350	134,750
HAWAII	240	250	230	240	250	230
U S	132,000	133,250	139,350	127,110	129,600	134,980
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ALA	100	100	115	280	350	357
ARK	250	290	290	400	290	319
CALIF - DES	230	220	295	322	242	354
CALIF-OTHER	280	290	235	7,616	7,975	7,168
FLA	305	300	335	15,952	16,590	19,363
GA	100	110	180	270	319	522
IND	150	160	150	165	192	165
LA	100	120	120	38	44	46
MD	200	185	135	480	481	338
MASS	215	215	185	127	125	105
MICH	95	90	85	285	252	204
N J	110	95	70	682	580	406
N Y	130	150	160	286	315	384
N C	160	145	140	256	218	196
OHIO	270	155	125	675	419	275
PA	145	160	140	609	720	686
S C	300	245	400	1,200	882	1,480
TENN	210	180	180	1,050	828	828
TEX	80	100	100	240	260	320
VA	205	245	420	554	686	1,260
TOTAL	248	246	258	31,487	31,768	34,776
HAWAII	280	280	300	67	70	69
U S	248	246	258	31,554	31,838	34,845

TOMATOES FOR FRESH MARKET

STATE	VALUE						
	PER CWT.			TOTAL			
	1986	1987	1988	1986	1987	1988	
	DOLLARS			1,000 DOLLARS			
ALA	17.00	16.80	19.00	4,760	5,880	6,783	
ARK	22.40	31.70	43.50	8,960	9,193	13,877	
CALIF - DES	29.80	30.90	30.90	9,596	7,478	10,939	
CALIF-OTHER	22.50	21.30	30.30	171,360	169,868	217,190	
FLA	27.90	29.50	24.80	445,061	489,405	480,202	
GA	19.70	25.20	22.30	5,319	8,039	11,641	
IND	23.00	23.50	30.00	3,795	4,512	4,950	
LA	36.00	44.70	44.00	1,368	1,967	2,024	
MD	16.00	22.70	33.00	7,680	10,919	11,154	
MASS	55.00	65.00	55.00	6,985	8,125	5,775	
MICH	21.90	20.30	34.00	6,242	5,116	6,936	
N J	23.10	25.70	32.50	15,754	14,906	13,195	
N Y	29.90	32.80	61.40	8,551	10,332	23,578	
N C	15.20	17.80	20.70	3,891	3,880	4,057	
OHIO	25.70	18.10	21.40	17,348	7,584	5,885	
PA	17.20	15.80	20.70	10,475	11,376	14,200	
S C	16.50	20.20	18.20	19,800	17,816	26,936	
TENN	20.00	23.00	28.00	21,000	19,044	23,184	
TEX	24.10	25.70	25.30	5,784	6,682	8,096	
VA	28.70	21.80	32.10	15,900	14,955	40,446	
TOTAL	25.10	26.00	26.80	789,629	827,077	931,048	
HAWAII	41.00	42.60	48.00	2,747	2,982	3,312	
U S	25.10	26.10	26.80	792,376	830,059	934,360	

ASPARAGUS FOR FRESH MARKET AND PROCESSING

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
CALIF	37,800	39,700	40,100	37,800	39,700	40,100
ILL	1,300	700	820	1,300	700	820
MICH	21,000	23,000	23,000	20,500	22,000	22,500
N J	2,000	1,900	1,700	1,900	1,800	1,700
WASH	32,000	32,000	33,000	30,000	31,000	32,000
OTH STS 1/	4,680	4,640	3,800	4,680	4,640	3,790
U S	98,780	101,940	102,420	96,180	99,840	100,910
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
CALIF	29	30	29	1,096	1,191	1,163
ILL	8	14	15	10	10	12
MICH	12	11	11	246	242	248
N J	19	18	20	36	32	34
WASH	26	26	28	780	806	896
OTH STS 1/	13	14	18	62	66	69
U S	23	24	24	2,230	2,347	2,422
	VALUE					
	PER CWT.			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
CALIF	68.90	62.80	71.70	75,513	74,746	83,431
ILL	68.10	72.00	68.80	681	720	825
MICH	58.20	58.60	59.00	14,311	14,170	14,636
N J	64.60	65.30	66.50	2,326	2,090	2,261
WASH	52.10	49.90	52.70	40,612	40,257	47,198
OTH STS 1/	56.90	56.40	54.40	3,526	3,721	3,757
U S	61.40	57.80	62.80	136,969	135,704	152,108

1/ 1986-88 IN, MD, MN, OR.

ASPARAGUS FOR FRESH MARKET AND PROCESSING

STATE AND UTILIZATION	PRODUCTION					
	1986		1987		1988	
	1,000 CWT.					
FRESH MARKET						
CALIF	990			1,055		
MICH	48			40	42	
N J	36			32	34	
WASH	290			237	252	
OTH STS 1/	23			24	1,153	
U S	1,387			1,388	1,481	
	TONS					
PROCESSING						
CALIF	5,300			6,780		
MICH	9,880			10,100	10,300	
WASH	24,500			28,440	32,200	
OTH STS 1/	2,400			2,560	4,530	
U S	42,080			47,880	47,030	
CANNING	29,330			33,150	32,930	
FREEZING	12,750			14,730	14,100	
	VALUE					
	PER UNIT			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS PER CWT.			1,000 DOLLARS		
FRESH MARKET						
CALIF	72.10	66.10		71,379	69,736	
MICH	67.60	66.40	68.90	3,245	2,656	2,894
N J	64.60	65.30	66.50	2,326	2,090	2,261
WASH	67.30	63.30	62.20	19,517	15,002	15,674
OTH STS 1/	64.10	67.40	72.50	1,474	1,618	83,558
U S	70.60	65.60	70.50	97,941	91,102	104,387
	DOLLARS PER TON					
PROCESSING						
CALIF	780.00	739.00		4,134	5,010	
MICH	1,120.00	1,140.00	1,140.00	11,066	11,514	11,742
WASH	861.00	888.00	979.00	21,095	25,255	31,524
OTH STS 1/	1,139.00	1,103.00	983.00	2,733	2,823	4,455
U S	928.00	932.00	1,015.00	39,028	44,602	47,721
CANNING	925.00	944.00	997.00	27,133	31,284	32,816
FREEZING	933.00	904.00	1,057.00	11,895	13,318	14,905
1/ 1986 - 87 IL, IN, MD, MN, OR. 1988 - CA, IL, IN, MD, MN, OR.						

1/ 1986 - 87 IL, IN, MD, MN, OR. 1988 - CA, IL, IN, MD, MN, OR.

BROCCOLI FOR FRESH MARKET AND PROCESSING

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ARIZ	2,900	4,200	4,300	2,900	4,200	4,300
CALIF	106,400	107,600	104,300	106,400	107,600	104,300
OREG	3,000	3,100	2,800	3,000	3,000	2,800
TEX	7,100	5,600	6,400	6,800	5,400	6,200
U S	119,400	120,500	117,800	119,100	120,200	117,600
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	82	91	91	238	382	391
CALIF	98	96	93	10,427	10,330	9,700
OREG	100	105	91	300	315	255
TEX	83	75	83	564	405	515
U S	97	95	92	11,529	11,432	10,861
	VALUE					
	PER CWT.			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
ARIZ	23.00	21.80	24.80	5,474	8,328	9,697
CALIF	20.50	20.60	22.60	214,030	212,562	219,638
OREG	19.00	19.50	23.20	5,689	6,134	5,909
TEX	25.80	29.20	20.60	14,546	11,822	10,590
U S	20.80	20.90	22.60	239,739	238,846	245,834

BROCCOLI FOR FRESH MARKET AND PROCESSING

STATE AND UTILIZATION	PRODUCTION					
	1986		1987		1988	
	1,000 CWT.					
FRESH MARKET						
ARIZ	238		382		391	
CALIF	7,667		7,830		7,660	
OTH STS 1/	537		399		464	
U S	8,442		8,611		8,515	
	TONS					
PROCESSING						
CALIF	138,000		125,000		102,000	
OTH STS 1/	16,350		16,040		15,280	
U S	154,350		141,040		117,280	
	VALUE					
	PER UNIT			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS PER CWT.			1,000 DOLLARS		
FRESH MARKET						
ARIZ	23.00	21.80	24.80	5,474	8,328	9,697
CALIF	21.40	21.40	23.60	164,074	167,562	180,776
OTH STS 1/	28.20	31.90	25.00	15,117	12,729	11,623
U S	21.90	21.90	23.70	184,665	188,619	202,096
	DOLLARS PER TON			1,000 DOLLARS		
PROCESSING						
CALIF	362.00	360.00	381.00	49,956	45,000	38,862
OTH STS 1/	313.00	326.00	319.00	5,118	5,227	4,876
U S	357.00	356.00	373.00	55,074	50,227	43,738
1/ 1986-88 OR, TX.						

1/ 1986-88 OR, TX.

CARROTS FOR FRESH MARKET AND PROCESSING

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ARIZ	2,400	2,000	1,900	2,400	2,000	1,900
CALIF - DES	11,100	14,000	15,300	11,100	14,000	15,300
CALIF-OTHER	28,900	29,000	30,700	28,900	29,000	30,700
COLO	1,200	1,300	1,400	1,200	1,300	1,400
FLA	13,000	12,600	12,700	12,300	12,100	12,200
MICH	7,400	8,300	7,500	3,700	7,000	6,700
MINN	1,400	1,600	1,700	1,200	1,500	1,400
N Y	1,500	1,200	1,300	1,400	1,200	1,200
OREG	1,100	800	800	1,000	800	800
TEX	12,300	11,800	10,300	11,600	11,500	10,000
WASH	5,800	6,600	5,600	5,800	6,600	5,600
WIS	4,200	3,800	4,100	3,500	3,500	3,200
OTH STS 1/	2,300	2,920	2,000	2,000	2,620	1,900
U S	92,600	95,920	95,300	86,100	93,120	92,300
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	165	200	125	396	400	238
CALIF - DES	260	215	200	2,886	3,010	3,060
CALIF-OTHER	335	330	340	9,682	9,570	10,438
COLO	340	345	360	408	449	504
FLA	69	88	97	849	1,065	1,183
MICH	250	275	255	925	1,925	1,709
MINN	400	360	175	480	540	245
N Y	400	360	350	560	432	420
OREG	460	475	485	460	380	388
TEX	175	190	180	2,030	2,185	1,800
WASH	415	460	520	2,407	3,036	2,912
WIS	435	500	370	1,523	1,750	1,184
OTH STS 1/	414	304	262	828	797	497
U S	272	274	266	23,434	25,539	24,578

SEE FOOTNOTE ON PAGE 23.

CARROTS FOR FRESH MARKET AND PROCESSING

STATE	:	VALUE										
	:	PER CWT.			:	TOTAL						
	:	1986	:	1987	:	1988	:	1986	:	1987	:	1988
	:	DOLLARS			:	1,000 DOLLARS						
ARIZ	:	10.90	:	10.60	:	10.20	:	4,316	:	4,240	:	2,428
CALIF - DES	:	11.50	:	10.60	:	11.40	:	33,287	:	32,013	:	34,946
CALIF-OTHER	:	11.80	:	9.82	:	11.80	:	114,426	:	93,939	:	122,993
COLO	:	14.50	:	7.60	:	8.40	:	5,916	:	3,412	:	4,234
FLA	:	13.00	:	10.80	:	11.40	:	11,037	:	11,502	:	13,486
MICH	:	9.93	:	7.36	:	10.00	:	9,188	:	14,162	:	17,104
MINN	:	7.03	:	5.91	:	9.37	:	3,374	:	3,190	:	2,296
N Y	:	13.00	:	12.90	:	10.70	:	7,266	:	5,555	:	4,503
OREG	:	9.14	:	9.08	:	8.95	:	4,206	:	3,449	:	3,472
TEX	:	8.94	:	8.48	:	9.59	:	18,158	:	18,520	:	17,269
WASH	:	5.10	:	4.29	:	5.98	:	12,270	:	13,021	:	17,412
WIS	:	6.49	:	6.00	:	5.70	:	9,891	:	10,504	:	6,746
OTH STS 1/	:	3.15	:	2.97	:	3.11	:	2,607	:	2,363	:	1,544
U S	:	10.10	:	8.45	:	10.10	:	235,942	:	215,870	:	248,433

1/ 1986-88 NJ, OH.

CARROTS FOR FRESH MARKET AND PROCESSING

STATE AND UTILIZATION	PRODUCTION					
	1986		1987		1988	
	1,000 CWT.					
FRESH MARKET						
ARIZ	396		400		238	
CALIF	10,770		11,420		12,298	
COLO	408		449		504	
FLA	849		1,065		1,183	
MICH	494		1,150		1,044	
MINN	161		245		105	
N Y	280		148		120	
OREG	150		125		124	
TEX	1,750		1,975		1,575	
WASH	481		703		678	
OTH STS 1/	215		220		104	
U S	15,954		17,900		17,973	
	TONS					
PROCESSING						
CALIF	89,900		58,000		60,000	
MICH	21,560		38,760		33,250	
MINN	15,930		14,750		7,000	
N Y	14,000		14,200		15,000	
OREG	15,480		12,750		13,210	
TEX	14,000		10,500		11,250	
WASH	96,300		116,660		111,720	
OTH STS 1/	106,800		116,360		78,850	
U S	373,970		381,980		330,280	
	VALUE					
	PER UNIT			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS PER CWT.			1,000 DOLLARS		
FRESH MARKET						
ARIZ	10.90	10.60	10.20	4,316	4,240	2,428
CALIF	13.00	10.60	12.40	140,431	120,783	152,929
COLO	14.50	7.60	8.40	5,916	3,412	4,234
FLA	13.00	10.80	11.40	11,037	11,502	13,486
MICH	16.10	10.40	14.30	7,953	11,960	14,929
MINN	14.40	10.00	17.00	2,318	2,450	1,785
N Y	22.70	31.80	29.90	6,356	4,706	3,588
OREG	23.20	22.50	22.50	3,480	2,813	2,790
TEX	10.20	9.26	10.80	17,850	18,289	17,010
WASH	17.10	11.90	16.80	8,225	8,366	11,390
OTH STS 1/	23.80	24.10	28.00	5,117	5,302	2,912
U S	13.40	10.80	12.70	212,999	193,823	227,481
	DOLLARS PER TON			1,000 DOLLARS		
PROCESSING						
CALIF	81.00	89.10	83.50	7,282	5,169	5,010
MICH	57.30	56.80	65.40	1,235	2,202	2,175
MINN	66.30	50.20	73.00	1,056	740	511
N Y	65.00	59.80	61.00	910	849	915
OREG	46.90	49.90	51.60	726	636	682
TEX	22.00	22.00	23.00	308	231	259
WASH	42.00	39.90	53.90	4,045	4,655	6,022
OTH STS 1/	69.10	65.00	68.20	7,381	7,565	5,378
U S	61.30	57.70	63.40	22,943	22,047	20,952

1/ 1986-88 NJ, OH, WI.

CAULIFLOWER FOR FRESH MARKET AND PROCESSING

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ARIZ	6,100	6,400	6,100	6,100	6,400	6,100
CALIF	53,000	51,100	48,900	53,000	51,100	48,900
MICH	1,800	1,600	1,400	700	1,200	1,100
N Y - L I	1,700	1,800	1,800	1,600	1,600	1,500
N Y-UPSTATE	1,800	1,700	1,800	1,500	1,500	1,600
OREG	4,000	3,700	3,600	3,900	3,600	3,400
TEX	1,100	800	1,700	1,000	700	1,500
U S	69,500	67,100	65,300	67,800	66,100	64,100
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	115	125	105	702	800	641
CALIF	110	110	105	5,830	5,621	5,135
MICH	55	60	55	39	72	61
N Y - L I	120	100	120	192	160	180
N Y-UPSTATE	110	105	95	165	158	152
OREG	130	140	150	507	504	510
TEX	92	85	70	92	60	105
U S	111	112	106	7,527	7,375	6,784
	VALUE					
	PER CWT.			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
ARIZ	29.20	27.40	31.10	20,498	21,920	19,935
CALIF	25.80	26.20	26.40	150,205	147,156	135,703
MICH	39.50	28.80	39.00	1,539	2,074	2,382
N Y - L I	28.90	25.90	27.70	5,554	4,144	4,986
N Y-UPSTATE	27.60	26.30	24.90	4,554	4,155	3,785
OREG	13.60	14.50	15.00	6,909	7,314	7,633
TEX	28.30	13.20	18.90	2,604	792	1,980
U S	25.50	25.40	26.00	191,863	187,555	176,404

CAULIFLOWER FOR FRESH MARKET AND PROCESSING

STATE AND UTILIZATION	PRODUCTION							
	1986			1987		1988		
	1,000 CWT.							
FRESH MARKET								
ARIZ	702		800		641			
CALIF	4,670		4,661		4,515			
OTH STS 1/	534		467		523			
U S	5,906		5,928		5,679			
	TONS							
PROCESSING								
CALIF	58,000		48,000		31,000			
OTH STS 1/	23,060		24,330		24,280			
U S	81,060		72,330		55,280			
	VALUE							
	PER UNIT				TOTAL			
	1986	1987	1988	1986	1987	1988		
	DOLLARS PER CWT.			1,000 DOLLARS				
FRESH MARKET								
ARIZ	29.20	27.40	31.10	20,498	21,920	19,935		
CALIF	28.50	28.40	27.90	133,095	132,372	125,969		
OTH STS 1/	30.80	28.80	29.90	16,427	13,436	15,626		
U S	28.80	28.30	28.40	170,020	167,728	161,530		
	DOLLARS PER TON			1,000 DOLLARS				
PROCESSING								
CALIF	295.00	308.00	314.00	17,110	14,784	9,734		
OTH STS 1/	205.00	207.00	212.00	4,733	5,043	5,140		
U S	270.00	274.00	269.00	21,843	19,827	14,874		

1/ 1986-88 MI, NY, OR, TX.

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

STATE AND SEASON	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
WINTER						
FLA	5,000	4,900	5,000	4,900	4,900	5,000
TOTAL	5,000	4,900	5,000	4,900	4,900	5,000
SPRING						
ARK	300	250	270	300	220	250
CALIF	15,600	16,800	17,600	15,600	16,800	17,600
LA	550	600	700	550	600	700
MICH	2,500	2,300	2,500	2,400	2,200	2,300
N J	1,000	800	700	900	800	700
N Y	3,400	2,900	2,700	3,300	2,800	2,500
N C	2,200	2,200	2,200	2,100	2,100	2,100
OHIO	1,500	1,400	1,300	1,500	1,400	1,300
OREG	7,500	8,000	8,000	7,300	7,800	7,800
PA	1,400	1,300	1,300	1,400	1,300	1,300
WASH	2,800	2,500	2,400	2,800	2,500	2,400
WIS	1,400	1,300	1,300	1,300	1,200	1,000
TOTAL	40,150	40,350	40,970	39,450	39,720	39,950
U S	45,150	45,250	45,970	44,350	44,620	44,950
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
WINTER						
FLA	185	225	250	907	1,103	1,250
TOTAL	185	225	250	907	1,103	1,250
SPRING						
ARK	60	50	46	18	11	12
CALIF	505	490	490	7,878	8,232	8,624
LA	62	72	75	34	43	53
MICH	60	60	55	144	132	127
N J	42	53	46	38	42	32
N Y	55	57	48	182	160	120
N C	23	22	22	48	46	46
OHIO	38	52	56	57	73	73
OREG	87	120	130	635	936	1,014
PA	34	42	43	48	55	56
WASH	50	96	92	140	240	221
WIS	49	37	41	64	44	41
TOTAL	235	252	261	9,286	10,014	10,419
U S	230	249	260	10,193	11,117	11,669

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

		VALUE						
		PER CWT.			TOTAL			
STATE		1986	1987	1988	1986	1987	1988	
		DOLLARS			1,000 DOLLARS			
WINTER								
FLA		55.30	60.80	59.10	50,157	67,062	73,875	
	TOTAL	55.30	60.80	59.10	50,157	67,062	73,875	
SPRING								
ARK		50.00	48.00	44.00	900	528	528	
CALIF		48.90	49.50	45.10	385,245	407,657	388,998	
LA		57.00	50.00	56.00	1,938	2,150	2,968	
MICH		44.20	47.20	47.90	6,366	6,226	6,081	
N J		54.30	68.00	72.20	2,063	2,856	2,310	
N Y		41.90	56.90	73.10	7,626	9,104	8,772	
N C		50.50	49.20	49.20	2,424	2,263	2,263	
OHIO		61.00	61.00	69.00	3,477	4,453	5,037	
OREG		45.80	33.70	31.00	29,107	31,520	31,423	
PA		87.30	82.60	99.50	4,190	4,543	5,572	
WASH		46.40	34.10	30.90	6,500	8,180	6,838	
WIS		57.00	57.00	64.00	3,648	2,508	2,624	
	TOTAL	48.80	48.10	44.50	453,484	481,988	463,414	
U S		49.40	49.40	46.00	503,641	549,050	537,289	

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

STATE AND UTILIZATION	PRODUCTION		
	1986	1987	1988
	1,000 CWT.		
FRESH MARKET			
WINTER			
FLA	907	1,103	1,250
TOTAL	907	1,103	1,250
SPRING			
ARK	18	11	12
CALIF	5,804	6,002	6,574
LA	34	43	53
MICH	78	92	87
N J	38	42	32
N Y	182	160	120
N C	48	46	46
OHIO	57	73	73
OREG	50	56	64
PA	48	55	56
WASH	20	25	25
WIS	64	44	41
TOTAL	6,441	6,649	7,183
U S	7,348	7,752	8,433
	1,000 CWT.		
PROCESSING			
SPRING			
CALIF	2,074	2,230	2,050
MICH	66	40	40
OREG	585	880	950
WASH	120	215	196
U S	2,845	3,365	3,236

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

STATE AND UTILIZATION	VALUE					
	PER UNIT			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS PER CWT.			1,000 DOLLARS		
FRESH MARKET						
WINTER						
FLA	55.30	60.80	59.10	50,157	67,062	73,875
TOTAL	55.30	60.80	59.10	50,157	67,062	73,875
SPRING						
ARK	50.00	48.00	44.00	900	528	528
CALIF	58.30	58.00	52.00	338,373	348,116	341,848
LA	57.00	50.00	56.00	1,938	2,150	2,968
MICH	48.10	53.20	52.70	3,752	4,894	4,585
N J	54.30	68.00	72.20	2,063	2,856	2,310
N Y	41.90	56.90	73.10	7,626	9,104	8,772
N C	50.50	49.20	49.20	2,424	2,263	2,263
OHIO	61.00	61.00	69.00	3,477	4,453	5,037
OREG	65.00	60.00	62.00	3,250	3,360	3,968
PA	87.30	82.60	99.50	4,190	4,543	5,572
WASH	55.00	52.00	54.00	1,100	1,300	1,350
WIS	57.00	57.00	64.00	3,648	2,508	2,624
TOTAL	57.90	58.10	53.20	372,741	386,075	381,825
U S	57.60	58.50	54.00	422,898	453,137	455,700
PROCESSING						
SPRING						
CALIF	22.60	26.70	23.00	46,872	59,541	47,150
MICH	39.60	33.30	37.40	2,614	1,332	1,496
OREG	44.20	32.00	28.90	25,857	28,160	27,455
WASH	45.00	32.00	28.00	5,400	6,880	5,488
U S	28.40	28.50	25.20	80,743	95,913	81,589

PROCESSING VEGETABLES DOWN 8 PERCENT

U.S. processors received 11.9 million tons of raw product from nine major vegetable crops in 1988. This is down 8 percent from last year and 3 percent below 1986. Harvested area of the 5 leading crops totaled 1.34 million acres, a gain of 2 percent from 1987, and 8 percent above 1986. Hot, dry weather during the early summer damaged crops and reduced yield potential across Northern States.

Eight of the nine crops produced less than last year: green peas fell 29 percent, cauliflower 24 percent, sweet corn and broccoli 17 percent. Snap beans were off 11 percent and carrots 14 percent, while tomatoes and asparagus were down 3 and 2 percent, respectively. Only cucumbers for pickles showed an increase over last year and that by 2 percent.

Total value at the plant door was \$1.03 billion, down 5 percent from last year and 4 percent below two years ago. Prices were generally higher than a year earlier, except for cauliflower.

The leading processing States are California, Wisconsin, Minnesota, Washington, and Oregon. These 5 States produced 81 percent of the tonnage on 70 percent of the acreage devoted to the 5 leading vegetable crops in the U.S. They also accounted for 73 percent of the value of processed vegetables.

LEADING PROCESSING VEGETABLE STATES IN 1988 1/

RANK	AREA HARVESTED		PRODUCTION		VALUE	
	STATE	PERCENT OF TOTAL	STATE	PERCENT OF TOTAL	STATE	PERCENT OF TOTAL
1	WIS	22.9	CALIF	58.5	CALIF	45.1
2	CALIF	17.8	WIS	7.9	WIS	10.1
3	MINN	15.5	MINN	5.5	OREG	6.5
4	WASH	7.4	WASH	4.7	WASH	5.9
5	OREG	6.5	OREG	4.7	MINN	5.3

1/ SNAP BEANS, SWEET CORN, PEAS, CUCUMBERS FOR PICKLES, AND TOMATOES.

PRINCIPAL VEGETABLES FOR PROCESSING
BY CROPS, ANNUAL
(DOMESTIC UNITS)

CROP	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
BEANS, SNAP	206,300	230,710	238,450	190,560	221,210	223,350
SWEET CORN	432,100	463,330	459,100	413,380	430,920	438,500
CUCUMBERS	112,950	111,590	122,180	110,510	109,630	118,770
PEAS, GREEN	289,320	302,200	294,300	272,420	290,300	285,200
TOMATOES	260,590	263,120	279,070	252,060	257,100	274,920
5 CROPS	1,301,260	1,370,950	1,393,100	1,238,930	1,309,160	1,340,740
	PRODUCTION			VALUE		
	1986	1987	1988	1986	1987	1988
	TONS			1,000 DOLLARS		
BEANS, SNAP	609,400	679,010	601,290	97,262	108,436	100,010
SWEET CORN	2,559,440	2,866,630	2,374,160	150,821	169,984	145,675
CUCUMBERS	639,550	635,450	650,940	113,400	114,374	129,962
PEAS, GREEN	414,880	439,530	311,060	93,781	98,576	73,088
TOMATOES	7,393,290	7,602,000	7,409,920	472,538	449,080	449,797
5 CROPS	11,616,560	12,222,620	11,347,370	927,802	940,450	898,532
ASPARAGUS	42,080	47,880	47,030	39,028	44,602	47,721
BROCCOLI	154,350	141,040	117,280	55,074	50,227	43,738
CARROTS	373,970	381,980	330,280	22,943	22,047	20,952
CAULIFLOWER	81,060	72,330	55,280	21,843	19,827	14,874
4 CROPS	651,460	643,230	549,870	138,888	136,703	127,285
9 CROPS	12,268,020	12,865,850	11,897,240	1,066,690	1,077,153	1,025,817

PRINCIPAL VEGETABLES FOR PROCESSING
BY CROPS, ANNUAL
(METRIC UNITS)

CROP	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	HECTARES					
BEANS, SNAP	83 490	93 370	96 500	77 120	89 520	90 390
SWEET CORN	174 870	187 510	185 790	167 290	174 390	177 460
CUCUMBERS	45 710	45 160	49 450	44 720	44 370	48 070
PEAS, GREEN	117 080	122 300	119 100	110 250	117 480	115 420
TOMATOES	105 460	106 480	112 940	102 010	104 050	111 260
5 CROPS	526 610	554 820	563 780	501 390	529 810	542 600
	PRODUCTION					
	1986	1987	1988			
	METRIC TONS					
BEANS, SNAP	552 840	615 990	545 480			
SWEET CORN	2 321 880	2 600 560	2 153 800			
CUCUMBERS	580 190	576 470	590 520			
PEAS, GREEN	376 370	398 730	282 190			
TOMATOES	6 707 080	6 896 420	6 722 170			
5 CROPS	10 538 360	11 088 170	10 294 160			
ASPARAGUS	38 170	43 440	42 660			
BROCCOLI	140 020	127 950	106 390			
CARROTS	339 260	346 530	299 620			
CAULIFLOWER	73 540	65 620	50 150			
4 CROPS	590 990	583 540	498 820			
9 CROPS	11 129 350	11 671 710	10 792 980			

PRINCIPAL VEGETABLES FOR PROCESSING
BY STATES, ANNUAL 1/

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ALA	3,400	3,250	1,440	2,470	3,230	1,300
ARK	3,250	3,920	5,400	2,850	3,920	5,400
CALIF	229,200	230,400	241,400	222,400	227,000	238,800
COLO	2,430	2,010	2,300	2,150	1,890	2,180
DEL	20,900	21,300	18,100	19,780	20,900	17,500
FLA	6,200	5,250	8,050	5,870	5,150	8,050
GA	2,600	3,000	2,600	2,450	2,800	2,400
IDAHO	28,030	27,630	29,740	26,630	27,230	29,040
ILL	47,600	49,380	59,300	44,200	45,680	56,600
IND	11,100	16,500	19,000	10,400	15,800	16,300
IOWA	4,110	4,500	5,870	4,100	4,290	5,840
MD	16,800	14,500	17,700	16,300	14,200	17,000
MASS	480	400	350	480	400	350
MICH	52,200	53,000	54,200	50,300	51,000	50,200
MINN	208,800	219,250	211,520	202,000	194,430	207,290
N J	10,870	12,890	10,680	10,650	12,680	10,180
N Y	64,280	71,100	67,900	62,530	68,100	65,580
N C	26,140	25,490	26,400	25,740	25,290	26,200
OHIO	20,290	21,570	22,440	19,560	20,770	21,840
OREG	89,800	96,100	87,400	88,300	94,400	87,000
PA	13,300	15,600	15,300	12,800	14,200	13,500
S C	13,760	13,710	11,540	13,630	13,590	11,540
TENN	5,700	5,700	6,660	5,300	5,400	6,060
TEX	11,000	15,500	18,500	10,600	14,300	18,300
UTAH	1,230	2,430	2,400	1,230	2,330	2,300
VA	930	3,550	1,920	910	3,320	1,900
WASH	87,900	89,200	102,000	85,800	88,900	99,600
WIS	306,700	332,600	329,800	278,100	316,900	307,000
OTH STS 2/	12,260	11,220	13,190	11,400	11,060	11,490
U S	1,301,260	1,370,950	1,393,100	1,238,930	1,309,160	1,340,740

PRINCIPAL VEGETABLES FOR PROCESSING
BY STATES, ANNUAL 1/

STATE	PRODUCTION			VALUE		
	1986	1987	1988	1986	1987	1988
	TONS			1,000 DOLLARS		
ALA	3,960	5,240	2,080	815	1,103	408
ARK	4,310	8,560	11,160	784	1,396	1,964
CALIF	6,564,120	6,784,170	6,639,780	420,408	400,084	404,904
COLO	25,390	20,100	28,620	2,755	2,753	2,899
DEL	58,930	58,790	53,070	7,691	7,008	6,155
FLA	39,140	35,780	51,100	7,923	8,404	12,219
GA	6,900	7,570	8,700	1,253	1,374	1,631
IDAHO	174,140	185,540	183,370	12,933	12,866	12,459
ILL	218,590	228,020	188,730	16,861	18,987	19,192
IND	159,440	198,420	189,420	13,655	17,611	18,180
IOWA	37,590	45,400	39,960	2,598	2,913	2,632
MD	94,070	80,680	81,430	9,264	8,725	9,416
MASS	8,500	6,250	6,370	1,054	750	790
MICH	326,320	334,890	284,370	37,722	38,359	33,881
MINN	851,570	857,580	620,580	64,718	66,750	47,481
N J	76,290	80,940	57,560	8,491	8,929	6,795
N Y	233,060	312,180	201,650	24,450	29,291	20,588
N C	82,000	85,210	100,650	15,953	16,703	20,753
OHIO	442,680	415,310	396,080	39,665	34,779	32,970
OREG	517,960	528,390	529,850	55,904	55,397	57,970
PA	73,650	57,400	53,000	6,411	6,261	6,060
S C	47,600	40,650	41,040	8,822	7,668	8,760
TENN	7,580	10,800	9,000	1,508	2,106	1,815
TEX	59,940	68,160	84,360	10,526	13,606	17,784
UTAH	3,330	9,210	7,890	496	1,285	1,081
VA	5,320	9,150	14,600	514	1,173	1,771
WASH	397,060	509,710	538,600	44,138	52,745	52,651
WIS	1,071,760	1,209,860	899,570	105,624	116,578	90,719
OTH STS 2/	25,360	28,660	24,780	4,866	4,846	4,604
U S	11,616,560	12,222,620	11,347,370	927,802	940,450	898,532

1/ EXCLUDES THE DUAL USAGE CROPS (ASPARAGUS, BROCCOLI, CARROTS AND CAULIFLOWER). 2/ 1986 -AZ, KY, ME, MS, MO, NE, NM, OK, SD. 1987 - AZ, KY, ME, MS, MO, NE, NM, OK. 1988 - AZ, KY, LA, ME, MS, MO, OK.

SNAP BEANS FOR PROCESSING

STATE AND UTILIZATION	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
ARK	3,000	3,000	3,600	2,600	3,000	3,600
ILL			9,800			9,500
IND	1,900	5,900	8,400	1,600	5,800	6,200
MICH	18,000	20,000	21,000	17,600	19,500	19,500
MINN		5,900	5,600		5,200	5,400
N Y	26,500	29,400	29,500	25,800	28,600	28,000
OREG	22,500	20,400	21,700	22,300	20,300	21,700
PA	4,600	6,700	7,200	4,500	6,600	6,400
TENN	5,700	5,700	6,600	5,300	5,400	6,000
WASH	1,200	1,100	800	1,200	1,100	800
WIS	88,400	94,300	95,500	77,800	88,700	90,000
OTH STS 1/	34,500	38,310	28,750	31,860	37,010	26,250
U S	206,300	230,710	238,450	190,560	221,210	223,350
CANNING	146,540	163,780	171,520	134,640	155,730	161,090
FREEZING	59,760	66,930	66,930	55,920	65,480	62,260
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	TONS			TONS		
ARK	1.50	2.21	1.78	3,900	6,630	6,410
ILL			3.27			31,070
IND	2.68	2.74	2.85	4,290	15,890	17,670
MICH	2.40	2.20	1.80	42,240	42,900	35,100
MINN		3.35	2.48		17,420	13,390
N Y	2.34	2.47	1.89	60,370	70,640	52,920
OREG	6.22	5.81	5.77	138,710	117,940	125,210
PA	1.99	2.00	1.87	8,960	13,200	11,970
TENN	1.43	2.00	1.40	7,580	10,800	8,400
WASH	4.08	4.51	4.57	4,900	4,960	3,660
WIS	3.18	3.15	2.50	247,400	279,410	225,000
OTH STS 1/	2.86	2.68	2.69	91,050	99,220	70,490
U S	3.20	3.07	2.69	609,400	679,010	601,290
CANNING	3.12	3.04	2.58	420,100	473,980	416,390
FREEZING	3.39	3.13	2.97	189,300	205,030	184,900

SNAP BEANS FOR PROCESSING

STATE AND UTILIZATION	VALUE					
	PER TON			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
ARK	184.00	164.00	186.00	718	1,087	1,190
ILL			179.00			5,562
IND	169.00	190.00	203.00	725	3,019	3,587
MICH	143.00	149.00	149.00	6,040	6,392	5,230
MINN		146.00	138.00		2,543	1,848
N Y	170.00	165.00	161.00	10,263	11,656	8,520
OREG	174.00	178.00	174.00	24,136	20,993	21,787
PA	186.00	195.00	213.00	1,667	2,574	2,550
TENN	199.00	195.00	210.00	1,508	2,106	1,764
WASH	202.00	198.00	193.00	990	982	706
WIS	143.00	143.00	153.00	35,378	39,956	34,425
OTH STS 1/	174.00	173.00	182.00	15,837	17,128	12,841
U S	160.00	160.00	166.00	97,262	108,436	100,010
CANNING	150.00	151.00	159.00	62,903	71,332	66,184
FREEZING	182.00	181.00	183.00	34,359	37,104	33,826
1/ 1986 - AL, CA, DE, FL, GA, ID, IL, MD, MN, MO, NJ, NC, OH, OK, SC, TX, UT.						
1987 - AL, CA, DE, FL, GA, ID, IL, MD, MO, NJ, NC, OH, OK, SC, TX, UT, VA.						
1988 - AL, CA, DE, FL, GA, ID, MD, MO, NJ, NC, OH, OK, SC, TX, UT, VA.						

SWEET CORN FOR PROCESSING

STATE AND UTILIZATION	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
DEL	5,200	5,400	5,300	4,900	5,400	5,300
IDAHO	17,100	17,800	18,800	16,500	17,800	18,200
ILL	32,700	30,700	32,900	31,700	27,600	30,600
MD	7,900	6,500	7,000	7,600	6,300	6,800
MINN	125,400	130,600	128,700	123,500	112,200	125,700
N Y	27,700	29,700	25,600	27,100	27,900	25,000
OREG	35,900	39,300	37,100	34,900	38,900	37,100
PA	3,700	3,800	3,400	3,500	3,000	2,800
WASH	37,300	44,600	49,700	35,300	44,600	49,200
WIS	133,000	147,000	143,100	122,200	140,000	130,300
OTH STS 1/	6,200	7,930	7,500	6,180	7,220	7,500
U S	432,100	463,330	459,100	413,380	430,920	438,500
CANNING	266,520	286,700	291,940	254,880	265,050	276,190
FREEZING	165,580	176,630	167,160	158,500	165,870	162,310
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	TONS			TONS		
DEL	4.77	4.72	4.98	23,370	25,490	26,390
IDAHO	9.01	9.35	9.00	148,670	166,430	163,800
ILL	4.79	5.41	3.78	151,840	149,320	115,670
MD	5.46	5.16	5.04	41,500	32,510	34,270
MINN	5.95	6.50	4.38	734,830	729,300	550,570
N Y	5.12	6.92	3.80	138,750	193,070	95,000
OREG	9.24	8.84	9.18	322,480	343,880	340,580
PA	3.29	3.51	3.71	11,520	10,530	10,390
WASH	8.37	9.02	8.75	295,460	402,290	430,500
WIS	5.37	5.50	4.40	656,210	770,000	573,320
OTH STS 1/	5.63	6.07	4.49	34,810	43,810	33,670
U S	6.19	6.65	5.41	2,559,440	2,866,630	2,374,160
CANNING	5.79	6.18	4.79	1,475,940	1,638,330	1,323,320
FREEZING	6.84	7.41	6.47	1,083,500	1,228,300	1,050,840

SWEET CORN FOR PROCESSING

STATE AND UTILIZATION	VALUE					
	PER TON			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
DEL	47.90	54.60	69.00	1,119	1,392	1,821
IDAHO	58.20	53.40	53.90	8,653	8,887	8,829
ILL	58.60	62.90	70.00	8,898	9,392	8,097
MD	48.20	58.00	62.80	2,000	1,886	2,152
MINN	53.80	56.10	56.10	39,534	40,914	30,887
N Y	60.00	57.00	55.70	8,325	11,005	5,292
OREG	66.60	64.20	71.30	21,477	22,077	24,283
PA	50.30	50.00	52.40	579	527	544
WASH	68.60	67.10	64.80	20,269	26,994	27,908
WIS	57.70	57.50	59.10	37,863	44,275	33,883
OTH STS 1/	60.40	60.10	58.80	2,104	2,635	1,979
U S	58.90	59.30	61.40	150,821	169,984	145,675
CANNING	56.20	56.70	59.80	82,998	92,852	79,187
FREEZING	62.60	62.80	63.30	67,823	77,132	66,488

1/ IN, IA, MI, NJ.

CUCUMBERS FOR PROCESSING

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
CALIF	4,000	4,100	3,800	4,000	4,100	3,800
COLO	1,700	1,300	1,600	1,500	1,300	1,500
FLA	4,700	4,000	6,000	4,400	3,900	6,000
IND	1,200	1,100	1,300	1,200	1,100	1,200
MD	3,300	2,200		3,300	2,200	
MICH	25,000	25,000	25,000	24,000	24,000	23,000
N J	770	560	580	770	560	580
N C	25,700	24,900	26,000	25,300	24,700	25,800
OHIO	4,600	4,800	4,300	4,500	4,500	3,900
OREG	1,900	1,900	2,200	1,900	1,900	2,200
S C	13,400	13,300	11,200	13,300	13,200	11,200
TEX	8,200	9,800	14,100	8,200	9,800	14,100
WASH	1,700	1,700	1,400	1,700	1,700	1,400
WIS	7,300	5,800	6,800	7,200	5,700	6,800
OTH STS 1/	9,480	11,130	17,900	9,240	10,970	17,290
U S	112,950	111,590	122,180	110,510	109,630	118,770
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	TONS			TONS		
CALIF	16.17	15.00	18.16	64,680	61,500	69,010
COLO	9.70	9.62	10.85	14,550	12,510	16,280
FLA	5.50	6.00	6.00	24,200	23,400	36,000
IND	9.88	11.13	9.50	11,860	12,240	11,400
MD	6.39	7.40		21,090	16,280	
MICH	5.80	6.70	5.50	139,200	160,800	126,500
N J	8.47	8.75	6.02	6,520	4,900	3,490
N C	3.20	3.42	3.87	80,960	84,470	99,850
OHIO	12.72	10.40	9.30	57,240	46,800	36,270
OREG	11.90	12.08	12.10	22,610	22,950	26,620
S C	3.44	2.95	3.55	45,750	38,940	39,760
TEX	5.20	4.80	3.80	42,640	47,040	53,580
WASH	9.00	9.98	10.22	15,300	16,970	14,310
WIS	7.50	8.03	6.90	54,000	45,770	46,920
OTH STS 1/	4.22	3.73	4.10	38,950	40,880	70,950
U S	5.79	5.80	5.48	639,550	635,450	650,940

CUCUMBERS FOR PROCESSING

STATE	VALUE					
	PER TON			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
CALIF	200.00	198.00	213.00	12,936	12,177	14,699
COLO	139.00	169.00	123.00	2,022	2,114	2,002
FLA	278.00	316.00	300.00	6,728	7,394	10,800
IND	119.00	160.00	148.00	1,411	1,958	1,687
MD	193.00	203.00		4,070	3,305	
MICH	146.00	139.00	156.00	20,323	22,351	19,734
N J	193.00	194.00	197.00	1,258	951	688
N C	195.00	196.00	206.00	15,787	16,556	20,569
OHIO	192.00	178.00	198.00	10,990	8,330	7,181
OREG	156.00	157.00	177.00	3,527	3,603	4,712
S C	189.00	192.00	216.00	8,647	7,476	8,588
TEX	200.00	236.00	269.00	8,528	11,101	14,413
WASH	160.00	180.00	187.00	2,448	3,055	2,676
WIS	160.00	163.00	187.00	8,640	7,461	8,774
OTH STS 1/	156.00	160.00	189.00	6,085	6,542	13,439
U S	177.00	180.00	200.00	113,400	114,374	129,962

1/ 1986 - AL, AZ, AR, DE, GA, ID, KY, MA, MN, MS, MO, NE, SD. 1987 - AL, AZ, AR, DE, GA, ID, IL, KY, MA, MN, MS, MO, NE, VA. 1988 - AL, AZ, AR, DE, GA, ID, IL, IA, KY, LA, MD, MA, MN, MS, MO, NY, TN, VA.

GREEN PEAS FOR PROCESSING

STATE AND UTILIZATION	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
DEL	10,200	9,700	7,700	9,600	9,700	7,700
MINN	77,300	82,000	76,400	72,700	76,300	75,400
N Y	9,100	10,200	9,800	8,700	9,900	9,700
OREG	29,500	34,500	26,400	29,200	33,300	26,000
WASH	47,700	41,800	50,100	47,600	41,500	48,200
WIS	78,000	85,500	84,400	70,900	82,500	79,900
OTH STS 1/	37,520	38,500	39,500	33,720	37,100	38,300
U S	289,320	302,200	294,300	272,420	290,300	285,200
CANNING	157,250	163,650	153,650	144,180	158,040	149,050
FREEZING	132,070	138,550	140,650	128,240	132,260	136,150
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	TONS			TONS		
DEL	1.61	1.28	1.53	15,460	12,420	11,780
MINN	1.30	1.37	.68	94,510	104,530	51,270
N Y	1.85	1.64	1.20	16,100	16,240	11,640
OREG	1.17	1.31	1.44	34,160	43,620	37,440
WASH	1.71	2.06	1.87	81,400	85,490	90,130
WIS	1.61	1.39	.68	114,150	114,680	54,330
OTH STS 1/	1.75	1.69	1.42	59,100	62,550	54,470
U S	1.52	1.51	1.09	414,880	439,530	311,060
CANNING	1.50	1.43	.85	216,230	226,140	126,810
FREEZING	1.55	1.61	1.35	198,650	213,390	184,250
	VALUE					
	PER TON			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
	1986	1987	1988	1986	1987	1988
DEL	239.00	229.00	180.00	3,695	2,844	2,120
MINN	232.00	214.00	268.00	21,926	22,369	13,740
N Y	281.00	261.00	290.00	4,524	4,239	3,376
OREG	198.00	200.00	192.00	6,764	8,724	7,188
WASH	251.00	254.00	237.00	20,431	21,714	21,361
WIS	208.00	217.00	251.00	23,743	24,886	13,637
OTH STS 1/	215.00	221.00	214.00	12,698	13,800	11,666
U S	226.00	224.00	235.00	93,781	98,576	73,088
CANNING	210.00	211.00	246.00	45,322	47,702	31,190
FREEZING	244.00	238.00	227.00	48,459	50,874	41,898

1/ 1986-87 CA, ID, IL, IA, ME, MD, MI, NJ, PA. 1988 - CA, ID, IL, ME, MD, MI, NJ, PA.

TOMATOES FOR PROCESSING

STATE	AREA PLANTED			AREA HARVESTED		
	1986	1987	1988	1986	1987	1988
	ACRES					
CALIF	216,600	217,000	228,300	210,400	214,000	226,100
COLO	730	710	700	650	590	680
DEL			1,100			1,000
IND	6,800	7,000	7,900	6,400	6,700	7,500
MD	1,900	1,800	2,900	1,800	1,700	2,700
MICH	5,900	5,300	5,600	5,400	5,000	5,200
N J	3,100	3,100	3,400	3,000	2,900	3,300
N Y			2,400			2,300
OHIO	15,400	16,500	17,900	14,800	16,000	17,700
PA	3,100	2,500	2,300	2,900	2,100	2,000
OTH STS 1/	7,060	9,210	6,570	6,710	8,110	6,440
U S	260,590	263,120	279,070	252,060	257,100	274,920
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	TONS			TONS		
CALIF	30.80	31.32	28.96	6,480,320	6,702,480	6,547,860
COLO	16.68	12.86	18.15	10,840	7,590	12,340
DEL			6.72			6,720
IND	21.58	23.41	20.82	138,110	156,850	156,150
MD	13.78	13.19	9.00	24,800	22,420	24,300
MICH	24.70	23.70	21.60	133,380	118,500	112,320
N J	17.42	19.40	12.70	52,260	56,260	41,910
N Y			17.04			39,190
OHIO	26.00	23.00	20.30	384,800	368,000	359,310
PA	17.62	14.14	13.93	51,100	29,690	27,860
OTH STS 1/	17.54	17.29	12.73	117,680	140,210	81,960
U S	29.33	29.57	26.95	7,393,290	7,602,000	7,409,920
	VALUE					
	PER TON			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
CALIF	62.20	57.20	58.90	403,076	383,382	385,669
COLO	67.60	84.20	72.70	733	639	897
DEL			74.10			498
IND	81.10	75.30	80.90	11,201	11,811	12,633
MD	69.60	78.00	74.90	1,726	1,749	1,820
MICH	76.00	69.20	68.20	10,137	8,200	7,660
N J	72.80	72.00	75.00	3,805	4,051	3,143
N Y			76.40			2,994
OHIO	74.30	71.70	71.60	28,591	26,386	25,727
PA	72.50	75.60	75.90	3,705	2,245	2,115
OTH STS 1/	81.30	75.70	81.00	9,564	10,617	6,641
U S	63.90	59.10	60.70	472,538	449,080	449,797

1/ 1986-87 DE, FL, IL, IA, NM, NY, NC, SC, TX, UT, VA. 1988 - FL, IL, IA, SC, TX, VA.

VEGETABLES FOR PROCESSING: AREA AND PRODUCTION BY TYPE OF PROCUREMENT
UNITED STATES, 1987 AND 1988

CROP	AREA				PRODUCTION	
	PLANTED		HARVESTED			
	1987	1988	1987	1988	1987	1988
	ACRES				TONS	
BEANS, SNAP						
CONTRACT	208,870	220,900	200,170	206,300	618,390	564,280
OPEN MARKET	21,840	17,550	21,040	17,050	60,620	37,010
SWEET CORN						
CONTRACT	462,730	458,200	430,320	437,600	2,863,060	2,370,810
OPEN MARKET	600	900	600	900	3,570	3,350
CUCUMBERS						
CONTRACT	92,750	98,410	90,890	96,000	531,860	533,180
OPEN MARKET	18,840	23,770	18,740	22,770	103,590	117,760
PEAS, GREEN						
CONTRACT	300,400	294,300	288,500	285,200	436,870	311,060
OPEN MARKET	1,800		1,800		2,660	
TOMATOES						
CONTRACT	258,610	272,990	252,700	268,960	7,500,450	7,267,130
OPEN MARKET	4,510	6,080	4,400	5,960	101,550	142,790
