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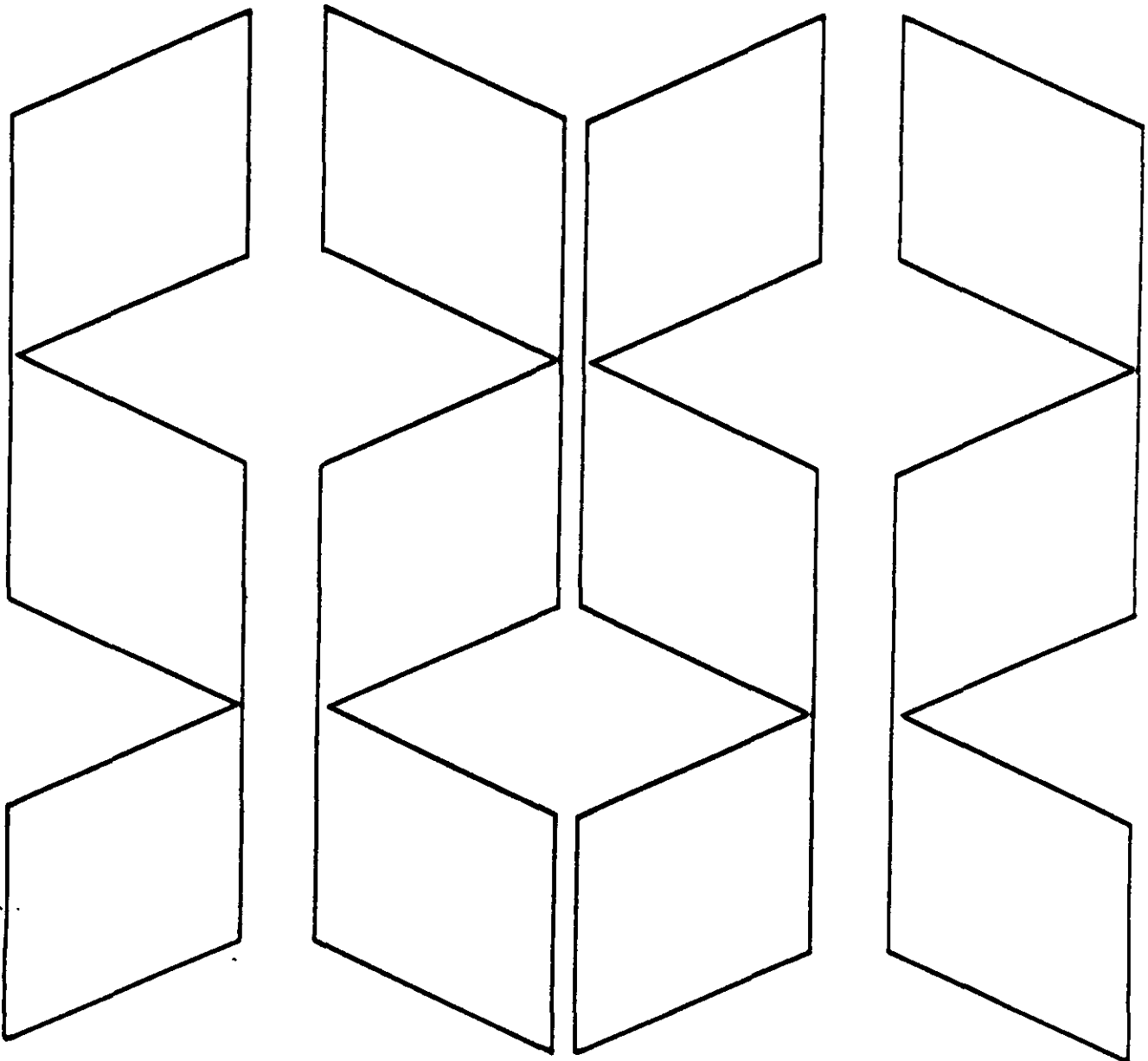
Fact Finding
for Agriculture

June 1989

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Vegetables

1988 Summary



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FRESH MARKET VEGETABLES

Production of the 10 principal fresh market vegetables and melons for 1988 was 250 million cwt, up 3 percent from 1987. The crop was harvested from 1.12 million acres and had a value of 3.94 billion dollars.

Harvested acreage decreased in 1988 for broccoli, carrots, cauliflower and sweet corn, 5, 2, 5, and 8 percent, respectively. The acres harvested for the all other crops increased.

All crops increased in value except carrots and onions. The price declined from 1987 to 1988 for onions, while honeydews and lettuce were unchanged, and the balance increased in price.

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 80 percent of the production. California, Florida, Arizona, Michigan, and Texas accounted for 76 percent of the harvested area. California, Florida, Arizona, Texas, and New York accounted for 82 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	
	STATE	PERCENT OF TOTAL	STATE	PERCENT OF TOTAL	STATE	PERCENT OF TOTAL
1	CALIF	47.6	CALIF	54.2	CALIF	50.3
2	FLA	12.7	FLA	12.5	FLA	16.7
3	ARIZ	5.8	ARIZ	6.3	ARIZ	9.2
4	MICH	4.8	TEX	3.8	TEX	3.2
5	TEX	4.7	OREG	3.3	N Y	2.6

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	114,600	119,100	120,200	114,400
CARROTS 2/	92,600	102,920	100,700	86,100	100,120	97,650
CAULIFLOWER 2/	69,500	67,100	64,300	67,800	66,100	62,800
CELERY	35,570	34,840	35,590	33,340	33,940	33,980
SWEET CORN	201,200	204,000	197,200	184,600	189,600	173,600
HONEYDEWS	29,300	32,100	31,300	28,800	28,600	31,200
LETTUCE	220,470	232,720	240,160	215,960	228,920	236,060
ONIONS	124,100	129,820	137,490	115,340	123,720	132,150
TOMATOES	132,000	134,150	145,370	127,110	130,500	141,000
10 VEGETABLES: AND MELONS	1,122,920	1,160,090	1,169,130	1,074,330	1,121,540	1,123,750
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	12,793	239,739	238,846	292,264
CARROTS 2/	31,074	38,485	32,501	334,617	351,362	344,466
CAULIFLOWER 2/	7,527	7,375	7,874	191,863	187,555	202,378
CELERY	17,614	17,847	19,423	211,065	198,617	230,762
SWEET CORN	15,018	15,400	14,503	208,921	198,277	214,718
HONEYDEWS	5,438	4,811	5,241	69,132	69,293	75,341
LETTUCE	63,715	67,972	71,024	757,970	1,002,379	1,045,161
ONIONS	43,301	45,867	48,264	427,669	511,090	426,293
TOMATOES	31,554	32,099	35,685	792,376	835,618	957,706
10 VEGETABLES: AND MELONS	229,000	243,635	249,730	3,370,321	3,728,741	3,941,197
STRAWBERRY 2/	10,193	11,117	11,669	503,641	549,082	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	46 380	48 200	48 640	46 300
CARROTS 2/	37 470	41 650	40 750	34 840	40 520	39 520
CAULIFLOWER 2/	28 130	27 150	26 020	27 440	26 750	25 410
CELERY	14 390	14 100	14 400	13 490	13 740	13 750
SWEET CORN	81 420	82 560	79 800	74 710	76 730	70 250
HONEYDEWS	11 860	12 990	12 670	11 660	11 570	12 630
LETTUCE	89 220	94 180	97 190	87 400	92 640	95 530
ONIONS	50 220	52 540	55 640	46 680	50 070	53 480
TOMATOES	53 420	54 290	58 830	51 440	52 810	57 060
10 VEGETABLES: AND MELONS	454 430	469 480	473 130	434 780	453 870	454 770
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	580,280			
CARROTS 2/	1 409,490	1,745,640	1,474,210			
CAULIFLOWER 2/	341,420	334,520	357,160			
CELERY	798,950	809,520	881,010			
SWEET CORN	681,200	698,530	657,840			
HONEYDEWS	246,660	218,220	237,730			
LETTUCE	2,890,050	3,083,140	3,221,580			
ONIONS	1,964,090	2,080,480	2,189,210			
TOMATOES	1,431,260	1,455,980	1,618,640			
10 VEGETABLES: AND MELONS	10,387,210	11,051,030	11,307,520			
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	530,200	534,500	501,400	530,100	534,400
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	149,800	134,600	141,300	142,800
GA	3,300	3,000	3,000	2,700	2,900	2,900
HAW	860	770	610	860	770	610
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	46,230
N C	6,500	6,300	6,000	6,100	6,000	5,700
OHIO	22,200	23,740	19,460	20,860	22,320	16,100
OREG	23,500	24,300	25,000	23,000	23,900	24,050
PA	21,700	21,200	22,700	20,800	18,800	18,100
S C	4,100	3,600	3,800	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	50,600	45,900	48,400	49,400
WIS	6,250	5,200	5,700	5,240	4,700	4,500
U S	1,122,920	1,160,090	1,169,130	1,074,330	1,121,540	1,123,750

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	364,087
ARK	400	290	319	8,960	9,193	13,877
CALIF	123,609	132,460	135,267	1,731,109	1,963,305	1,983,466
COLO	6,172	6,405	7,187	65,452	66,431	71,693
CONN	359	312	264	6,283	4,711	5,095
FLA	26,967	28,009	31,262	604,042	653,485	657,907
GA	270	319	522	5,319	8,039	11,641
HAW	154	140	115	5,113	4,900	5,033
IDAHO	3,710	4,620	4,028	37,934	37,638	36,645
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	90,147
MINN	704	753	394	6,842	6,452	4,841
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	6,320	105,508	110,817	104,368
N C	499	533	454	6,904	6,901	7,334
OHIO	2,886	2,558	1,585	42,218	31,598	19,950
OREG	7,521	8,543	8,232	85,713	84,691	86,998
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	9,471	121,513	143,462	128,038
UTAH	469	825	684	4,325	5,872	4,816
VA	746	806	1,428	18,934	17,235	43,504
WASH	6,064	7,330	7,720	84,089	88,069	102,060
WIS	2,058	2,086	1,647	15,128	13,594	11,337
U S	229,000	243,635	249,730	3,370,321	3,728,741	3,941,197

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	11,500	11,700	11,400	11,500
CALIF-C CST	9,800	10,000	8,900	9,700	9,900	8,800
FLA	9,500	9,000	9,200	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	35,590	33,340	33,940	33,980
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT			1,000 CWT		
CALIF-S CST	570	560	615	6,669	6,384	7,073
CALIF-C CST	620	635	705	6,014	6,287	6,204
FLA	415	420	465	3,486	3,612	3,720
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	572	17,614	17,847	19,423
	VALUE					
	PER CWT			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
CALIF-S CST	11.50	12.10	11.00	77,009	77,498	77,646
CALIF-C CST	11.80	9.36	11.30	70,755	58,850	70,094
FLA	12.30	12.00	13.40	42,878	43,344	49,848
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	230,762

1/ ESTIMATES BEGIN 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	15,000	15,000	16,000	15,000
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	2,400	2,300	2,400	2,300
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	197,200	184,600	189,600	173,600
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ALA	60	75	50	300	413	175
CALIF	100	95	130	1,500	1,520	1,950
COLO	165	135	140	561	473	504
CONN	78	71	66	359	312	264
FLA	93	90	97	4,408	4,680	5,151
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	276
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	84	15,018	15,400	14,503

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		15.10		24,150		20,216		29,445	
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		14.10		63,034		65,520		72,629	
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		6,182	
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		14.80		208,921		198,277		214,718	

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	13.10	:	41,800	44,125	47,435
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	75,341

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	157,100	159,500	145,500	157,100	159,500
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	232,200	239,800	215,340	228,400	235,700
HAWAII	620	520	360	620	520	360
U S	220,470	232,720	240,160	215,960	228,920	236,060
	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	325	315	325	47,288	49,487	51,838
COLO	245	265	280	613	795	644
FLA	160	155	205	2,272	2,062	2,358
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	295	297	301	63,628	67,902	70,979
HAWAII	140	135	125	87	70	45
U S	295	297	301	63,715	67,972	71,024

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		11.00		19,146		22,458		17,325
CALIF	:	11.50		15.10		12.20		543,812		747,254		632,424
COLO	:	10.00		17.40		10.70		6,130		13,833		6,891
FLA	:	18.50		21.20		19.90		42,032		43,714		46,924
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	:	14.20		17.70		14.20		1,406		2,301		2,386
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		14.70		755,604		1,000,461		1,043,523
HAWAII	:	27.20		27.40		36.40		2,366		1,918		1,638
U S	:	11.90		14.70		14.70		757,970		1,002,379		1,045,161

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	8,500	7,800	8,200	8,500
TEX	15,000	13,800	14,500	12,000	12,500	14,000
TOTAL	24,000	23,300	24,200	21,000	22,000	23,700
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	11,700
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	5,600	4,400	5,000	5,600
WIS	1,400	1,400	1,600	1,200	1,200	1,300
TOTAL	60,600	64,320	67,590	56,140	61,220	64,350
CALIF 2/	26,900	29,000	32,000	26,900	29,000	32,000
SUMMER	100,100	106,520	113,290	94,340	101,720	108,450
U S	124,100	129,820	137,490	115,340	123,720	132,150
	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	390	2,886	3,198	3,315
TEX	300	220	230	3,600	2,750	3,220
TOTAL	340	297	295	7,146	6,533	6,985
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	2,808
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	380	469	825	684
WASH	420	460	450	1,848	2,300	2,520
WIS	315	280	270	378	336	351
TOTAL	399	411	386	22,426	25,167	24,866
CALIF 2/	370	370	380	9,953	10,730	12,160
SUMMER	383	387	381	36,155	39,334	41,279
U S	375	371	365	43,301	45,867	48,264

ONIONS

STATE AND SEASON	VALUE						
	PER CWT			TOTAL			
	1986	1987	1988	1986	1987	1988	
	DOLLARS			1,000 DOLLARS			
SPRING							
ARIZ	8.78	20.50	7.55	5,795	11,993	3,398	
CALIF	10.30	17.60	9.71	29,726	56,285	32,189	
TEX	9.74	25.30	12.00	35,064	69,575	38,640	
TOTAL	9.88	21.10	10.60	70,585	137,853	74,227	
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 1/							
COLO	13.00	11.50	12.30	48,750	45,000	55,830	
IDAHO	12.10	10.20	10.50	37,934	37,638	36,645	
MICH	13.00	12.70	11.00	14,989	18,898	16,962	
MINN	11.50	10.50	9.58	2,151	1,838	1,054	
N Y	15.80	18.90	16.50	44,677	51,163	38,846	
OHIO	14.30	15.10	16.00	2,202	1,797	2,368	
OREG-MALHEUR	12.10	10.20	10.50	45,786	44,962	48,699	
OREG-WEST	13.40	13.20	10.70	16,616	16,315	11,235	
UTAH	10.60	8.27	8.26	4,325	5,872	4,816	
WASH	12.90	10.60	9.40	19,673	20,479	19,928	
WIS	11.50	10.30	11.50	3,887	3,090	3,680	
TOTAL	13.00	11.90	11.50	240,990	247,052	240,063	
CALIF 2/	7.87	7.75	6.13	76,765	80,264	71,893	
SUMMER	11.10	10.80	9.55	357,084	373,237	352,066	
U S	10.90	12.50	9.72	427,669	511,090	426,293	

ONIONS: SUMMER STORAGE ONIONS, SHRINKAGE AND LOSS

STATE	1986	1987	1988
	1,000 CWT.		
COLO	840	775	996
IDAHO	575	930	538
MICH	500	412	458
MINN	21	20	16
N Y	622	424	454
OHIO	15	20	17
OREG-MALHEUR	721	1,112	715
OREG-WEST	200	276	246
UTAH	61	115	101
WASH	323	368	400
WIS	40	36	31
SUBTOTAL	3,918	4,488	3,972
CALIF 2/	200	375	435
U S	4,118	4,863	4,407

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	1,100	1,400	1,100	1,100
CALIF-OTHER	27,200	28,400	36,400	27,200	28,400	36,400
FLA	52,800	55,600	58,400	52,300	55,300	58,000
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	4,600	5,100	4,200	4,500	4,900
S C	4,100	3,600	3,800	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	133,900	145,120	126,870	130,250	140,750
HAWAII	240	250	250	240	250	250
U S	132,000	134,150	145,370	127,110	130,500	141,000
	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	320	322	242	352
CALIF-OTHER	280	290	235	7,616	8,236	8,554
FLA	305	300	325	15,952	16,590	18,850
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	90	240	260	288
VA	205	245	420	554	686	1,260
TOTAL	248	246	253	31,487	32,029	35,615
HAWAII	280	280	280	67	70	70
U S	248	246	253	31,554	32,099	35,685

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	10,877	
CALIF-OTHER	22.50	21.30	29.60	171,360	175,427	253,198	
FLA	27.90	29.50	25.20	445,061	489,405	475,020	
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	45.40	8,551	10,332	17,434	
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	23.40	5,784	6,682	6,739	
VA	28.70	21.80	32.10	15,900	14,955	40,446	
TOTAL	25.10	26.00	26.80	789,629	832,636	954,311	
HAWAII	41.00	42.60	48.50	2,747	2,982	3,395	
U S	25.10	26.00	26.80	792,376	835,618	957,706	

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 2/	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 2/	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.							
FRESH MARKET	1,000 DOLLARS							
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 2/	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	1,000 DOLLARS							
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 2/	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 -IL, IN, MD, MN, OR,
2/ 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	101,100	106,400	107,600	101,100
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	114,600	119,100	120,200	114,400
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	82	91	91	238	382	391
CALIF	98	96	115	10,427	10,330	11,627
OREG	100	105	93	300	315	260
TEX	83	75	83	564	405	515
U S	97	95	112	11,529	11,432	12,793
	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	22.90	214,030	212,562	265,954
OREG	19.00	19.50	23.20	5,689	6,134	6,023
TEX	25.80	29.20	20.60	14,546	11,822	10,590
U S	20.80	20.90	22.80	239,739	238,846	292,264

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		9,167					
OTH STS 1/	537		399		465					
U S	8,442		8,611		10,023					
	TONS									
PROCESSING										
CALIF	138,000		125,000		123,000					
OTH STS 1/	16,350		16,040		15,480					
U S	154,350		141,040		138,480					
	VALUE									
	PER UNIT			:	TOTAL					
	1986	:	1987	:	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		23.90		164,074		167,562	219,091
OTH STS 1/	28.20		31.90		25.10		15,117		12,729	11,667
U S	21.90		21.90		24.00		184,665		188,619	240,455
	DOLLARS PER TON				1,000 DOLLARS					
PROCESSING										
CALIF	362.00		360.00		381.00		49,956		45,000	46,863
OTH STS 1/	313.00		326.00		320.00		5,118		5,227	4,946
U S	357.00		356.00		374.00		55,074		50,227	51,809

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	12,400	14,500	14,600	12,400	14,500	14,600
CALIF-OTHER	27,600	35,500	36,500	27,600	35,500	36,500
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	1,000	1,000	800	950
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	2,100	2,000	2,620	2,000
U S	92,600	102,920	100,700	86,100	100,120	97,650
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	165	200	125	396	400	238
CALIF - DES	450	475	450	5,580	6,888	6,570
CALIF-OTHER	530	525	400	14,628	18,638	14,600
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	540	460	380	513
TEX	175	190	180	2,030	2,185	1,800
WASH	415	460	520	2,407	3,036	2,912
WIS	435	500	405	1,523	1,750	1,296
OTH STS 1/	414	304	256	828	797	511
U S	361	384	333	31,074	38,485	32,501

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	12.50	10.80	11.60	69,750	74,390	76,212	
CALIF-OTHER	12.10	10.00	11.70	176,638	187,054	171,154	
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	12.50	9,188	14,162	21,317	
MINN	7.03	5.91	9.37	3,374	3,190	2,296	
N Y	13.00	12.90	9.60	7,266	5,555	4,030	
OREG	9.14	9.08	10.50	4,206	3,449	5,373	
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	5.91	9,891	10,504	7,657	
OTH STS 1/	3.15	2.96	3.13	2,607	2,363	1,598	
U S	10.80	9.13	10.60	334,617	351,362	344,466	

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	18,410		24,126		19,650	
COLO	408		449		504	
FLA	849		1,065		1,183	
MICH	494		1,150		1,139	
MINN	161		245		105	
N Y	280		148		100	
OREG	150		125		205	
TEX	1,750		1,975		1,575	
WASH	481		703		678	
OTH STS 1/	215		220		108	
U S	23,594		30,606		25,485	
	TONS					
PROCESSING						
CALIF	89,900		70,000		76,000	
MICH	21,560		38,760		28,480	
MINN	15,930		14,750		7,000	
N Y	14,000		14,200		16,000	
OREG	15,480		12,750		15,390	
TEX	14,000		10,500		11,250	
WASH	96,300		116,660		111,720	
OTH STS 1/	106,800		116,360		84,950	
U S	373,970		393,980		350,790	
	VALUE					
	PER UNIT			:	TOTAL	
	1986	:	1987	:	1988	:
	DOLLARS PER CWT.			:	1,000 DOLLARS	
FRESH MARKET						
ARIZ	10.90		10.60		10.20	4,316
CALIF	13.00		10.60		12.30	239,106
COLO	14.50		7.60		8.40	5,916
FLA	13.00		10.80		11.40	11,037
MICH	16.10		10.40		17.20	7,953
MINN	14.40		10.00		17.00	2,318
N Y	22.70		31.80		29.90	6,356
OREG	23.20		22.50		22.50	3,480
TEX	10.20		9.26		10.80	17,850
WASH	17.10		11.90		16.80	8,225
OTH STS 1/	23.80		24.10		28.00	5,117
U S	13.20		10.70		12.60	311,674
	DOLLARS PER TON			:	1,000 DOLLARS	
PROCESSING						
CALIF	81.00		86.50		83.50	7,282
MICH	57.30		56.80		60.60	1,235
MINN	66.30		50.20		73.00	1,056
N Y	65.00		59.80		65.00	910
OREG	46.90		49.90		49.40	726
TEX	22.00		22.00		23.00	308
WASH	42.00		39.90		53.90	4,045
OTH STS 1/	69.10		65.00		73.30	7,381
U S	61.30		58.20		65.30	22,943

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	48,000	53,000	51,100	48,000
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	3,500	3,900	3,600	3,000
TEX	1,100	800	1,700	1,000	700	1,500
U S	69,500	67,100	64,300	67,800	66,100	62,800
	YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988
	CWT.			1,000 CWT.		
ARIZ	115	125	105	702	800	641
CALIF	110	110	130	5,830	5,621	6,240
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	165	507	504	495
TEX	92	85	70	92	60	105
U S	111	112	125	7,527	7,375	7,874
	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	25.90	150,205	147,156	161,514
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	15.70	6,909	7,314	7,796
TEX	28.30	13.20	18.90	2,604	792	1,980
U S	25.50	25.40	25.70	191,863	187,555	202,378

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		5,340							
OTH STS 1/	:	534		467		534							
	:												
U S	:	5,906		5,928		6,515							
	:												
	:	TONS											
PROCESSING	:												
	:												
CALIF	:	58,000		48,000		45,000							
OTH STS 1/	:	23,060		24,330		22,940							
	:												
U S	:	81,060		72,330		67,940							
		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		27.60		133,095		132,372		147,384	
OTH STS 1/	:	30.80		28.80		30.10		16,427		13,436		16,068	
	:												
U S	:	28.80		28.30		28.10		170,020		167,728		183,387	
	:												
	:	DOLLARS PER TON						1,000 DOLLARS					
PROCESSING	:												
	:												
CALIF	:	295.00		308.00		314.00		17,110		14,784		14,130	
OTH STS 1/	:	205.00		207.00		212.00		4,733		5,043		4,861	
	:												
U S	:	270.00		274.00		280.00		21,843		19,827		18,991	

2/ 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

STATE		VALUE					
		PER CWT.			TOTAL		
		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	49.90	49.20	2,424	2,295	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	482,020	463,414
U S		49.40	49.40	46.00	503,641	549,082	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		49.90		49.20		2,424		2,295		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		386,107		381,825	
	:												
U S	:	57.60		58.50		54.00		422,898		453,169		455,700	
	:												
	:	DOLLARS PER CWT.						1,000 DOLLARS					
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 7 PERCENT

U.S. processors received 12.0 million tons of raw product from nine major vegetable crops in 1988. This is down 7 percent from last year and 2 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, sweet corn 16 percent, snap beans 13 percent, and carrots 11 percent. Cauliflower production was off 6 percent, tomatoes 3 percent, while asparagus and broccoli were down 2 percent. Only cucumbers for pickles produced more for processors in 1988 than a year earlier and that by 3 percent.

Total value at the plant door was \$1.04 billion, down 4 percent from last year and 3 percent below two years ago. Prices were generally higher than a year earlier.

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	23.0	CALIF	58.4	CALIF	45.1
2	CALIF	17.8	WIS	8.1	WIS	9.9
3	MINN	15.3	MINN	5.4	OREG	6.5
4	WASH	7.4	WASH	4.7	WASH	5.9
5	OREG	6.5	OREG	4.7	MINN	5.2

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	233,150	190,560	221,210	217,650
SWEET CORN	432,100	463,330	464,400	413,380	430,920	444,800
CUCUMBERS	112,950	111,590	122,480	110,510	109,630	118,870
PEAS, GREEN	289,320	302,200	292,900	272,420	290,300	283,900
TOMATOES	260,590	263,120	279,070	252,060	257,100	274,920
5 CROPS	1,301,260	1,370,950	1,392,000	1,238,930	1,309,160	1,340,140
	PRODUCTION			VALUE		
	1986	1987	1988	1986	1987	1988
	TONS			1,000 DOLLARS		
BEANS, SNAP	609,400	679,010	588,280	97,262	108,436	98,628
SWEET CORN	2,559,440	2,866,630	2,407,550	150,821	169,984	146,153
CUCUMBERS	639,550	635,450	651,580	113,400	114,374	130,194
PEAS, GREEN	414,880	439,530	313,140	93,781	98,576	73,166
TOMATOES	7,393,290	7,602,000	7,409,920	472,538	449,080	449,797
5 CROPS	11,616,560	12,222,620	11,370,470	927,802	940,450	897,938
ASPARAGUS	42,080	47,880	47,030	39,028	44,602	47,721
BROCCOLI	154,350	141,040	138,480	55,074	50,227	51,809
CARROTS	373,970	393,980	350,790	22,943	22,933	22,895
CAULIFLOWER	81,060	72,330	67,940	21,843	19,827	18,991
4 CROPS	651,460	655,230	604,240	138,888	137,589	141,416
9 CROPS	12,268,020	12,877,850	11,974,710	1,066,690	1,078,039	1,039,354

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	94 350	77 120	89 520	88 080
SWEET CORN	174 870	187 510	187 940	167 290	174 390	180 010
CUCUMBERS	45 710	45 160	49 570	44 720	44 370	48 110
PEAS, GREEN	117 080	122 300	118 530	110 250	117 480	114 890
TOMATOES	105 460	106 480	112 940	102 010	104 050	111 260
5 CROPS	526 610	554 820	563 330	501 390	529 810	542 350
	PRODUCTION					
	1986	1987	1988			
	METRIC TONS					
BEANS, SNAP	552 840	615 990	533 680			
SWEET CORN	2 321 880	2 600 560	2 184 090			
CUCUMBERS	580 190	576 470	591 100			
PEAS, GREEN	376 370	398 730	284 080			
TOMATOES	6 707 080	6 896 420	6 722 170			
5 CROPS	10 538 360	11 088 170	10 315 120			
ASPARAGUS	38 170	43 440	42 660			
BROCCOLI	140 020	127 950	125 630			
CARROTS	339 260	357 410	318 230			
CAULIFLOWER	73 540	65 620	61 630			
4 CROPS	590 990	594 420	548 150			
9 CROPS	11 129 350	11 682 590	10 863 270			

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	58,200	44,200	45,680	56,300
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	56,200	50,300	51,000	51,700
MINN	208,800	219,250	208,620	202,000	194,430	204,490
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	26,500	25,740	25,290	26,300
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	11,740	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	330,400	278,100	316,900	307,900
OTH STS 2/	12,260	11,220	13,190	11,400	11,060	11,490
U S	1,301,260	1,370,950	1,392,000	1,238,930	1,309,160	1,340,140

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	192,860	16,861	18,987	19,449
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	287,070	37,722	38,359	35,266
MINN	851,570	857,580	616,090	64,718	66,750	46,918
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	101,290	15,953	16,703	20,985
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	919,690	105,624	116,578	88,814
OTH STS 2/	25,360	28,660	24,780	4,866	4,846	4,604
U S	11,616,560	12,222,620	11,370,470	927,802	940,450	897,938

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	23,000	17,600	19,500	21,000
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	88,200	77,800	88,700	82,800
OTH STS 1/	34,500	38,310	28,750	31,860	37,010	26,250
U S	206,300	230,710	233,150	190,560	221,210	217,650
CANNING	146,540	163,780	166,020	134,640	155,730	155,190
FREEZING	59,760	66,930	67,130	55,920	65,480	62,460
	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			3.25			30,880
IND	2.68	2.74	2.85	4,290	15,890	17,670
MICH	2.40	2.20	1.80	42,240	42,900	37,800
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	2.53	247,400	279,410	209,480
OTH STS 1/	2.86	2.68	2.69	91,050	99,220	70,490
U S	3.20	3.07	2.70	609,400	679,010	588,280
CANNING	3.12	3.04	2.58	420,100	473,980	400,630
FREEZING	3.39	3.13	3.00	189,300	205,030	187,650

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			181.00			5,589	
IND	169.00	190.00	203.00	725	3,019	3,587	
MICH	143.00	149.00	175.00	6,040	6,392	6,615	
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	151.00	35,378	39,956	31,631	
OTH STS 1/	174.00	173.00	182.00	15,837	17,128	12,841	
U S	160.00	160.00	168.00	97,262	108,436	98,628	
CANNING	150.00	151.00	161.00	62,903	71,332	64,375	
FREEZING	182.00	181.00	183.00	34,359	37,104	34,253	
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	31,800	31,700	27,600	30,300
MD	7,900	6,500	7,000	7,600	6,300	6,800
MINN	125,400	130,600	127,200	123,500	112,200	124,200
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	151,000	122,200	140,000	138,400
OTH STS 1/	6,200	7,930	7,500	6,180	7,220	7,500
U S	432,100	463,330	464,400	413,380	430,920	444,800
CANNING	266,520	286,700	290,240	254,880	265,050	275,990
FREEZING	165,580	176,630	174,160	158,500	165,870	168,810
	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	3.96	151,840	149,320	119,990
MD	5.46	5.16	5.04	41,500	32,510	34,270
MINN	5.95	6.50	4.38	734,830	729,300	544,000
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	608,960
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	2,407,550
CANNING	5.79	6.18	4.81	1,475,940	1,638,330	1,328,400
FREEZING	6.84	7.41	6.39	1,083,500	1,228,300	1,079,150

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	69.40	8,898	9,392	8,327	
MD	48.20	58.00	62.80	2,000	1,886	2,152	
MINN	53.80	56.10	55.60	39,534	40,914	30,246	
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	57.10	37,863	44,275	34,772	
OTH STS 1/	60.40	60.10	58.80	2,104	2,635	1,979	
U S	58.90	59.30	60.70	150,821	169,984	146,153	
CANNING	56.20	56.70	58.90	82,998	92,852	78,253	
FREEZING	62.60	62.80	62.90	67,823	77,132	67,900	

1/ 1986-88 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	26,100	25,300	24,700	25,900
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	11,400	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	122,480	110,510	109,630	118,870
	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	3.88	80,960	84,470	100,490
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	651,580

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		207.00		15,787		16,556		20,801
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		130,194

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	75,000	72,700	76,300	74,100
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	292,900	272,420	290,300	283,900
CANNING	157,250	163,650	151,850	144,180	158,040	147,250
FREEZING	132,070	138,550	141,050	128,240	132,260	136,650
	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	72	94,510	104,530	53,350
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	1.10	414,880	439,530	313,140
CANNING	1.50	1.43	86	216,230	226,140	126,740
FREEZING	1.55	1.61	1.36	198,650	213,390	186,400
	VALUE					
	PER TON			TOTAL		
	1986	1987	1988	1986	1987	1988
	DOLLARS			1,000 DOLLARS		
DEL	239.00	229.00	180.00	3,695	2,844	2,120
MINN	232.00	214.00	259.00	21,926	22,369	13,818
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	234.00	93,781	98,576	73,166
CANNING	210.00	211.00	244.00	45,322	47,702	30,950
FREEZING	244.00	238.00	227.00	48,459	50,874	42,216

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	208,400	200,170	193,900	618,390	535,310
OPEN MARKET	21,840	24,750	21,040	23,750	60,620	52,970
SWEET CORN						
CONTRACT	462,730	463,400	430,320	443,800	2,863,060	2,403,910
OPEN MARKET	600	1,000	600	1,000	3,570	3,640
CUCUMBERS						
CONTRACT	92,750	98,510	90,890	96,000	531,860	533,180
OPEN MARKET	18,840	23,970	18,740	22,870	103,590	118,400
PEAS, GREEN						
CONTRACT	300,400	292,900	288,500	283,900	436,870	313,140
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