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Vegetables

1998 Summary

January 1999

USDA



Fresh Market Production Down 4 Percent from 1997

Fresh market vegetable and melon production for 25 selected crops in 1998 totaled 423 million hundredweight, down 4 percent from 1997. Value of the 1998 crop was estimated at 8.1 billion dollars, a decrease of 1 percent from last year. Harvested area covered 1.86 million acres, down 1 percent from a year ago. California continued to be the leading fresh market State, accounting for 44 percent of the harvested area, 49 percent of production, and 51 percent of the value. The three largest crops in terms of production were head lettuce, onions, and carrots, which combined to account for 40 percent of the total production. Tomatoes, head lettuce, and onions were the most valuable crops, accounting for 36 percent of the total value when combined.

Leading Vegetable States in 1998

Rank	Area Harvested		Production		Value	
	State	Percent of Total	State	Percent of Total	State	Percent of Total
1	CA	44.2	CA	49.3	CA	50.6
2	FL	10.4	FL	9.7	FL	14.5
3	AZ	6.5	AZ	8.3	AZ	7.7
4	GA	5.3	TX	4.5	TX	4.2
5	TX	4.9	GA	4.1	GA	3.0

**Principal Vegetables for Fresh Market: Area Planted and Harvested
by Crop, United States, 1996-98 ¹
(Domestic Units)**

Crop	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Artichokes	8,900	9,300	10,700	8,900	9,300	10,700
Asparagus ²	79,160	79,530	78,230	73,560	74,030	74,930
Beans, Lima	3,700	2,700	3,000	3,200	2,500	2,000
Beans, Snap	92,760	90,260	94,800	82,860	82,660	87,900
Broccoli ²	133,700	130,800	133,500	133,500	130,800	133,000
Brussels Sprouts	3,800	3,200	3,200	3,800	3,200	3,200
Cabbage	75,840	77,950	79,600	71,920	75,230	76,180
Cantaloups	103,020	106,970	107,130	101,140	102,710	105,360
Carrots	117,520	112,940	114,560	113,660	111,380	112,500
Cauliflower ²	48,400	43,700	45,800	48,200	43,500	45,800
Celery	28,040	27,110	27,300	27,840	26,910	27,200
Corn, Sweet	244,100	254,900	254,580	227,800	236,400	235,760
Cucumbers	60,300	59,750	60,780	56,600	57,450	57,680
Eggplant	3,100	3,300	3,200	3,100	3,300	3,200
Escarole /Endive	3,900	3,300	3,100	3,560	3,100	2,930
Garlic	35,000	33,000	35,000	35,000	33,000	34,000
Honeydews	27,500	27,900	26,900	27,300	26,600	26,700
Lettuce						
Head	221,600	206,600	206,600	220,700	205,400	205,000
Leaf	41,430	48,780	49,950	41,330	48,610	49,920
Romaine	32,900	34,600	40,480	32,800	34,350	40,450
Onions	175,430	175,070	170,870	166,210	165,910	164,140
Bell Peppers	68,050	57,650	58,100	66,100	56,200	56,780
Spinach	18,400	24,500	23,400	17,800	22,700	23,000
Tomatoes	124,410	119,090	117,300	120,640	115,190	114,510
Watermelons	223,560	197,900	190,890	199,260	179,300	173,190
25 Vegetables and Melons	1,974,520	1,930,800	1,938,970	1,886,780	1,849,730	1,866,030
Strawberries ²	49,600	45,670	46,010	47,670	44,260	45,230

¹ Includes Hawaii.

² Includes processing total for dual usage crops.

**Principal Vegetables for Fresh Market: Production and Value
by Crop, United States, 1996-98 ¹
(Domestic Units)**

Crop	Production			Value		
	1996	1997	1998	1996	1997	1998
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Artichokes	890	930	910	65,416	73,910	62,899
Asparagus ²	1,989	2,026	2,046	156,623	182,390	210,672
Beans, Lima	93	75	40	2,883	2,475	1,280
Beans, Snap	3,964	3,805	4,842	166,559	154,414	233,551
Broccoli ²	15,693	16,880	18,398	415,695	481,459	554,338
Brussels Sprouts	684	512	512	20,120	21,180	22,249
Cabbage	22,900	25,267	24,196	228,972	273,032	312,769
Cantaloups	21,572	20,840	22,626	393,333	374,110	419,559
Carrots	33,236	38,589	37,549	443,863	497,202	461,423
Cauliflower ²	7,354	6,889	7,167	237,342	217,534	245,629
Celery	19,015	18,119	18,418	199,877	266,321	224,012
Corn, Sweet	23,127	23,641	24,798	390,737	418,617	436,828
Cucumbers	9,836	11,571	11,488	186,590	204,674	223,839
Eggplant	713	793	768	19,150	18,980	21,595
Escarole /Endive	612	556	580	13,377	13,235	18,176
Garlic	6,125	5,610	4,930	196,333	268,776	171,621
Honeydews	4,737	4,828	5,112	80,405	91,040	103,680
Lettuce						
Head	62,677	75,490	65,525	912,586	1,324,119	994,483
Leaf	9,188	10,387	11,088	246,628	299,250	323,074
Romaine	8,568	9,858	11,500	161,676	190,944	254,293
Onions	64,106	68,769	65,131	604,789	770,011	830,976
Bell Peppers	16,639	14,959	14,309	466,151	479,512	483,222
Spinach	1,934	3,265	2,980	56,735	102,322	108,747
Tomatoes	33,634	32,777	31,258	947,031	1,040,382	1,095,451
Watermelons	42,724	39,923	36,889	270,179	305,017	284,525
25 Vegetables and Melons	412,010	436,359	423,060	6,883,050	8,070,906	8,098,891
Strawberries ²	16,259	16,278	16,881	768,943	903,350	1,027,929

¹ Includes Hawaii.

² Includes processing total for dual usage crops.

**Principal Vegetables for Fresh Market: Area Planted and Harvested
by Crop, United States, 1996-98 ¹
(Metric Units)**

Crop	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Artichokes	3,602	3,764	4,330	3,602	3,764	4,330
Asparagus ²	32,035	32,185	31,659	29,769	29,959	30,323
Beans, Lima	1,497	1,093	1,214	1,295	1,012	809
Beans, Snap	37,539	36,527	38,365	33,533	33,452	35,572
Broccoli ²	54,107	52,933	54,026	54,026	52,933	53,824
Brussels Sprouts	1,538	1,295	1,295	1,538	1,295	1,295
Cabbage	30,692	31,546	32,213	29,105	30,445	30,829
Cantaloups	41,691	43,290	43,354	40,930	41,566	42,638
Carrots	47,559	45,706	46,361	45,997	45,074	45,528
Cauliflower ²	19,587	17,685	18,535	19,506	17,604	18,535
Celery	11,348	10,971	11,048	11,267	10,890	11,008
Corn, Sweet	98,785	103,155	103,026	92,188	95,669	95,410
Cucumbers	24,403	24,180	24,597	22,905	23,249	23,343
Eggplant	1,255	1,335	1,295	1,255	1,335	1,295
Escarole /Endive	1,578	1,335	1,255	1,441	1,255	1,186
Garlic	14,164	13,355	14,164	14,164	13,355	13,759
Honeydews	11,129	11,291	10,886	11,048	10,765	10,805
Lettuce						
Head	89,679	83,609	83,609	89,315	83,123	82,961
Leaf	16,766	19,741	20,214	16,726	19,672	20,202
Romaine	13,314	14,002	16,382	13,274	13,901	16,370
Onions	70,995	70,849	69,149	67,264	67,142	66,426
Bell Peppers	27,539	23,330	23,512	26,750	22,744	22,978
Spinach	7,446	9,915	9,470	7,203	9,186	9,308
Tomatoes	50,347	48,195	47,470	48,822	46,616	46,341
Watermelons	90,472	80,088	77,251	80,639	72,561	70,088
25 Vegetables and Melons ³	799,068	781,477	784,682	763,561	748,668	755,164
Strawberries ²	20,073	18,482	18,620	19,292	17,912	18,304

¹ Includes Hawaii.

² Includes processing total for dual usage crops.

³ Totals may not add due to rounding.

**Principal Vegetables for Fresh Market: Production by Crop,
United States, 1996-98
(Metric Units) ¹**

Crop	Production		
	1996	1997	1998
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Artichokes	40,370	42,184	41,277
Asparagus ²	90,220	91,898	92,805
Beans, Lima	4,218	3,402	1,814
Beans, Snap	179,804	172,592	219,629
Broccoli ²	711,823	765,664	834,519
Brussels			
Sprouts	31,026	23,224	23,224
Cabbage	1,038,727	1,146,092	1,097,512
Cantaloups	978,490	945,287	1,026,298
Carrots	1,507,560	1,750,368	1,703,194
Cauliflower ²	333,572	312,480	325,090
Celery	862,506	821,864	835,427
Corn, Sweet	1,049,023	1,072,338	1,124,819
Cucumbers	446,154	524,852	521,087
Eggplant	32,341	35,970	34,836
Escarole			
/Endive	27,760	25,220	26,308
Garlic	277,825	254,465	223,621
Honeydews	214,867	218,994	231,876
Lettuce			
Head	2,842,982	3,424,170	2,972,165
Leaf	416,761	471,147	502,943
Romaine	388,638	447,151	521,631
Onions	2,907,800	3,119,310	2,954,293
Bell			
Peppers	754,733	678,529	649,046
Spinach	87,725	148,098	135,171
Tomatoes	1,525,613	1,486,740	1,417,839
Watermelons	1,937,929	1,810,877	1,673,257
25 Vegetables and Melons ³	18,688,465	19,797,453	19,189,684
Strawberries ²	737,496	738,358	765,709

¹ Includes Hawaii.

² Includes processing total for dual usage crops.

³ Totals may not add due to rounding.

**Principal Vegetables for Fresh Market: Area Planted and Harvested
by State and United States, 1996-98 ¹**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AL	16,300	12,300	9,400	13,900	9,700	7,600
AZ	119,000	117,600	121,500	118,600	117,200	121,000
AR	4,200	4,200	4,000	3,600	3,800	3,600
CA	824,200	815,300	830,100	819,700	809,800	825,100
CO	38,000	39,600	37,600	34,800	34,400	35,700
CT	5,500	5,400	5,400	4,800	4,700	4,500
DE	2,400	2,300	2,100	2,400	2,300	2,100
FL	212,900	203,980	201,450	199,150	194,660	193,550
GA	119,100	107,900	108,600	104,400	101,900	97,900
HI	2,240	2,420	2,470	2,240	2,420	2,470
ID	8,800	8,400	8,900	8,600	8,200	8,700
IL	9,600	9,200	8,600	9,100	8,900	8,300
IN	19,890	19,380	18,600	18,990	18,280	17,100
LA	3,880	3,470	3,100	3,210	2,810	2,640
ME	3,100	3,000	2,900	2,600	2,400	2,300
MD	12,170	11,570	12,750	11,550	10,950	12,330
MA	8,500	8,710	8,600	7,450	7,520	6,950
MI	60,800	59,900	60,700	55,600	56,950	56,950
MN	2,430	2,030	1,370	2,060	1,880	1,300
MS	6,600	5,000	4,700	5,400	4,000	4,000
MO	5,800	4,800	5,200	5,600	4,700	4,900
NV	1,900	1,800	2,100	1,900	1,700	2,100
NH	2,400	2,400	2,200	2,100	1,900	1,700
NJ	36,200	36,300	34,800	33,800	35,100	33,800
NM	9,300	10,300	11,600	9,000	9,700	10,100
NY	65,100	67,650	71,600	61,100	64,300	68,700
NC	45,600	45,200	48,000	43,300	43,000	44,800
ND ²	1,800			1,300		
OH	26,390	26,350	26,470	25,610	25,020	24,310
OK	13,000	10,000	10,000	10,000	8,000	7,500
OR	23,220	24,940	25,010	22,820	24,540	24,680
PA	27,200	27,200	27,000	24,400	22,600	24,400
RI	1,100	1,200	1,100	1,000	1,100	1,000
SC	18,900	17,700	18,600	16,700	15,800	15,600
TN	13,900	13,800	13,700	12,100	11,800	11,400
TX	118,400	109,800	98,500	109,400	93,900	91,800
UT	2,200	2,400	2,500	2,100	2,300	2,400
VT	1,500	1,600	1,400	1,400	1,300	1,200
VA	19,700	20,500	20,800	17,000	18,100	18,500
WA	46,100	49,100	49,950	44,300	47,500	48,450
WI	15,200	16,100	15,600	13,700	14,600	14,600
US	1,974,520	1,930,800	1,938,970	1,886,780	1,849,730	1,866,030

¹ Includes processing total for dual usage crops (asparagus, broccoli, and cauliflower).

² Estimate discontinued.

**Principal Vegetables for Fresh Market: Production and Value
by State and United States, 1996-98 ¹**

State	Production			Value		
	1996	1997	1998	1996	1997	1998
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	1,308	870	623	12,254	12,362	9,592
AZ	29,915	32,547	35,094	481,427	515,152	620,630
AR	416	636	655	6,656	9,879	13,666
CA	201,377	219,660	208,497	3,639,715	4,429,023	4,095,788
CO	9,501	10,829	10,967	89,729	108,172	131,697
CT	312	282	293	8,424	6,768	7,911
DE	840	874	798	4,368	4,545	6,783
FL	42,639	43,080	40,996	1,017,814	1,133,794	1,171,888
GA	17,025	18,723	17,233	206,582	255,075	243,032
HI	435	457	476	11,705	13,791	14,445
ID	5,590	5,658	4,655	46,757	57,028	54,277
IL	1,000	1,019	870	13,571	13,242	12,415
IN	3,364	3,064	3,109	37,951	39,030	44,950
LA	597	433	334	6,386	7,008	4,910
ME	156	132	127	4,680	4,356	4,191
MD	1,184	1,508	1,409	26,200	25,207	27,884
MA	558	556	497	19,500	17,642	20,090
MI	8,154	8,034	8,168	124,626	123,086	148,667
MN	248	584	357	3,320	5,332	13,223
MS	486	240	244	2,260	1,464	1,527
MO	1,400	1,128	1,152	4,424	5,505	6,106
NV	1,102	918	924	15,979	13,311	12,396
NH	158	114	102	5,056	4,104	3,876
NJ	4,661	4,577	4,662	112,870	112,630	125,652
NM	3,722	4,219	4,052	50,398	65,554	49,975
NY	10,019	12,893	13,115	108,746	172,054	209,164
NC	5,111	5,903	5,599	64,723	76,241	75,840
ND ²	416			5,408		
OH	3,495	3,119	3,056	67,560	74,383	73,295
OK	940	800	705	5,546	5,200	5,076
OR	10,531	12,139	10,748	91,686	134,281	127,358
PA	2,200	1,872	2,088	40,781	44,148	51,846
RI	75	77	80	1,950	2,079	2,640
SC	2,345	2,248	2,395	45,160	37,561	37,466
TN	1,157	1,192	1,079	29,609	32,020	39,161
TX	23,879	17,294	18,985	250,544	225,542	337,117
UT	987	1,116	1,056	6,240	8,451	9,050
VT	91	98	78	2,548	2,548	2,184
VA	2,233	2,737	2,520	41,192	65,425	65,016
WA	9,859	11,897	12,412	147,591	185,901	192,582
WI	2,524	2,832	2,850	21,114	22,012	25,525
US	412,010	436,459	423,060	6,883,050	8,070,906	8,098,891

¹ Includes processing total for dual usage crops (asparagus, broccoli, and cauliflower).

² Estimate discontinued.

**Lima Beans for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value, Georgia, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
GA	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
	3,700	2,700	3,000	3,200	2,500	2,000
	Yield per Acre			Production		
GA	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
	29	30	20	93	75	40
GA	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
GA	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
	31.00	33.00	32.00	2,883	2,475	1,280

**Snap Beans for Fresh Market: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	7,800	4,500	4,700	7,800	4,500	4,700
FL	30,500	32,900	36,000	27,200	30,300	34,300
GA	16,000	13,000	13,000	13,500	12,000	12,000
MD	2,200	1,900	2,500	2,100	1,800	2,500
MI	1,700	1,700	1,800	1,500	1,600	1,700
NJ	4,000	4,200	4,000	3,600	4,100	3,900
NY	4,200	5,300	5,400	3,900	5,100	5,300
NC	6,600	7,100	7,000	6,200	6,500	6,600
OH	1,700	1,700	1,900	1,600	1,600	1,700
SC	2,100	1,900	2,000	1,800	1,700	1,600
TN	10,000	10,000	10,300	8,400	8,200	8,200
VA	5,800	5,900	6,000	5,100	5,100	5,200
Total	92,600	90,100	94,600	82,700	82,500	87,700
HI	160	160	200	160	160	200
US	92,760	90,260	94,800	82,860	82,660	87,900
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	90	100	95	702	450	447
FL	53	43	64	1,442	1,303	2,195
GA	37	44	52	500	528	624
MD	40	33	45	84	59	113
MI	40	45	50	60	72	85
NJ	40	35	50	144	144	195
NY	40	62	62	156	316	329
NC	30	45	40	186	293	264
OH	50	54	47	80	86	80
SC	22	24	12	40	41	19
TN	43	40	34	361	328	279
VA	40	35	39	204	179	203
Total	48	46	55	3,959	3,799	4,833
HI	32	40	45	5	6	9
US	48	46	55	3,964	3,805	4,842

**Snap Beans for Fresh Market: Value by State,
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	47.80	52.00	62.90	33,556	23,400	28,116
FL	52.10	49.90	59.00	75,182	65,020	129,505
GA	32.00	30.00	28.00	16,000	15,840	17,472
MD	27.00	30.00	40.00	2,268	1,770	4,520
MI	38.20	29.80	61.00	2,292	2,146	5,185
NJ	32.80	33.60	37.00	4,723	4,838	7,215
NY	49.30	54.80	50.60	7,691	17,317	16,647
NC	30.00	25.00	30.00	5,580	7,325	7,920
OH	28.50	31.00	29.30	2,280	2,666	2,344
SC	45.00	36.00	46.00	1,800	1,476	874
TN	29.10	26.50	31.40	10,505	8,692	8,761
VA	20.50	18.40	21.00	4,182	3,294	4,263
Total	41.90	40.50	48.20	166,059	153,784	232,822
HI	100.00	105.00	81.00	500	630	729
US	42.00	40.60	48.20	166,559	154,414	233,551

**Cabbage for Fresh Market: Area Planted and Harvested
by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	10,000	13,800	14,000	10,000	13,800	14,000
CO	2,300	2,300	2,400	2,200	2,100	2,300
FL	8,500	7,500	7,600	8,100	7,400	7,500
GA	8,000	8,100	8,500	7,000	8,000	7,500
IL	1,300	1,300	1,400	1,200	1,200	1,300
MD	600	500	600	580	480	580
MI	1,800	1,900	2,100	1,700	1,900	2,000
NJ	2,400	2,200	2,100	2,300	2,100	2,000
NY	11,000	11,600	12,600	10,500	11,200	12,100
NC	7,200	9,000	9,100	7,000	8,500	8,700
OH	1,600	1,400	1,300	1,500	1,400	1,200
PA	2,100	1,900	2,100	2,000	1,800	1,900
TX	11,700	9,300	9,000	10,900	8,500	8,500
VA	1,500	1,300	1,400	1,300	1,200	1,300
WI	5,200	5,200	4,800	5,000	5,000	4,700
Total	75,200	77,300	79,000	71,280	74,580	75,580
HI	640	650	600	640	650	600
US	75,840	77,950	79,600	71,920	75,230	76,180

**Cabbage for Fresh Market: Yield and Production
by State and United States, 1996-98**

State	Yield per Acre			Production ¹		
	1996	1997	1998	1996	1997	1998
	Cwt	Cwt	Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
CA	350	340	350	3,500	4,692	4,900
CO	390	390	400	858	819	920
FL	295	370	270	2,390	2,738	2,025
GA	355	350	330	2,485	2,800	2,475
IL	210	260	260	252	312	338
MD	220	105	120	128	50	70
MI	310	260	260	527	494	520
NJ	330	280	340	759	588	680
NY	400	480	380	4,200	5,376	4,598
NC	180	200	170	1,260	1,700	1,479
OH	330	320	230	495	448	276
PA	160	210	215	320	378	409
TX	370	340	400	4,033	2,890	3,400
VA	290	335	435	377	402	566
WI	235	290	295	1,175	1,450	1,387
Total	319	337	318	22,759	25,137	24,043
HI	220	200	255	141	130	153
US	318	336	318	22,900	25,267	24,196

¹ Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 1996, 454,000 cwt; 1997, 591,000 cwt; and 1998, 404,000 cwt.

**Cabbage for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	12.60	14.90	16.10	44,100	69,911	78,890
CO	8.50	7.20	8.20	7,293	5,897	7,544
FL	11.20	14.50	13.00	26,768	39,701	26,325
GA	10.60	8.00	8.30	26,341	22,400	20,543
IL	8.70	9.00	8.25	2,185	2,808	2,789
MD	24.00	14.00	13.00	3,072	700	910
MI	9.00	7.80	13.30	4,743	3,853	6,916
NJ	15.30	12.40	14.20	11,613	7,291	9,656
NY	8.10	9.70	11.90	30,268	46,415	49,909
NC	9.00	8.50	9.50	11,340	14,450	14,051
OH	12.00	11.00	12.20	5,940	4,928	3,367
PA	10.50	13.00	14.00	3,360	4,914	5,726
TX	10.00	11.70	20.40	40,330	33,813	69,360
VA	9.00	8.00	8.00	3,393	3,216	4,528
WI	4.80	6.90	6.85	5,617	10,005	9,501
Total	10.10	11.00	13.10	226,363	270,302	310,015
HI	18.00	21.00	18.00	2,609	2,730	2,754
US	10.20	11.10	13.10	228,972	273,032	312,769

**Cantaloups for Fresh Market: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	17,700	17,700	18,500	17,700	17,700	18,500
CA	59,000	62,300	63,000	59,000	62,300	63,000
CO	2,000	2,000	2,200	1,700	1,600	1,900
GA	4,000	4,800	5,500	3,500	4,100	5,000
IN	3,500	3,600	3,400	3,400	3,500	3,200
MD	1,400	1,300	1,300	1,300	1,200	1,200
MI	1,000	1,000	1,000	800	950	950
OH	720	670	630	740	660	610
PA	1,100	1,100	1,100	1,000	1,000	1,000
TX	12,600	12,500	10,500	12,000	9,700	10,000
US	103,020	106,970	107,130	101,140	102,710	105,360
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	230	255	250	4,071	4,514	4,625
CA	220	210	220	12,980	13,083	13,860
CO	200	220	160	340	352	304
GA	180	140	120	630	574	600
IN	175	130	195	595	455	624
MD	120	110	110	156	132	132
MI	90	150	150	72	143	143
OH	125	165	185	93	109	113
PA	115	120	125	115	120	125
TX	210	140	210	2,520	1,358	2,100
US	213	203	215	21,572	20,840	22,626

**Cantaloups for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	20.80	19.20	14.90	84,677	86,669	68,913
CA	17.90	17.70	18.00	232,342	231,569	249,480
CO	10.80	15.00	13.40	3,672	5,280	4,074
GA	11.90	11.70	16.80	7,497	6,716	10,080
IN	14.60	16.00	16.80	8,687	7,280	10,483
MD	31.00	21.00	20.00	4,836	2,772	2,640
MI	17.00	19.80	19.00	1,224	2,831	2,717
OH	14.80	17.00	18.20	1,376	1,853	2,057
PA	16.50	16.50	17.00	1,898	1,980	2,125
TX	18.70	20.00	31.90	47,124	27,160	66,990
US	18.20	18.00	18.50	393,333	374,110	419,559

**Carrots for Fresh Market: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	2,400	2,500	2,500	2,400	2,500	2,500
CA	85,700	83,300	86,500	85,700	83,200	86,500
CO	4,300	5,400	4,400	4,100	4,800	4,000
FL	7,100	7,900	6,800	5,600	7,600	5,600
MI	6,000	5,500	5,100	5,000	5,300	5,000
MN	900	1,100	600	540	1,000	550
NY	600	650	500	600	600	500
ND ¹	1,800			1,300		
TX	5,100	2,500	4,200	4,900	2,400	4,000
WA	2,600	2,900	3,100	2,500	2,800	3,000
Oth Sts ²	1,020	1,440	860	1,020	1,430	850
US	117,520	113,190	114,560	113,660	111,630	112,500
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	260	265	250	624	663	625
CA	300	360	345	25,710	29,998	29,843
CO	350	500	400	1,435	2,400	1,600
FL	150	160	125	840	1,216	700
MI	260	250	330	1,300	1,325	1,650
MN	230	400	370	124	400	204
NY	220	280	300	132	168	150
ND ¹	320			416		
TX	185	165	245	907	396	980
WA	420	400	380	1,050	1,120	1,140
Oth Sts ²	684	701	773	698	1,003	657
US	292	347	334	33,236	38,689	37,549

¹ Estimate discontinued.

² OH and OR.

**Carrots for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	12.70	13.30	12.50	7,925	8,818	7,813
CA	13.60	13.00	11.50	349,656	389,974	343,195
CO	7.10	10.00	10.60	10,189	24,000	16,960
FL	14.90	13.60	16.20	12,516	16,538	11,340
MI	11.80	12.50	13.10	15,340	16,563	21,615
MN	12.50	8.60	56.00	1,550	3,440	11,424
NY	15.00	16.00	16.00	1,980	2,688	2,400
ND ¹	13.00			5,408		
TX	15.30	17.30	20.50	13,877	6,851	20,090
WA	15.00	14.00	14.10	15,750	15,680	16,074
Oth Sts ²	13.90	13.50	16.00	9,672	13,550	10,512
US	13.40	12.90	12.30	443,863	498,102	461,423

¹ Estimate discontinued.

² OH and OR.

**Celery for Fresh Market and Processing: Area Planted and Harvested,
Yield, Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	24,500	24,000	24,500	24,500	24,000	24,500
MI	2,500	2,500	2,300	2,300	2,300	2,200
OH ¹	40	10		40	10	
TX	1,000	600	500	1,000	600	500
US	28,040	27,110	27,300	27,840	26,910	27,200
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	700	695	700	17,150	16,680	17,150
MI	520	470	440	1,196	1,081	968
OH ¹	465	375		19	4	
TX	650	590	600	650	354	300
US	683	673	677	19,015	18,119	18,418
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	10.60	14.80	12.10	181,606	247,371	207,515
MI	11.10	13.30	12.70	13,294	14,358	12,327
OH ¹	12.20	24.00		232	96	
TX	7.30	12.70	13.90	4,745	4,496	4,170
US	10.50	14.70	12.20	199,877	266,321	224,012

¹ Estimate discontinued.

**Sweet Corn For Fresh Market: Area Planted and Harvested
by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AL	3,000	3,000	2,300	2,500	2,600	1,100
CA	24,100	27,000	28,800	24,100	27,000	28,800
CO	5,700	6,500	7,300	5,600	6,300	6,900
CT	5,500	5,400	5,400	4,800	4,700	4,500
FL	43,400	44,600	41,600	43,200	42,700	40,300
GA	19,000	19,000	19,000	17,000	18,000	18,000
IL	8,000	7,700	7,000	7,600	7,500	6,800
IN	7,000	6,700	6,500	6,500	6,300	6,000
ME	3,100	3,000	2,900	2,600	2,400	2,300
MA	8,000	8,200	8,100	7,000	7,100	6,500
MI	12,500	12,500	13,000	10,500	11,500	11,500
NH	2,400	2,400	2,200	2,100	1,900	1,700
NJ	11,000	11,700	11,300	10,500	11,500	10,600
NY	28,800	29,200	30,700	27,100	27,300	29,200
NC	6,100	6,600	7,100	6,000	6,500	6,600
OH	15,000	15,100	15,300	14,700	14,200	14,000
OR	2,400	2,600	3,780	2,400	2,600	3,760
PA	19,500	19,500	19,300	17,000	16,000	17,100
RI	1,100	1,200	1,100	1,000	1,100	1,000
TX	3,700	6,600	5,900	2,800	5,000	4,800
VT	1,500	1,600	1,400	1,400	1,300	1,200
VA	2,600	3,600	3,600	2,000	3,000	3,000
WA	2,700	2,500	2,300	2,600	2,400	2,200
WI	8,000	8,700	8,700	6,800	7,500	7,900
US	244,100	254,900	254,580	227,800	236,400	235,760

**Sweet Corn for Fresh Market: Yield and Production
by State and United States, 1996-98**

State	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AL	60	50	55	150	130	61
CA	155	145	145	3,736	3,915	4,176
CO	165	165	160	924	1,040	1,104
CT	65	60	65	312	282	293
FL	130	140	140	5,616	5,978	5,642
GA	120	130	150	2,040	2,340	2,700
IL	98	94	78	745	705	530
IN	71	73	69	462	460	414
ME	60	55	55	156	132	127
MA	70	70	65	490	497	423
MI	85	85	75	893	978	863
NH	75	60	60	158	114	102
NJ	68	55	65	714	633	689
NY	75	73	90	2,033	1,993	2,628
NC	105	110	90	630	715	594
OH	82	74	77	1,205	1,051	1,078
OR	150	150	175	360	390	658
PA	65	55	60	1,105	880	1,026
RI	75	70	80	75	77	80
TX	40	50	90	112	250	432
VT	65	75	65	91	98	78
VA	42	28	37	84	84	111
WA	150	140	130	390	336	286
WI	95	75	89	646	563	703
US	102	100	105	23,127	23,641	24,798

**Sweet Corn for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	13.30	17.00	16.00	1,995	2,210	976
CA	17.60	17.20	15.80	65,754	67,338	65,981
CO	9.20	8.70	11.00	8,501	9,048	12,144
CT	27.00	24.00	27.00	8,424	6,768	7,911
FL	17.90	21.30	18.30	100,526	127,331	103,249
GA	11.10	10.70	12.90	22,644	25,038	34,830
IL	14.80	14.60	17.60	11,026	10,293	9,328
IN	20.20	21.70	21.10	9,332	9,982	8,735
ME	30.00	33.00	33.00	4,680	4,356	4,191
MA	28.00	26.00	30.00	13,720	12,922	12,690
MI	17.00	17.80	17.20	15,181	17,408	14,844
NH	32.00	36.00	38.00	5,056	4,104	3,876
NJ	21.90	20.10	19.40	15,637	12,723	13,367
NY	14.80	14.90	18.10	30,088	29,696	47,567
NC	13.50	13.50	13.40	8,505	9,653	7,960
OH	17.10	17.40	18.60	20,606	18,287	20,051
OR	13.00	14.00	11.00	4,680	5,460	7,238
PA	20.50	28.30	29.50	22,653	24,904	30,267
RI	26.00	27.00	33.00	1,950	2,079	2,640
TX	10.00	14.80	19.50	1,120	3,700	8,424
VT	28.00	26.00	28.00	2,548	2,548	2,184
VA	16.80	17.80	34.00	1,411	1,495	3,774
WA	15.00	11.10	13.20	5,850	3,730	3,775
WI	13.70	13.40	15.40	8,850	7,544	10,826
US	16.90	17.70	17.60	390,737	418,617	436,828

**Cucumbers for Fresh Market: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	6,000	6,300	6,300	6,000	6,300	6,300
FL	11,400	10,900	9,400	10,800	10,600	9,200
GA	13,000	13,500	14,000	12,500	13,000	13,000
MD	1,400	1,300	1,400	1,300	1,200	1,300
MI	5,700	6,500	7,000	5,500	6,400	6,500
NJ	3,100	3,200	3,100	2,900	3,200	3,100
NY	4,100	3,100	3,800	3,900	3,000	3,800
NC	6,100	5,700	6,300	5,500	5,500	6,000
SC	2,300	2,000	2,300	2,000	1,700	2,000
TX	1,800	1,800	1,700	1,600	1,700	1,500
VA	5,000	5,000	5,000	4,200	4,400	4,500
Total	59,900	59,300	60,300	56,200	57,000	57,200
HI	400	450	480	400	450	480
US	60,300	59,750	60,780	56,600	57,450	57,680
	Yield Per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	330	315	300	1,980	1,985	1,890
FL	265	310	290	2,862	3,286	2,668
GA	125	170	200	1,563	2,210	2,600
MD	40	45	75	52	54	98
MI	200	200	220	1,100	1,280	1,430
NJ	150	130	180	435	416	558
NY	100	200	200	390	600	760
NC	100	120	125	550	660	750
SC	120	110	80	240	187	160
TX	70	170	75	112	289	113
VA	120	125	89	504	550	401
Total	174	202	200	9,788	11,517	11,428
HI	120	120	125	48	54	60
US	174	201	199	9,836	11,571	11,488

**Cucumbers for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	28.20	24.70	29.80	55,836	49,030	56,322
FL	19.30	20.00	19.10	55,267	65,720	50,959
GA	13.60	12.20	13.90	21,257	26,962	36,140
MD	25.00	21.00	17.00	1,300	1,134	1,666
MI	15.20	14.10	17.30	16,720	18,048	24,739
NJ	15.90	16.80	19.30	6,917	6,989	10,769
NY	17.30	21.40	19.30	6,747	12,840	14,668
NC	13.00	10.00	13.50	7,150	6,600	10,125
SC	23.00	25.00	28.00	5,520	4,675	4,480
TX	13.50	14.50	23.80	1,512	4,191	2,689
VA	12.50	11.50	22.00	6,300	6,325	8,822
Total	18.90	17.60	19.40	184,526	202,514	221,379
HI	43.00	40.00	41.00	2,064	2,160	2,460
US	19.00	17.70	19.50	186,590	204,674	223,839

**Eggplant for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
FL	2,200	2,300	2,200	2,200	2,300	2,200
NJ	900	1,000	1,000	900	1,000	1,000
US	3,100	3,300	3,200	3,100	3,300	3,200
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
FL	240	260	240	528	598	528
NJ	205	195	240	185	195	240
US	230	240	240	713	793	768
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
FL	28.00	26.00	29.40	14,784	15,548	15,523
NJ	23.60	17.60	25.30	4,366	3,432	6,072
US	26.90	23.90	28.10	19,150	18,980	21,595

**Escarole/Endive for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
FL	2,100	1,700	1,600	1,900	1,600	1,500
NJ	1,000	900	900	900	900	900
OH	800	700	600	760	600	530
US	3,900	3,300	3,100	3,560	3,100	2,930
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
FL	160	175	220	304	280	330
NJ	190	180	165	171	162	149
OH	180	190	190	137	114	101
US	172	179	198	612	556	580
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
FL	19.00	25.00	35.00	5,776	7,000	11,550
NJ	24.10	22.30	28.40	4,121	3,613	4,232
OH	25.40	23.00	23.70	3,480	2,622	2,394
US	21.90	23.80	31.30	13,377	13,235	18,176

**Honeydews for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	3,800	4,100	3,900	3,800	4,100	3,900
CA	20,300	20,500	20,500	20,300	20,500	20,500
TX	3,400	3,300	2,500	3,200	2,000	2,300
US	27,500	27,900	26,900	27,300	26,600	26,700
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	170	175	200	646	718	780
CA	170	180	190	3,451	3,690	3,895
TX	200	210	190	640	420	437
US	174	182	191	4,737	4,828	5,112
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	17.20	18.50	15.20	11,111	13,283	11,856
CA	16.50	18.50	19.30	56,942	68,265	75,174
TX	19.30	22.60	38.10	12,352	9,492	16,650
US	17.00	18.90	20.30	80,405	91,040	103,680

**Head Lettuce for Fresh Market: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ						
Western	57,000	52,000	51,000	57,000	51,800	51,000
Other	2,400	3,000	3,600	2,400	3,000	3,600
CA	150,500	141,000	142,000	150,500	141,000	142,000
CO	2,900	2,500	2,800	2,700	2,300	2,700
NJ	1,400	1,300	1,300	1,300	1,300	1,300
NM	2,100	2,400	4,300	1,900	2,000	2,900
NY	900	800	700	800	700	600
WA	1,100	1,000	900	1,000	900	900
US	218,300	204,000	206,600	217,600	203,000	205,000
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ						
Western	285	325	350	16,245	16,835	17,850
Other	195	170	202	468	510	727
CA	290	350	315	43,645	55,650	44,730
CO	220	330	320	594	759	864
NJ	280	280	200	364	364	260
NM	240	300	255	456	600	740
NY	100	280	275	80	196	165
WA	220	200	210	220	180	189
US	285	370	320	62,072	75,094	65,525

**Head Lettuce for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ						
Western	13.10	11.60	16.20	212,810	195,286	289,170
Other	13.60	18.00	23.60	6,365	9,180	17,157
CA	15.40	19.40	14.70	672,133	1,079,610	657,531
CO	7.00	14.60	10.80	4,158	11,081	9,331
NJ	22.60	27.10	32.20	8,226	9,864	8,372
NM	12.40	22.40	9.35	5,654	13,440	6,919
NY	13.00	15.00	20.00	1,040	2,940	3,300
WA	10.00	15.10	14.30	2,200	2,718	2,703
US	14.70	17.60	15.20	912,586	1,324,119	994,483

**Leaf Lettuce for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	4,300	5,800	7,000	4,300	5,700	7,000
CA	36,000	42,000	42,000	36,000	42,000	42,000
FL	500	280	250	450	260	250
OH	630	700	700	580	650	670
US	41,430	48,780	49,950	41,330	48,610	49,920
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	335	275	270	1,441	1,568	1,890
CA	210	205	215	7,560	8,660	9,030
FL	170	100	175	77	26	44
OH	190	205	185	110	133	124
US	222	214	222	9,188	10,387	11,088
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	36.00	31.70	21.00	51,876	49,706	39,690
CA	25.10	28.30	30.80	189,756	245,385	278,124
FL	29.60	29.50	46.00	2,279	767	2,024
OH	24.70	25.50	26.10	2,717	3,392	3,236
US	26.80	28.80	29.10	246,628	299,250	323,074

**Romaine Lettuce for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	7,400	8,300	9,800	7,400	8,200	9,800
CA	23,500	25,000	29,000	23,500	25,000	29,000
FL	1,500	700	1,000	1,400	600	1,000
OH	500	600	680	500	550	650
US	32,900	34,600	40,480	32,800	34,350	40,450
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	240	320	310	1,776	2,624	3,038
CA	275	280	280	6,463	7,000	8,120
FL	165	215	225	231	129	225
OH	195	190	180	98	105	117
US	261	287	284	8,568	9,858	11,500
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	19.50	19.50	21.00	34,632	51,168	63,798
CA	18.60	19.20	22.00	120,212	134,400	178,640
FL	19.10	20.10	40.00	4,412	2,593	9,000
OH	24.70	26.50	24.40	2,420	2,783	2,855
US	18.90	19.40	22.10	161,676	190,944	254,293

**Onions: Area Planted and Harvested by Season, State,
and United States, 1996-98**

Season and State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Spring						
AZ	2,100	2,100	2,500	1,900	2,100	2,500
CA	10,100	9,900	7,000	9,600	9,600	6,800
GA	16,000	16,200	15,000	14,700	15,800	13,900
TX	15,300	12,400	12,000	13,000	9,800	11,400
Total	43,500	40,600	36,500	39,200	37,300	34,600
Summer						
Non-Storage						
NV	1,900	1,800	2,100	1,900	1,700	2,100
NM	7,200	7,900	7,300	7,100	7,700	7,200
TX	4,400	4,200	4,200	4,200	4,000	4,000
WA	900	900	850	700	900	850
Total	14,400	14,800	14,450	13,900	14,300	14,150
Storage ¹						
CA ²	33,500	32,400	32,000	33,500	31,300	30,000
CO	18,000	18,000	16,500	16,000	15,300	16,000
ID	8,800	8,400	8,200	8,600	8,200	8,000
MI	6,200	5,000	4,900	5,800	4,900	4,500
MN	530	650	490	520	600	470
NY	12,300	12,500	13,100	11,400	12,200	12,500
OH	500	520	530	490	510	520
OR						
Malheur	12,200	12,200	12,200	12,000	12,000	12,000
West	6,500	7,600	7,600	6,300	7,400	7,500
UT	2,200	2,400	2,500	2,100	2,300	2,400
WA	14,800	17,800	19,800	14,500	17,500	19,500
WI	2,000	2,200	2,100	1,900	2,100	2,000
Total	117,530	119,670	119,920	113,110	114,310	115,390
Total Summer	131,930	134,470	134,370	127,010	128,610	129,540
US	175,430	175,070	170,870	166,210	165,910	164,140
Processed ³						

¹ Includes some quantities of storage crop onions harvested but not sold because of shrinkage and loss.

² Includes fresh and processed.

³ CA only, acreage not available.

**Onions: Yield and Production by Season, State,
and United States, 1996-98**

Season and State	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Spring						
AZ	400	355	470	760	746	1,175
CA	385	450	440	3,696	4,320	2,992
GA	120	220	160	1,764	3,476	2,224
TX	310	215	255	4,030	2,107	2,907
Total	261	285	269	10,250	10,649	9,298
Summer						
Non-Storage						
NV	580	540	440	1,102	918	924
NM	460	470	460	3,266	3,619	3,312
TX	220	260	290	924	1,040	1,160
WA	380	370	300	266	333	255
Total	400	413	399	5,558	5,910	5,651
Storage ¹						
CA ²	430	440	440	14,405	13,772	13,200
CO	325	350	380	5,200	5,355	6,080
ID	650	690	580	5,590	5,658	4,640
MI	310	320	270	1,798	1,568	1,215
MN	220	300	320	114	180	150
NY	240	300	300	2,736	3,660	3,750
OH	380	415	310	186	212	161
OR						
Malheur	590	620	510	7,080	7,440	6,120
West	380	450	440	2,394	3,330	3,300
UT	470	485	440	987	1,116	1,056
WA	490	520	500	7,105	9,100	9,750
WI	370	390	380	703	819	760
Total	427	457	435	48,298	52,210	50,182
Total Summer	424	452	431	53,856	58,120	55,833
US	386	414	397	64,106	68,769	65,131
Processed ³				8,460	9,160	9,327

¹ Includes some quantities of storage crop onions harvested but not sold because of shrinkage and loss.

² Includes fresh and processed.

³ CA only, yield not available.

Onions: Value by Season, State, and United States, 1996-98

Season and State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Spring						
AZ	8.60	12.60	15.30	6,505	9,403	17,978
CA	9.80	14.30	17.30	36,221	61,776	51,762
GA	30.50	25.60	30.90	53,800	88,990	68,722
TX	9.70	16.90	21.70	39,010	35,608	63,082
Total	13.20	18.40	21.70	135,536	195,777	201,544
Summer						
Non-Storage						
NV	14.50	14.50	14.00	15,979	13,311	12,396
NM	13.70	14.40	13.00	44,744	52,114	43,056
TX	12.90	14.00	23.40	11,920	14,560	27,144
WA	21.20	17.40	26.00	5,639	5,794	6,630
Total	14.10	14.50	15.80	78,282	85,779	89,226
Storage ¹						
CA ²	7.70	7.84	9.20	108,860	105,829	119,140
CO	13.60	12.50	15.60	51,626	49,538	77,844
ID	10.20	12.60	14.40	46,757	57,028	53,424
MI	10.80	8.90	11.00	15,541	11,170	10,692
MN	8.00	8.13	8.00	888	1,440	1,200
NY	9.80	12.70	15.30	22,911	42,024	51,638
OH	8.00	9.00	9.30	1,336	1,728	1,311
OR						
Malheur	10.10	12.60	14.80	56,489	69,376	69,116
West	9.10	15.60	14.40	18,836	43,633	39,485
UT	8.00	8.84	10.10	6,240	8,451	9,050
WA	9.14	12.10	12.70	54,840	93,775	102,108
WI	10.50	6.00	7.60	6,647	4,463	5,198
Total	9.39	10.90	12.50	390,971	488,455	540,206
Total Summer	9.95	11.40	12.90	469,253	574,234	629,432
US	10.50	12.60	14.30	604,789	770,011	830,976
Processed ³	5.60	5.74	6.55	47,376	52,578	61,092

¹ Includes some quantities of storage crop onions harvested but not sold because of shrinkage and loss.

² Includes fresh and processed.

³ CA only.

**Summer Storage Onions: Shrinkage and Loss by State
and United States, 1996-98**

State	1996	1997	1998
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	292	278	250
CO	1,404	1,392	1,090
ID	1,006	1,132	930
MI	359	313	243
MN	3	3	3
NY	391	351	375
OH	19	20	20
OR			
Malheur	1,487	1,934	1,450
West	335	533	558
UT	207	160	160
WA	1,105	1,350	1,710
WI	70	74	76
US	6,678	7,540	6,865

**Bell Peppers for Fresh Market and Processing: Area Planted and Harvested,
Yield, and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	25,500	21,000	22,000	25,500	21,000	22,000
FL	20,900	20,200	19,400	20,400	19,700	19,100
LA	650	450	400	600	400	380
MI	2,100	1,800	2,000	2,000	1,700	1,900
NJ	4,700	4,500	4,100	4,300	4,200	4,100
NC	7,700	5,800	6,300	7,300	5,500	5,700
OH	1,300	1,400	1,500	1,200	1,400	1,400
TX	4,200	1,700	1,600	4,000	1,600	1,500
VA	1,000	800	800	800	700	700
US	68,050	57,650	58,100	66,100	56,200	56,780
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	300	300	285	7,650	6,300	6,270
FL	300	300	295	6,120	5,910	5,635
LA	150	200	190	90	80	72
MI	200	220	210	400	374	399
NJ	220	260	230	946	1,092	943
NC	90	120	80	657	660	456
OH	150	145	190	180	203	266
TX	135	175	120	540	280	180
VA	70	85	125	56	60	88
US	252	266	252	16,639	14,959	14,309

**Bell Peppers for Fresh Market and Processing: Value by State,
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	22.70	24.60	27.20	173,506	155,040	170,374
FL	36.40	42.60	43.60	222,768	251,766	245,686
LA	24.00	25.00	23.00	2,160	2,000	1,656
MI	18.40	20.90	24.00	7,360	7,817	9,576
NJ	25.30	26.40	29.70	23,934	28,829	28,007
NC	21.00	25.00	24.00	13,797	16,500	10,944
OH	23.20	30.50	26.90	4,176	6,192	7,155
TX	32.30	34.60	36.00	17,442	9,688	6,480
VA	18.00	28.00	38.00	1,008	1,680	3,344
US	28.00	32.10	33.80	466,151	479,512	483,222

**Spinach for Fresh Market: Area Planted and Harvested, Yield,
Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	9,000	15,200	15,000	9,000	15,200	15,000
CO	2,800	2,900	2,000	2,500	2,000	1,900
MD	1,400	1,200	1,600	1,400	1,200	1,600
NJ	2,200	2,100	2,100	2,100	1,900	2,000
TX	3,000	3,100	2,700	2,800	2,400	2,500
US	18,400	24,500	23,400	17,800	22,700	23,000
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	150	175	160	1,350	2,660	2,400
CO	60	52	50	150	104	95
MD	50	89	50	70	107	80
NJ	100	125	90	210	238	180
TX	55	65	90	154	156	225
US	109	144	130	1,934	3,265	2,980
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	30.90	31.20	36.10	41,715	82,992	86,640
CO	28.60	32.00	40.00	4,290	3,328	3,800
MD	15.00	41.00	35.00	1,050	4,387	2,800
NJ	28.20	25.60	36.90	5,922	6,093	6,642
TX	24.40	35.40	39.40	3,758	5,522	8,865
US	29.30	31.30	36.50	56,735	102,322	108,747

**Tomatoes For Fresh Market: Area Planted and Harvested
by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AL	2,600	2,400	1,800	2,400	2,100	1,200
AR	1,200	1,200	1,500	1,000	1,100	1,400
CA	37,400	34,000	32,000	37,400	34,000	32,000
FL	41,500	39,400	40,600	40,800	39,200	40,600
GA	3,400	3,600	3,600	3,000	3,500	3,500
IN	1,700	1,700	1,600	1,600	1,600	1,500
LA	330	320	300	310	310	260
MD	2,200	2,200	2,200	2,000	2,000	2,100
MA	500	510	500	450	420	450
MI	2,600	3,000	3,000	2,400	2,500	2,700
NJ	4,500	4,200	3,900	4,100	3,900	3,900
NY	2,100	3,400	3,400	1,900	3,200	3,300
NC	2,000	2,200	2,300	1,800	2,000	2,200
OH	3,400	3,500	3,300	3,300	3,400	3,000
PA	4,500	4,700	4,500	4,400	3,800	4,400
SC	3,500	3,300	3,300	3,400	3,200	3,200
TN	3,900	3,800	3,400	3,700	3,600	3,200
TX	3,000	1,400	1,700	2,800	1,300	1,400
VA	3,800	3,900	4,000	3,600	3,700	3,800
Total	124,130	118,730	116,900	120,360	114,830	114,110
HI	280	360	400	280	360	400
US	124,410	119,090	117,300	120,640	115,190	114,510

**Tomatoes for Fresh Market: Yield and Production
by State and United States, 1996-98**

State	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AL	125	150	160	312	315	192
AR	130	210	240	130	231	336
CA	280	285	270	10,472	9,860	8,640
FL	355	350	340	14,484	13,720	13,804
GA	400	420	260	1,200	1,470	910
IN	135	145	160	216	232	240
LA	150	190	160	47	59	42
MD	135	130	150	270	260	315
MA	150	140	165	68	59	74
MI	180	160	200	432	400	540
NJ	170	185	190	697	722	741
NY	80	120	140	152	384	462
NC	250	300	280	450	600	616
OH	255	190	245	842	646	735
PA	150	130	120	660	494	528
SC	300	200	280	1,020	640	896
TN	215	240	250	796	864	800
TX	110	200	100	308	260	140
VA	280	395	303	1,008	1,462	1,151
Total	279	285	273	33,564	32,678	31,162
HI	250	275	240	70	99	96
US	279	285	273	33,634	32,777	31,258

**Tomatoes for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	22.00	24.00	31.00	6,875	7,560	5,952
AR	38.00	34.00	34.50	4,940	7,854	11,592
CA	24.80	26.50	32.80	259,706	261,630	283,392
FL	30.90	35.50	36.70	447,556	487,060	506,607
GA	24.30	25.70	31.50	29,160	37,779	28,665
IN	46.20	43.80	52.00	9,979	10,162	12,480
LA	40.00	50.00	45.00	1,880	2,950	1,890
MD	35.00	28.00	32.00	9,450	7,280	10,080
MA	85.00	80.00	100.00	5,780	4,720	7,400
MI	24.20	24.20	38.50	10,454	9,680	20,790
NJ	33.80	36.70	39.20	23,559	26,497	29,047
NY	22.10	29.10	29.00	3,359	11,174	13,398
NC	27.00	24.50	27.00	12,150	14,700	16,632
OH	26.60	46.00	38.70	22,397	29,716	28,445
PA	19.50	25.00	26.00	12,870	12,350	13,728
SC	33.00	35.10	27.00	33,660	22,440	24,192
TN	24.00	27.00	38.00	19,104	23,328	30,400
TX	18.00	34.00	37.80	5,544	8,840	5,292
VA	24.70	33.80	35.00	24,898	49,415	40,285
Total	28.10	31.70	35.00	943,321	1,035,135	1,090,267
HI	53.00	53.00	54.00	3,710	5,247	5,184
US	28.20	31.70	35.00	947,031	1,040,382	1,095,451

**Watermelons for Fresh Market: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AL	10,700	6,900	5,300	9,000	5,000	5,300
AZ	7,300	7,200	7,300	7,300	7,200	7,300
AR	3,000	3,000	2,500	2,600	2,700	2,200
CA	17,100	17,000	16,900	17,100	17,000	16,900
DE	2,400	2,300	2,100	2,400	2,300	2,100
FL	40,000	33,000	35,000	34,000	30,000	32,000
GA	36,000	27,000	27,000	30,000	25,000	23,000
IN	7,400	7,100	6,900	7,200	6,600	6,200
LA	2,900	2,700	2,400	2,300	2,100	2,000
MD	2,700	2,900	2,900	2,600	2,800	2,800
MS	6,600	5,000	4,700	5,400	4,000	4,000
MO	5,800	4,800	5,200	5,600	4,700	4,900
NC	9,900	8,800	9,900	9,500	8,500	9,000
OK	13,000	10,000	10,000	10,000	8,000	7,500
SC	11,000	10,500	11,000	9,500	9,200	8,800
TX	47,000	48,900	41,000	44,000	43,400	38,400
Total	222,800	197,100	190,100	198,500	178,500	172,400
HI	760	800	790	760	800	790
US	223,560	197,900	190,890	199,260	179,300	173,190
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AL	94	85	100	846	425	370
AZ	295	310	300	2,154	2,232	2,190
AR	110	150	145	286	405	319
CA	440	460	400	7,524	7,820	6,760
DE	350	380	380	840	874	798
FL	210	250	225	7,140	7,500	7,200
GA	225	210	220	6,750	5,250	5,060
IN	290	290	295	2,088	1,914	1,829
LA	200	140	110	460	294	220
MD	160	300	213	416	840	596
MS	90	60	61	486	240	244
MO	250	240	235	1,400	1,128	1,152
NC	145	150	160	1,378	1,275	1,440
OK	94	100	94	940	800	705
SC	110	150	150	1,045	1,380	1,320
TX	200	170	170	8,800	7,378	6,528
Total	214	223	213	42,553	39,755	36,731
HI	225	210	200	171	168	158
US	214	223	213	42,724	39,923	36,889

**Watermelons for Fresh Market: Value by State
and United States, 1996-98**

State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	4.00	6.10	7.20	3,384	2,592	2,664
AZ	7.20	7.80	8.00	15,444	17,343	17,520
AR	6.00	5.00	6.50	1,716	2,025	2,074
CA	10.50	10.90	12.30	79,002	85,283	83,148
DE	5.20	5.20	8.50	4,368	4,545	6,783
FL	7.00	7.30	8.35	49,980	54,750	60,120
GA	4.00	5.50	5.00	27,000	28,875	25,300
IN	4.60	5.90	7.10	9,626	11,216	12,986
LA	5.10	7.00	6.20	2,346	2,058	1,364
MD	9.00	8.00	8.00	3,744	6,720	4,768
MS	4.70	6.10	6.26	2,260	1,464	1,527
MO	3.20	4.90	5.30	4,424	5,505	6,106
NC	4.50	5.50	5.70	6,201	7,013	8,208
OK	5.90	6.50	7.20	5,546	5,200	5,076
SC	4.00	6.50	6.00	4,180	8,970	7,920
TX	5.50	7.92	5.46	48,136	58,434	35,643
Total	6.28	7.60	7.66	267,357	301,993	281,207
HI	16.50	18.00	21.00	2,822	3,024	3,318
US	6.32	7.64	7.71	270,179	305,017	284,525

**Misc. Crops for Fresh Market and Processing: Area Planted and Harvested,
Yield, Production, and Value, California, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Artichokes	8,900	9,300	10,700	8,900	9,300	10,700
Brussels	3,800	3,200	3,200	3,800	3,200	3,200
Sprouts	35,000	33,000	35,000	35,000	33,000	34,000
Garlic						
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Artichokes	100	100	85	890	930	910
Brussels	180	160	160	684	512	512
Sprouts	175	170	145	6,125	5,610	4,930
Garlic						
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Artichokes	73.50	79.50	69.10	65,416	73,910	62,899
Brussels	29.40	41.40	43.50	20,120	21,180	22,249
Sprouts	32.10	47.90	34.80	196,333	268,776	171,621
Garlic						

**Asparagus for Fresh Market and Processing: Area Planted and Harvested,
Yield, Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	33,000	34,100	34,000	29,000	30,100	32,200
IL	300	200	200	300	200	200
MI	18,000	18,000	18,000	17,500	17,500	17,500
NJ	1,000	1,000	1,000	900	1,000	1,000
WA	24,000	24,000	23,000	23,000	23,000	22,000
Oth Sts ¹	2,860	2,230	2,030	2,860	2,230	2,030
US	79,160	79,530	78,230	73,560	74,030	74,930
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	26	27	28	754	813	902
IL	9	11	9	3	2	2
MI	17	15	16	298	263	280
NJ	40	23	27	36	23	27
WA	36	36	36	828	828	792
Oth Sts ¹	24	43	21	70	97	43
US	27	27	27	1,989	2,026	2,046
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	85.80	115.00	140.00	64,691	93,224	126,024
IL	120.00	71.00	149.00	360	141	298
MI	67.50	67.70	62.40	20,110	17,792	17,480
NJ	107.00	107.00	84.20	3,852	2,461	2,273
WA	76.50	77.50	77.40	63,312	64,204	61,292
Oth Sts ¹	61.40	47.10	76.90	4,298	4,568	3,305
US	78.70	90.00	103.00	156,623	182,390	210,672

¹ IN, MD, MN, and OR.

**Asparagus for Fresh Market and Processing: Production and Value
by Utilization, State, and United States, 1996-98**

Utilization and State	Production					
	1996	1997	1998	1996	1997	1998
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>			
Fresh Market						
MI	33	39	40			
NJ	36	23	27			
WA	268	308	352			
Oth Sts ¹	777	878	914			
US	1,114	1,248	1,333			
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
Processing						
MI	13,260	11,200	12,000			
WA	28,000	26,000	22,000			
Oth Sts ¹	2,520	1,720	1,645			
US	43,780	38,920	35,645			
Canning	35,030	28,410	28,960			
Freezing	8,750	10,510	6,685			
	Value					
	Per Unit			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Fresh Market						
MI	79.00	80.00	65.00	2,607	3,120	2,600
NJ	107.00	107.00	84.20	3,852	2,461	2,273
WA	114.00	108.00	101.00	30,552	33,264	35,552
Oth Sts ¹	85.50	109.00	139.00	66,469	95,974	127,539
US	92.90	108.00	126.00	103,480	134,819	167,964
	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Processing						
MI	1,320.00	1,310.00	1,240.00	17,503	14,672	14,880
WA	1,170.00	1,190.00	1,170.00	32,760	30,940	25,740
Oth Sts ¹	1,140.00	1,140.00	1,270.00	2,880	1,959	2,088
US	1,210.00	1,220.00	1,200.00	53,143	47,571	42,708
Canning	1,220.00	1,210.00	1,190.00	42,706	34,292	34,485
Freezing	1,190.00	1,260.00	1,230.00	10,437	13,279	8,223

¹ CA, IL, IN, MD, MN, and OR.

**Broccoli for Fresh Market and Processing: Area Planted and Harvested,
Yield, Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	10,200	11,000	11,500	10,000	11,000	11,000
CA	122,000	119,000	121,000	122,000	119,000	121,000
TX	1,500	800	1,000	1,500	800	1,000
US	133,700	130,800	133,500	133,500	130,800	133,000
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	96	123	125	960	1,357	1,375
CA	120	130	140	14,640	15,470	16,940
TX	62	66	83	93	53	83
US	118	129	138	15,693	16,880	18,398
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	25.70	35.70	35.80	24,672	48,400	49,225
CA	26.60	27.90	29.70	388,753	431,301	502,875
TX	24.40	33.20	27.00	2,270	1,758	2,238
US	26.50	28.50	30.10	415,695	481,459	554,338

**Broccoli for Fresh Market and Processing: Production and Value
by Utilization, State, and United States, 1996-98**

Utilization and State	Production					
	1996		1997		1998	
	<i>1,000 Cwt</i>		<i>1,000 Cwt</i>		<i>1,000 Cwt</i>	
Fresh Market						
AZ	960		1,357		1,375	
Oth Sts ¹	13,468		14,387		15,900	
US	14,428		15,744		17,275	
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>	
Processing						
Oth Sts ¹	63,250		56,810		56,148	
US	63,250		56,810		56,148	
	Value					
	Per Unit			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>Dollars per Cwt</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Fresh Market						
AZ	25.70	35.70	35.80	24,672	48,400	49,225
Oth Sts ¹	27.20	28.40	30.40	366,522	409,023	483,344
US	27.10	29.10	30.80	391,194	457,423	532,569
	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>Dollars per Ton</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Processing						
Oth Sts ¹	387.00	423.00	388.00	24,501	24,036	21,769
US	387.00	423.00	388.00	24,501	24,036	21,769

¹ 1996-98 - CA and TX.

**Cauliflower for Fresh Market and Processing: Area Planted and Harvested,
Yield, Production, and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AZ	4,400	3,900	3,900	4,400	3,900	3,900
CA	41,500	37,500	40,000	41,500	37,500	40,000
MI	700	500	500	600	400	500
NY	1,100	1,100	1,400	1,000	1,000	1,400
TX ¹	700	700		700	700	
US	48,400	43,700	45,800	48,200	43,500	45,800
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AZ	175	200	210	770	780	819
CA	152	154	150	6,310	5,790	6,000
MI	130	140	150	78	56	75
NY	140	200	195	140	200	273
TX ¹	80	90		56	63	
US	153	158	156	7,354	6,889	7,167
	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ	33.00	33.20	45.80	25,410	25,896	37,510
CA	32.30	31.40	32.80	203,499	181,829	196,696
MI	30.30	25.90	23.80	2,367	1,420	1,786
NY	33.30	34.80	35.30	4,662	6,960	9,637
TX ¹	25.10	22.70		1,404	1,429	
US	32.30	31.60	34.30	237,342	217,534	245,629

¹ Estimate discontinued.

**Cauliflower for Fresh Market and Processing: Production and Value
by Utilization, State, and United States, 1996-98**

Utilization and State	Production					
	1996		1997		1998	
Fresh Market AZ Oth Sts ¹ US Processing Oth Sts ¹ US	1,000 Cwt		1,000 Cwt		1,000 Cwt	
	770		780		819	
	6,031		5,543		4,630	
	6,801		6,323		5,722	
	Tons		Tons		Tons	
	27,640		28,300		72,248	
	27,640		28,300		72,248	
	Value					
	Per Unit			Total		
	1996	1997	1998	1996	1997	1998
Fresh Market AZ Oth Sts ¹ US Processing Oth Sts ¹ US	Dollars per Cwt	Dollars per Cwt	Dollars per Cwt	1,000 Dollars	1,000 Dollars	1,000 Dollars
	33.00	33.20	45.80	25,410	25,896	37,510
	33.00	32.10	34.60	198,758	178,061	169,797
	33.00	32.30	36.20	224,168	203,957	207,307
	Dollars per Ton	Dollars per Ton	Dollars per Ton	1,000 Dollars	1,000 Dollars	1,000 Dollars
	477.00	480.00	530.00	13,174	13,577	38,322
	477.00	480.00	530.00	13,174	13,577	38,322

¹ 1996-98 - CA, MI, NY, OR, and TX.

**Strawberries for Fresh Market and Processing: Area Planted and Harvested,
Yield, and Production by Season, State, and United States, 1996-98 ¹**

Season and State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Winter						
FL	6,000	6,100	6,200	6,000	6,100	6,200
Spring						
AR	200	220	210	170	210	180
CA	25,200	22,600	24,200	25,200	22,600	24,200
LA	750	450	400	750	450	400
MI	1,700	1,600	1,500	1,500	1,500	1,400
NJ	450	500	500	450	450	450
NY	2,000	1,700	1,700	1,900	1,600	1,600
NC	2,000	1,700	1,700	1,800	1,500	1,600
OH	1,300	1,200	1,200	1,000	950	1,000
OR	6,100	5,500	4,500	5,200	5,000	4,400
PA	1,300	1,400	1,200	1,300	1,400	1,200
WA	1,300	1,400	1,500	1,300	1,400	1,500
WI	1,300	1,300	1,200	1,100	1,100	1,100
Total	43,600	39,570	39,810	41,670	38,160	39,030
US	49,600	45,670	46,010	47,670	44,260	45,230
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Winter						
FL	260	290	260	1,560	1,769	1,612
Spring						
AR	21	71	45	4	15	8
CA	540	590	580	13,608	13,334	14,036
LA	75	110	150	56	50	60
MI	40	65	68	60	98	95
NJ	35	44	44	16	20	20
NY	39	42	38	74	67	61
NC	90	120	125	162	180	200
OH	36	36	52	36	34	52
OR	92	100	115	478	500	506
PA	43	46	42	56	64	50
WA	81	65	80	105	91	120
WI	40	51	55	44	56	61
Total	353	380	391	14,699	14,509	15,269
US	341	368	373	16,259	16,278	16,881

¹ Excludes the following quantities not harvested or not marketed because of economic condition: 1997 - WA, 10,000 cwt. ; 1998 - WA, 5,000 cwt.

**Strawberries for Fresh Market and Processing: Value
by Season, State, and United States, 1996-98**

Season and State	Value					
	Per Cwt			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Winter						
FL	72.20	82.60	100.00	112,632	146,119	161,200
Spring						
AR	75.00	85.00	65.00	300	1,275	520
CA	43.00	51.50	55.80	584,860	686,418	782,923
LA	61.00	60.00	70.00	3,416	3,000	4,200
MI	75.20	75.60	74.60	4,512	7,411	7,089
NJ	68.80	83.30	44.20	1,101	1,666	884
NY	120.00	101.00	115.00	8,880	6,767	7,015
NC	67.00	70.00	75.00	10,854	12,600	15,000
OH	89.00	93.00	100.00	3,204	3,162	5,200
OR	47.80	39.50	51.00	22,835	19,750	25,820
PA	97.00	77.30	109.00	5,432	4,950	5,450
WA	62.90	49.70	50.30	6,605	4,520	6,040
WI	98.00	102.00	108.00	4,312	5,712	6,588
Total	44.70	52.20	56.80	656,311	757,231	866,729
US	47.30	55.50	60.90	768,943	903,350	1,027,929

**Strawberries for Fresh Market and Processing: Production
by Utilization, Season, State, and United States, 1996-98**

Utilization, Season, and State	Production		
	1996	1997	1998
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Fresh Market			
Winter			
FL	1,560	1,769	1,612
Spring			
AR	4	15	8
CA	9,989	9,618	9,386
LA	56	50	60
MI	56	87	82
NJ	16	20	20
NY	74	67	61
NC	162	180	200
OH	36	34	52
OR	48	35	26
PA	56	64	50
WA	25	23	20
WI	44	56	61
Total	10,566	10,249	10,026
US	12,126	12,018	11,638
Processing			
Spring			
CA	3,619	3,716	4,650
MI	4	11	13
OR	430	465	480
WA	80	68	100
US	4,133	4,260	5,243

**Strawberries for Fresh Market and Processing: Value by Utilization,
Season, State, and United States, 1996-98**

Utilization, Season, and State	Value					
	Per Unit			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars Per Cwt</i>	<i>Dollars Per Cwt</i>	<i>Dollars Per Cwt</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Fresh Market						
Winter						
FL	72.20	82.60	100.00	112,632	146,119	161,200
Spring						
AR	75.00	85.00	65.00	300	1,275	520
CA	52.50	61.40	68.70	524,423	590,545	644,818
LA	61.00	60.00	70.00	3,416	3,000	4,200
MI	78.00	80.00	79.00	4,368	6,960	6,478
NJ	68.80	83.30	44.20	1,101	1,666	884
NY	120.00	101.00	115.00	8,880	6,767	7,015
NC	67.00	70.00	75.00	10,854	12,600	15,000
OH	89.00	93.00	100.00	3,204	3,162	5,200
OR	75.30	86.00	70.00	3,614	3,010	1,820
PA	97.00	77.30	109.00	5,432	4,950	5,450
WA	85.00	96.00	92.00	2,125	2,208	1,840
WI	98.00	102.00	108.00	4,312	5,712	6,588
Total	54.10	62.60	69.80	572,029	641,855	699,813
US	56.50	65.60	74.00	684,661	787,974	861,013
Processing						
Spring						
CA	16.70	25.80	29.70	60,437	95,873	138,105
MI	36.00	41.00	47.00	144	451	611
OR	44.70	36.00	50.00	19,221	16,740	24,000
WA	56.00	34.00	42.00	4,480	2,312	4,200
US	20.40	27.10	31.80	84,282	115,376	166,916

**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Winter Season, 1996-98**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Snap Beans FL	Jan-Mar	10,000	10,000	11,500
Broccoli ¹ CA	Jan-Mar	29,500	30,000	30,500
Cabbage FL	Jan-Mar	5,000	4,000	4,800
TX	Jan-Mar	8,500	6,300	6,500
Total		13,500	10,300	11,300
Carrots CA	Jan-Mar	26,000	25,000	21,000
FL	Nov-Mar	3,800	5,200	4,100
TX	Dec-Mar	3,400	1,600	2,300
Total		33,200	31,800	27,400
Cauliflower ¹ CA	Jan-Mar	9,000	8,700	9,500
Celery CA	Jan-Mar	6,700	6,900	7,300
Sweet Corn FL	Jan-Mar	5,800	4,300	5,800
Eggplant FL	Jan-Mar	700	900	800
Escarole/Endive FL	Jan-Mar	850	600	750
Head Lettuce AZ - Western	Nov-Apr	57,000	51,800	51,000
CA	Jan-Mar	18,300	17,000	17,500
Total		75,300	68,800	68,500
Bell Peppers ¹ FL	Jan-Mar	6,000	5,000	4,300
Spinach TX	Jan-Mar	2,800	2,400	2,500
Tomatoes FL	Jan-Mar	11,700	10,800	11,300

¹ Includes fresh market and processing.

**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Spring Season, 1996-98**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Snap Beans				
FL	Apr-Jun	9,000	13,000	15,000
GA	Apr-Jun	5,800	4,500	6,200
NJ	Jun-Jul	1,000	1,100	1,300
SC	May-Aug	1,200	1,300	1,100
Total		17,000	19,900	23,600
Broccoli ¹				
CA	Apr-Jun	31,500	28,500	28,000
Cabbage				
FL	Apr-Jun	2,600	3,000	2,300
GA	Apr-Jun	3,000	3,500	4,000
NJ	Jun-Jul	1,100	1,000	1,000
TX	Apr-Jun	1,500	1,100	1,200
Total		8,200	8,600	8,500
Cantaloups				
AZ	Apr-Jun	9,500	11,500	9,800
CA	Apr-Jun	17,000	18,700	18,500
GA	Apr-Jun	1,900	2,100	3,000
TX	Apr-Jun	9,500	3,400	4,700
Total		28,400	35,700	36,000
Carrots				
CA	Apr-Jun	23,000	20,000	25,000
FL	Apr-Jun	1,800	2,400	1,500
TX	Apr-Jun	1,000	500	1,300
Total		25,800	22,900	27,800
Cauliflower ¹				
CA	Apr-Jun	11,500	10,000	10,000
Celery ¹				
CA	Apr-Jun	5,500	5,200	4,700
Sweet Corn				
CA	Apr-Jun	9,600	10,800	12,300
FL	Apr-Jun	29,900	31,800	28,900
Total		39,500	42,600	41,200

See footnotes at end of table.

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**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Spring Season, 1996-98 (continued)**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Cucumbers				
FL	Jan-Jun	6,600	6,700	5,700
SC	May-Aug	1,200	1,000	1,200
TX	Apr-Jun	700	600	600
Total		8,500	8,300	7,500
Eggplant				
FL	Apr-Jul	700	700	700
Escarole/Endive				
FL	Apr-Jun	650	600	600
NJ	May-Aug	400	400	400
Total		1,050	1,000	1,000
Honeydews				
CA	Apr-Jun	3,000	3,200	3,400
TX	Apr-Jun	3,200	2,000	2,300
Total		6,200	5,200	5,700
Head Lettuce				
AZ - Other	Apr-Jun	1,100	1,900	2,600
CA	Apr-Jun	43,300	40,000	38,000
NJ	May-Jul	800	800	800
NM	Apr-Jun	900	1,100	2,100
Total		45,200	42,700	43,500
Bell Peppers ¹				
FL	Apr-Jun	7,100	7,500	7,300
TX	Apr-Jun	800	300	300
Total		7,900	7,800	7,600
Tomatoes				
AL	Jun-Jul	650	600	300
AR	Jun-Aug	500	550	700
CA	Apr-Jun	6,700	7,800	6,800
FL	Apr-Jul	15,700	13,100	13,800
SC	May-Jul	3,400	3,200	3,200
TX	Apr-Jun	2,800	1,300	1,400
Total		29,250	26,000	26,200
Watermelons				
AL	Jun-Jul	3,800	2,100	2,200
AZ	Apr-Jun	6,700	6,500	7,300
CA	May-Jun	6,000	4,600	4,400
FL	Apr-Jun	34,000	30,000	32,000
TX	Apr-Jun	30,000	27,800	24,500
Total		73,800	71,000	70,400

¹ Includes fresh market and processing.

**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Summer Season, 1996-98**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Snap Beans				
GA	Jul-Sep	3,200	2,500	3,200
MD	Jul-Sep	1,800	1,500	2,100
MI	Jul-Oct	1,500	1,600	1,700
NY	Jul-Oct	3,900	5,100	5,300
VA	Jul-Sep	3,000	3,000	3,100
Total		17,300	18,200	20,100
Broccoli ¹				
CA	Jul-Sep	29,500	30,500	32,000
Cabbage				
GA	Jul-Sep	1,000	800	500
MI	Jun-Nov	1,700	1,900	2,000
NY	Jul-Dec	10,500	11,200	12,100
OH	Jul-Sep	1,500	1,400	1,200
WI	Aug-Oct	5,000	5,000	4,700
Total		19,700	20,300	20,500
Cantaloups				
CA	Jul-Sep	38,900	40,000	40,500
GA	Jul-Sep	1,600	2,000	2,000
TX	Jul-Sep	2,500	6,300	5,300
Total		43,000	48,300	47,800
Carrots				
CA	Jul-Sep	15,500	16,500	18,000
MI	Jul-Nov	5,000	5,300	5,000
NY	Jul-Dec	600	600	500
WA	Aug-Dec	2,500	2,800	3,000
Total		23,000	24,600	26,500
Cauliflower ¹				
CA	Jul-Sep	10,000	9,800	10,000
NY	Jul-Dec	1,000	1,000	1,400
Total		10,000	9,800	11,400
Celery ¹				
CA	Jul-Sep	4,900	5,200	5,500

See footnotes at end of table.

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**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Summer Season, 1996-98 (continued)**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Sweet Corn				
CA	Jul-Sep	11,200	12,400	12,500
CT	Jul-Oct	4,800	4,700	4,500
IL	Jul-Oct	7,600	7,500	6,800
MA	Jul-Oct	7,000	7,100	6,500
MI	Jul-Oct	10,500	11,500	11,500
NJ	Jul-Oct	10,500	11,500	10,600
NY	Jun-Oct	27,100	27,300	29,200
NC	Jun-Jul	6,000	6,500	6,600
OH	Jul-Sep	14,700	14,200	14,000
PA	Jul-Sep	17,000	16,000	17,100
WI	Jul-Sep	6,800	7,500	7,900
Total		102,500	78,200	127,200
Cucumbers				
NJ	Jun-Aug	2,900	3,200	3,100
NY	Jul-Oct	3,900	3,000	3,800
VA	Jul-Sep	2,100	2,000	2,100
Total		8,900	5,200	9,000
Eggplant				
NJ	Jul-Nov	900	1,000	1,000
Honeydews				
AZ	Jun-Sep	2,800	2,400	2,400
CA	Jul-Sep	13,500	13,500	13,300
Total		13,500	15,900	15,700
Head Lettuce				
CA	Jul-Sep	50,000	49,000	51,000
CO	Jul-Sep	2,700	2,300	2,700
NY	Jun-Oct	800	700	600
Total		52,700	51,300	54,300
Bell Peppers ¹				
NJ	Jul-Nov	4,300	4,200	4,100
Tomatoes				
AL	Jul-Sep	1,750	1,500	900
AR	Jul-Sep	500	550	700
CA	Jul-Sep	18,800	17,400	16,200
MI	Jun-Nov	2,400	2,500	2,700
NJ	Jul-Oct	4,100	3,900	3,900
NY	Jul-Oct	1,900	3,200	3,300
PA	Jul-Oct	4,400	3,800	4,400
VA	Jul-Oct	3,600	3,700	3,800
Total		35,050	36,000	35,900
Watermelons				
AL	Jul-Sep	5,200	2,900	3,100
CA	Jul-Sep	11,100	12,400	12,500
GA	Jul-Oct	30,000	25,000	23,000
MS	Jul-Aug	5,400	4,000	4,000
SC	Jul-Sep	9,500	9,200	8,800
TX	Jul-Sep	14,000	15,600	13,900
Total		75,200	69,100	65,300

¹ Includes fresh market and processing.

**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Fall Season, 1996-98**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Snap Beans				
FL	Oct-Dec	8,200	7,300	7,800
GA	Oct-Dec	4,500	5,000	2,600
MD	Oct-Nov	300	300	400
NJ	Aug-Oct	2,600	3,000	2,600
SC	Oct-Dec	600	400	500
VA	Sep-Oct	2,100	2,100	2,100
Total		18,300	18,100	16,000
Broccoli ¹				
CA	Oct-Dec	31,500	30,000	30,500
Cabbage				
FL	Oct-Dec	500	400	400
GA	Oct-Dec	3,000	3,700	3,000
NJ	Sep-Nov	1,200	1,100	1,000
TX	Sep-Nov	900	1,100	800
Total		5,600	6,300	5,200
Cantaloups				
AZ	Sep-Dec	8,200	6,200	8,700
CA	Oct-Dec	3,100	3,600	4,000
Total		3,100	9,800	12,700
Carrots				
CA	Oct-Dec	21,200	21,700	22,500
TX	Sep-Nov	500	300	400
Total		21,700	22,000	22,900
Cauliflower ¹				
CA	Oct-Dec	11,000	9,000	10,500
Celery ¹				
CA	Oct-Dec	7,400	6,700	7,000
Sweet Corn				
CA	Oct-Dec	3,300	3,800	4,000
FL	Sep-Dec	7,500	6,600	5,600
Total		10,800	10,400	9,600

See footnotes at end of table.

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**Selected Fresh Market Vegetables and Melons: Area Harvested
by Crop, State, and Total, Fall Season, 1997-99 (continued)**

Crop and State	Usual Harvest Period	Area Harvested		
		1996	1997	1998
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Cucumbers				
FL	Oct-Dec	4,200	3,900	3,500
SC	Oct-Dec	800	700	800
TX	Aug-Nov	900	1,100	900
VA	Sep-Oct	2,100	2,400	2,400
Total		8,000	8,100	7,600
Eggplant				
FL	Oct-Dec	800	700	700
Escarole/Endive				
FL	Oct-Dec	400	400	150
NJ	Sep-Oct	500	500	500
Total		900	900	650
Honeydews				
AZ	Oct-Dec	1,000	1,700	1,500
CA	Oct-Dec	3,800	3,800	3,800
Total		3,800	3,800	5,300
Head Lettuce				
AZ - Other	Sep-Dec	1,300	1,100	1,000
CA	Oct-Nov	38,900	35,000	35,500
NJ	Sep-Nov	500	500	500
NM	Oct-Nov	1,000	900	800
Total		39,400	35,500	37,800
Bell Peppers ¹				
FL	Oct-Dec	7,300	7,200	7,500
TX	Aug-Nov	3,200	1,300	1,200
Total		10,500	8,500	8,700
Tomatoes				
CA	Oct-Dec	11,900	8,800	9,000
FL	Sep-Dec	13,400	15,300	15,500
Total		25,300	24,100	24,500
Watermelons				
AZ	Sep-Dec	600	700	

¹ Includes fresh market and processing.

Processing Production Down 5 Percent from 1997

Processing production of 10 selected vegetables in 1998 totaled 15.5 million tons, down 5 percent from 1997. Area harvested, at 1.5 million acres, was up 1 percent from last year. Production decreases were registered in 9 of the 10 crops. Crops showing the largest declines were tomatoes, sweet corn, and snap beans, down 6, 3, and 3 percent, respectively. The only crop showing an increase in production was green peas with an increase of 1 percent. Processing crop value, at 1.28 billion dollars, was down 7 percent from last year. California leads the nation with 22 percent of the harvested acreage, 59 percent of the production, and 43 percent of the value.

Leading Processing Vegetable States in 1998 ¹

Rank	Area Harvested		Production		Value	
	State	Percent of Total	State	Percent of Total	State	Percent of Total
1	CA	21.9	CA	59.3	CA	42.6
2	WI	16.8	WI	8.1	WI	9.0
3	MN	14.7	WA	7.5	WA	8.8
4	WA	11.7	MN	6.5	MN	8.2
5	OR	6.8	OR	3.6	OR	5.4

¹ Lima beans, snap beans, beets, cabbage, carrots, sweet corn, cucumbers for pickles, peas, spinach, and tomatoes.

**Principal Vegetables for Processing: Area Planted and Harvested,
Production, and Value by Crop, United States, 1996-98
(Domestic Units)**

Crop	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Beans, Lima	51,600	56,190	52,880	50,800	54,430	50,740
Beans, Snap	219,430	204,580	204,600	207,050	195,080	191,000
Beets	10,310	7,880	6,690	10,210	7,560	6,690
Cabbage	7,460	5,870	6,810	7,290	5,490	6,750
Carrots	27,640	23,610	24,880	25,720	22,360	23,780
Corn, Sweet	492,000	478,900	486,400	474,200	465,800	467,300
Cucumbers	110,740	107,280	105,370	105,200	103,370	102,070
Peas, Green	261,700	294,900	298,100	249,800	271,200	273,000
Spinach	16,710	15,170	14,560	15,610	14,320	12,700
Tomatoes	345,390	293,720	302,260	339,140	283,390	299,760
10 Crops	1,542,980	1,488,100	1,502,550	1,485,020	1,423,000	1,433,790
	Production			Value		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Beans, Lima	75,050	80,070	73,960	34,139	36,647	33,335
Beans, Snap	784,920	729,250	707,770	139,755	128,032	119,840
Beets	125,870	123,700	105,530	8,092	8,245	6,467
Cabbage	141,920	183,670	168,550	6,029	8,299	7,440
Carrots	590,460	569,450	549,280	39,526	38,396	37,537
Corn, Sweet	3,296,330	3,342,330	3,250,730	258,840	250,329	239,385
Cucumbers	563,689	620,100	615,310	139,985	145,371	139,891
Peas, Green	417,672	480,090	483,840	118,910	138,496	136,622
Spinach	143,850	127,690	110,190	14,465	13,347	14,144
Tomatoes	11,407,301	9,973,259	9,394,810	711,043	605,107	542,510
10 Crops	17,547,062	16,229,609	15,459,970	1,470,784	1,372,269	1,277,171
Asparagus	43,780	38,920	35,645	53,143	47,571	42,708
Broccoli	63,250	56,810	56,148	24,501	24,036	21,769
Cauliflower	27,640	28,300	72,248	13,174	13,577	38,322
3 Crops	134,670	124,030	164,041	90,818	85,184	102,799
13 Crops	17,681,732	16,353,639	15,624,011	1,561,602	1,457,453	1,379,970

**Principal Vegetables for Processing: Area Planted and Harvested,
and Production by Crop, United States, 1996-98
(Metric Units)**

Crop	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Beans, Lima	20,882	22,740	21,400	20,558	22,027	20,534
Beans, Snap	88,801	82,791	82,800	83,791	78,947	77,296
Beets	4,172	3,189	2,707	4,132	3,059	2,707
Cabbage	3,019	2,376	2,756	2,950	2,222	2,732
Carrots	11,186	9,555	10,069	10,409	9,049	9,624
Corn, Sweet	199,107	193,806	196,841	191,904	188,505	189,112
Cucumbers	44,815	43,415	42,642	42,573	41,833	41,307
Peas, Green	105,907	119,343	120,638	101,092	109,752	110,480
Spinach	6,762	6,139	5,892	6,317	5,795	5,140
Tomatoes	139,776	118,866	122,322	137,247	114,685	121,310
10 Crops ¹	624,429	602,219	608,067	600,973	575,874	580,240
Production						
	1996	1997	1998			
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>			
Beans, Lima	68,084	72,638	67,095			
Beans, Snap	712,068	661,565	642,078			
Beets	114,187	112,219	95,735			
Cabbage	128,748	166,623	152,906			
Carrots	535,656	516,596	498,299			
Corn, Sweet	2,990,381	3,032,112	2,949,013			
Cucumbers	511,370	562,545	558,200			
Peas, Green	378,906	435,530	438,932			
Spinach	130,499	115,838	99,963			
Tomatoes	10,348,532	9,047,591	8,522,831			
10 Crops ¹	15,918,431	14,723,258	14,025,053			
Asparagus	39,717	35,308	32,337			
Broccoli	57,379	51,537	50,937			
Cauliflower	25,075	25,673	65,542			
3 Crops ¹	122,171	112,518	148,816			
13 Crops ¹	16,040,602	14,835,776	14,173,868			

¹ Totals may not add due to rounding.

**Principal Vegetables for Processing: Area Planted and Harvested
by State and United States, 1996-98 ¹**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
AR	7,300	4,300	3,700	6,500	3,900	2,890
CA	358,280	308,100	318,500	352,380	297,480	313,900
CO	1,120	780	160	1,120	720	160
DE	33,780	34,680	43,060	33,680	33,380	42,660
GA	4,900	5,000	5,100	4,700	5,000	5,100
IL	54,990	43,690	42,100	53,090	41,770	39,400
IA	9,710	6,800	8,800	9,310	5,900	8,200
MD	24,100	23,220	22,300	23,700	22,110	21,900
MI	62,000	57,900	56,900	58,500	56,400	54,800
MN	219,380	228,620	229,580	206,020	211,000	211,330
MO	6,800	9,700	8,700	6,800	9,700	8,500
NJ	12,400	7,500	10,300	11,600	7,100	10,300
NY	86,850	90,130	90,230	84,200	87,580	84,910
OH	16,760	14,290	11,750	16,040	13,860	10,990
OK	3,600	3,100	3,500	2,500	2,900	2,500
OR	99,110	98,980	97,660	97,980	97,780	96,860
PA		16,050	14,380		15,250	10,780
TN	8,500	10,100	5,900	8,300	9,900	5,100
TX	34,600	24,400	24,100	33,400	22,000	22,600
VA	4,080	1,910	1,910	4,080	1,850	1,870
WA	139,350	162,480	172,960	135,050	159,580	168,160
WI	271,110	266,190	257,790	256,010	250,090	240,260
Oth Sts ²	84,260	70,180	73,170	80,060	67,750	70,620
US	1,542,980	1,488,100	1,502,550	1,485,020	1,423,000	1,433,790

¹ Excludes the dual usage crops (asparagus, broccoli, and cauliflower).

² 1996 - AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC.
1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC.
1998 - AL, FL, ID, IN, LA, ME, MA, NC, ND, and SC.

**Principal Vegetables for Processing: Production and Value
by State and United States, 1996-98 ¹**

State	Production			Value		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AR	26,250	17,000	7,460	6,770	3,684	1,498
CA	10,962,421	9,576,519	9,165,160	704,171	598,232	544,202
CO	11,100	6,080	1,440	1,509	1,094	230
DE	102,491	103,640	132,520	17,167	18,037	26,492
GA	20,600	27,900	21,300	5,799	8,229	4,349
IL	236,460	178,620	146,190	35,470	27,240	22,133
IA	58,780	34,240	45,650	5,273	3,151	4,333
MD	133,100	102,130	106,380	14,822	13,003	16,133
MI	420,240	394,500	355,180	48,839	47,270	49,476
MN	886,550	974,330	997,820	101,875	106,257	104,374
MO	26,160	36,410	26,840	4,779	7,616	5,636
NJ	80,490	58,040	63,360	9,111	6,381	8,791
NY	432,710	510,420	459,610	44,479	43,304	49,790
OH	393,500	336,350	237,530	38,369	33,606	26,036
OK	10,000	11,600	7,000	1,188	1,379	834
OR	677,720	610,720	549,720	78,073	74,364	68,618
PA		75,250	65,310		10,604	9,162
TN	25,570	37,730	7,250	4,997	6,078	1,019
TX	182,470	191,780	146,720	27,229	26,074	30,020
VA	18,890	7,990	6,180	2,862	935	972
WA	997,000	1,136,290	1,157,960	94,590	108,896	112,022
WI	1,248,950	1,281,510	1,252,280	133,863	137,426	115,060
Oth Sts ²	595,610	520,560	501,110	89,549	89,409	75,991
US	17,547,062	16,229,609	15,459,970	1,470,784	1,372,269	1,277,171

¹ Excludes the dual usage crops (asparagus, broccoli, and cauliflower).

² 1996 - AL, FL, ID, IN, LA, ME, MA, NC, ND, PA, and SC.
1997 - 98 - AL, FL, ID, IN, LA, ME, MA, NC, and SC.

**Lima Beans for Processing: Area Planted and Harvested,
Yield, Production, and Value by Utilization
United States, 1996-98 ¹**

State and Utilization	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
US	51,600	56,190	52,880	50,800	54,430	50,740
Canning	9,560	12,520	10,780	9,350	12,400	10,570
Freezing	42,040	43,670	42,100	41,450	42,030	40,170
Fordhooks	5,300	5,400	3,300	5,200	5,300	3,200
Baby Limas	36,740	38,270	38,800	36,250	36,730	36,970
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
US	1.48	1.47	1.46	75,050	80,070	73,960
Canning	1.10	1.13	1.39	10,270	14,070	14,680
Freezing	1.56	1.57	1.48	64,780	66,000	59,280
Fordhooks	2.30	2.25	2.00	11,980	11,930	6,400
Baby Limas	1.46	1.47	1.43	52,800	54,070	52,880
	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
US	455.00	458.00	451.00	34,139	36,647	33,335
Canning	424.00	439.00	404.00	4,350	6,171	5,936
Freezing	460.00	462.00	462.00	29,789	30,476	27,399
Fordhooks	549.00	569.00	593.00	6,575	6,788	3,795
Baby Limas	440.00	438.00	446.00	23,214	23,688	23,604

¹ 1996-98 - CA, DE, IL, MD, MN, NJ, OR, TN, WA, and WI.

**Snap Beans for Processing: Area Planted and Harvested, Yield, and
Production by Utilization, State, and United States, 1996-98**

State and Utilization	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
IL	19,600	12,100	14,700	18,900	11,500	12,500
IN	1,200	4,000	4,300	670	4,000	4,100
MI	22,000	23,200	24,000	21,000	22,800	23,000
NY	21,100	23,500	21,200	20,200	22,800	20,800
OR	22,500	23,700	23,300	22,500	23,300	23,300
PA	6,800	9,200	6,800	6,400	9,100	3,700
WI	71,800	66,800	66,900	65,300	62,800	63,000
Oth Sts ¹	54,430	42,080	43,400	52,080	38,780	40,600
US	219,430	204,580	204,600	207,050	195,080	191,000
Canning	154,890	135,580	131,400	144,870	128,380	124,000
Freezing	64,540	69,000	73,200	62,180	66,700	67,000
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
IL	3.90	3.70	3.13	73,710	42,550	39,130
IN	2.31	2.24	2.53	1,550	8,960	10,370
MI	3.30	3.45	3.88	69,300	78,660	89,240
NY	3.50	3.40	3.70	70,700	77,520	76,960
OR	5.96	6.36	5.23	134,100	148,190	121,920
PA	3.02	2.60	2.19	19,300	23,000	8,100
WI	3.72	3.27	3.70	243,120	205,100	233,100
Oth Sts ¹	3.32	3.75	3.18	173,140	145,270	128,950
US	3.79	3.74	3.71	784,920	729,250	707,770
Canning	3.70	3.68	3.64	536,700	471,930	451,840
Freezing	3.99	3.86	3.82	248,220	257,320	255,930

¹ 1996-98 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, OK, TN, TX, VA, and WA.

**Snap Beans for Processing: Value by Utilization,
United States, 1996-98**

State and Utilization	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
IL	203.00	210.00	112.00	14,963	8,936	7,865
IN	147.00	152.00	183.00	228	1,362	1,898
MI	164.00	171.00	171.00	11,365	13,451	15,260
NY	186.00	148.00	176.00	13,150	11,473	13,545
OR	186.00	183.00	187.00	24,943	27,119	22,799
PA	235.00	220.00	256.00	4,536	5,001	2,074
WI	148.00	157.00	139.00	35,952	32,143	32,401
Oth Sts ¹	200.00	197.00	186.00	34,618	28,547	23,998
US	178.00	176.00	169.00	139,755	128,032	119,840
Canning	173.00	168.00	159.00	92,858	79,264	72,023
Freezing	189.00	190.00	187.00	46,897	48,768	47,817

¹ 1996-98 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, OK, TN, TX, VA, and WA.

**Beets for Canning: Area Planted and Harvested, Yield, Production,
and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
NY	4,200	2,700	2,300	4,200	2,700	2,300
WI	4,500	3,700	2,700	4,400	3,400	2,700
Oth Sts ¹	1,610	1,480	1,690	1,610	1,460	1,690
US	10,310	7,880	6,690	10,210	7,560	6,690
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
NY	9.90	15.00	12.00	41,580	40,500	27,600
WI	11.70	15.17	15.73	51,480	51,580	42,470
Oth Sts ¹	20.38	21.66	20.98	32,810	31,620	35,460
US	12.33	16.36	15.77	125,870	123,700	105,530
	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
NY	75.20	64.70	78.50	3,127	2,620	2,167
WI	52.70	71.80	45.50	2,713	3,703	1,932
Oth Sts ¹	68.60	60.80	66.80	2,252	1,922	2,368
US	64.30	66.70	61.30	8,092	8,245	6,467

¹ CA, MN, and OR.

**Cabbage for Kraut: Area Planted and Harvested, Yield, Production,
and Value by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
NY	3,000	2,300	3,000	3,000	2,300	3,000
WI	3,200	2,400	2,600	3,100	2,100	2,600
Oth Sts ¹	1,260	1,170	1,210	1,190	1,090	1,150
US	7,460	5,870	6,810	7,290	5,490	6,750
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
NY	15.50	30.10	20.60	46,500	69,230	61,800
WI	20.33	38.16	29.34	63,020	80,140	76,280
Oth Sts ¹	27.23	31.47	26.50	32,400	34,300	30,470
US	19.47	33.46	24.97	141,920	183,670	168,550
	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
NY	40.20	46.30	46.40	1,869	3,205	2,868
WI	41.90	43.10	39.80	2,641	3,454	3,036
Oth Sts ¹	46.90	47.80	50.40	1,519	1,640	1,536
US	42.50	45.20	44.10	6,029	8,299	7,440

¹ 1996-98 - MI, OH, OR, and WA.

**Carrots for Processing: Area Planted and Harvested, Yield, and
Production by State, and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	4,400	2,800	4,600	4,300	2,700	4,500
MI	1,700	1,600	1,700	1,600	1,500	1,600
MN	1,100	1,100	1,100	860	1,000	1,000
NY	1,100	1,500	1,200	1,100	1,500	1,200
OR	630	350	480	600	350	480
TX	5,100	3,500	2,900	4,900	3,100	2,700
WA	7,300	7,200	6,700	7,000	7,000	6,500
WI ¹	3,700	3,600	4,200	3,100	3,300	4,000
Oth Sts ²	2,610	1,960	2,000	2,260	1,910	1,800
US	27,640	23,610	24,880	25,720	22,360	23,780
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
CA	33.49	32.04	31.40	144,010	86,510	141,300
MI	23.00	25.00	19.00	36,800	37,500	30,400
MN	17.27	20.43	18.40	14,850	20,430	18,400
NY	14.00	17.00	23.00	15,400	25,500	27,600
OR	27.13	25.66	25.77	16,280	8,980	12,370
TX	9.50	20.00	7.50	46,550	62,000	20,250
WA	28.00	30.00	28.00	196,000	210,000	182,000
WI ¹	23.07	24.50	22.29	71,520	80,850	89,160
Oth Sts ²	21.70	19.73	15.44	49,050	37,680	27,800
US	22.96	25.47	23.10	590,460	569,450	549,280

¹ Mostly processing.

² 1996 - IA, NJ, ND, and OH.
1997 - 98 - NJ and OH.

**Carrots for Processing: Value by State
and United States, 1996-98**

State	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	60.40	65.50	66.90	8,698	5,666	9,453
MI	65.10	62.40	59.40	2,396	2,340	1,806
MN	106.00	81.00	65.00	1,574	1,655	1,196
NY	60.70	61.30	63.90	935	1,563	1,764
OR	52.80	56.60	70.00	860	508	866
TX	108.00	78.00	94.00	5,027	4,836	1,904
WA	62.00	64.00	67.00	12,152	13,440	12,194
WI ¹	67.50	72.80	73.80	4,828	5,886	6,580
Oth Sts ²	62.30	66.40	63.80	3,056	2,502	1,774
US	66.90	67.40	68.30	39,526	38,396	37,537

¹ Mostly processing.

² 1996 - IA, NJ, ND, and OH.

1997 - 98 - NJ and OH.

**Sweet Corn for Processing: Area Planted and Harvested, Yield, and
Production by Utilization, State, and United States, 1996-98**

State and Utilization	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
ID	17,700	15,200	16,800	17,500	14,300	16,100
IL	22,900	18,300	14,600	22,200	18,000	14,500
MI ¹	3,900			3,700		
MN	127,500	128,600	131,900	120,100	127,200	129,200
NY	41,900	40,400	42,000	40,900	39,300	39,200
OR	49,100	41,500	37,400	48,300	41,000	37,300
PA	2,800	2,800	3,100	2,700	2,700	2,800
WA	78,000	89,600	101,500	75,300	87,700	98,300
WI	120,100	115,800	111,600	115,900	109,600	102,700
Oth Sts ²	28,100	26,700	27,500	27,600	26,000	27,200
US	492,000	478,900	486,400	474,200	465,800	467,300
Canning	286,600	254,900	267,400	276,200	246,500	255,000
Freezing	205,400	224,000	219,000	198,000	219,300	212,300
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
ID	9.22	9.50	9.00	161,350	135,850	144,900
IL	6.20	5.90	6.20	137,640	106,200	89,900
MI ¹	6.75			24,980		
MN	5.99	6.40	6.37	719,400	814,080	823,000
NY	5.50	6.40	5.60	224,950	251,520	219,520
OR	9.07	8.61	8.36	438,080	353,000	311,870
PA	6.30	7.11	6.40	17,010	19,200	17,920
WA	9.04	8.88	8.38	680,710	778,780	823,750
WI	6.05	6.54	6.40	701,200	716,780	657,280
Oth Sts ²	6.92	6.42	5.98	191,010	166,920	162,590
US	6.95	7.18	6.96	3,296,330	3,342,330	3,250,730
Canning	6.24	6.68	6.51	1,723,620	1,647,250	1,659,340
Freezing	7.94	7.73	7.50	1,572,710	1,695,080	1,591,390

¹ Estimate discontinued.

² 1996 - DE, IA, MD, NJ, and TN.
1997 - DE, IN, IA, MD, NJ, and TN.

**Sweet Corn for Processing: Value by Utilization,
State, and United States, 1996-98**

State and Utilization	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
ID	76.00	78.50	76.20	12,263	10,664	11,041
IL	104.00	97.90	54.80	14,315	10,397	8,100
MI ¹	82.00			2,048		
MN	78.00	73.00	71.00	56,113	59,428	58,433
NY	72.30	60.10	70.60	16,264	15,116	15,498
OR	84.10	83.80	83.70	36,843	29,580	26,104
PA	60.00	83.80	137.00	1,021	1,609	2,455
WA	76.00	74.70	75.20	51,734	58,175	61,946
WI	78.60	73.90	61.80	55,114	52,971	40,620
Oth Sts ²	68.70	74.20	93.40	13,125	12,389	15,188
US	78.50	74.90	73.60	258,840	250,329	239,385
Canning	81.10	75.00	70.80	139,708	123,467	117,439
Freezing	75.70	74.80	76.60	119,132	126,862	121,946

¹ Estimate discontinued.

² 1996 - DE, IA, MD, NJ, and TN.

1997 - DE, IN, IA, MD, NJ, and TN.

**Cucumbers for Processing: Area Planted and Harvested, Yield,
and Production by State, and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	6,300	4,400	4,400	6,200	4,200	4,200
CO	900	780	160	900	720	160
FL	6,500	6,500	6,700	6,300	6,100	6,600
IN	2,400	2,000	2,100	2,400	2,000	2,000
MI	28,000	27,000	27,000	26,000	26,000	26,000
NC	14,100	18,300	18,200	13,200	18,000	17,500
OH	3,300	3,000	3,000	3,200	2,900	2,900
SC	5,000	4,000	2,100	4,500	3,800	2,100
TX	11,600	9,400	9,900	11,200	8,300	9,400
WI	5,000	4,500	4,300	4,600	4,200	4,100
Oth Sts ¹	27,640	27,400	27,510	26,700	27,150	27,110
US	110,740	107,280	105,370	105,200	103,370	102,070
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
CA	7.00	7.19	7.15	43,400	30,200	30,030
CO	8.00	8.45	9.00	7,200	6,080	1,440
FL	9.00	13.00	7.20	56,700	79,300	47,520
IN	4.54	4.97	6.08	10,900	9,940	12,160
MI	5.30	5.20	5.50	137,800	135,200	143,000
NC	4.55	4.00	4.50	60,060	72,000	78,750
OH	11.57	12.26	12.18	37,020	35,550	35,320
SC	3.20	3.00	2.86	14,400	11,400	6,010
TX	2.50	6.50	6.30	28,000	53,950	59,220
WI	5.24	7.90	12.67	24,100	33,180	51,950
Oth Sts ¹	5.40	5.65	5.53	144,109	153,300	149,910
US	5.36	6.00	6.03	563,689	620,100	615,310

¹ 1996-98 - AL, AR, DE, GA, IL, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.

**Cucumbers for Processing: Value by State
and United States, 1996-98**

State	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	370.00	296.00	324.00	16,058	8,939	9,730
CO	150.00	180.00	160.00	1,080	1,094	230
FL	432.00	418.00	390.00	24,494	33,147	18,533
IN	157.00	171.00	166.00	1,711	1,700	2,019
MI	156.00	152.00	169.00	21,497	20,550	24,167
NC	230.00	225.00	220.00	13,814	16,200	17,325
OH	312.00	345.00	299.00	11,550	12,265	10,561
SC	205.00	230.00	200.00	2,952	2,622	1,202
TX	383.00	218.00	332.00	10,724	11,761	19,661
WI	224.00	115.00	104.00	5,398	3,816	5,403
Oth Sts ¹	213.00	217.00	207.00	30,707	33,277	31,060
US	248.00	234.00	227.00	139,985	145,371	139,891

¹ 1996-98 - AL, AR, DE, GA, IL, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.

**Pickles: Stocks in Tanks, Barrels, and Fresh Pack,
December 1, 1997-98**

Year	From Current Year Crop			From Previous Year Crop	
	Salt Stock Including Dill	Fresh Pack	Refrigerated	Salt Stock Including Dill	Fresh Pack
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
US					
1997	210,420	46,530	5,270	18,970	1,000
1998	232,070	66,710	3,920	34,070	
	Combined Stocks From Current Year Crop		Combined Stocks From Previous Year Crop		Total Stocks
	<i>Tons</i>		<i>Tons</i>		<i>Tons</i>
US					
1997	262,220		19,970		282,190
1998	302,700		34,070		336,770

**Green Peas for Processing: Area Planted and Harvested, Yield, and
Production by Utilization, State, and United States, 1996-98**

State and Utilization	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
MN	82,900	90,000	88,000	77,500	75,200	72,900
NY	15,100	18,900	19,600	14,400	18,200	17,500
OR	22,400	28,100	31,300	22,100	27,800	30,600
WA	43,500	54,400	56,400	42,200	53,700	55,100
WI	57,800	62,500	57,400	54,700	58,000	53,600
Oth Sts ¹	40,000	41,000	45,400	38,900	38,300	43,300
US	261,700	294,900	298,100	249,800	271,200	273,000
Canning	127,500	126,800	126,350	119,600	111,400	112,450
Freezing	134,200	168,100	171,750	130,200	159,800	160,550
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
MN	1.59	1.48	1.62	123,230	111,300	118,100
NY	1.92	2.21	2.20	27,650	40,220	38,500
OR	1.64	1.54	1.61	36,240	42,810	49,390
WA	1.95	1.95	2.00	82,290	104,720	110,200
WI	1.61	1.80	1.72	88,070	104,400	92,190
Oth Sts ¹	1.55	2.00	1.74	60,192	76,640	75,460
US	1.67	1.77	1.77	417,672	480,090	483,840
Canning	1.67	1.83	1.72	199,164	203,950	192,990
Freezing	1.68	1.73	1.81	218,508	276,140	290,850

¹ 1996-98 - CA, DE, ID, IL, IA, ME, MD, MI, NJ, PA, and TN.

**Green Peas for Processing: Value by Utilization,
State, and United States, 1996-98**

State and Utilization	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
MN	315.00	364.00	334.00	38,817	40,513	39,445
NY	306.00	210.00	330.00	8,461	8,446	12,705
OR	232.00	235.00	243.00	8,408	10,060	12,002
WA	248.00	242.00	245.00	20,408	25,342	26,999
WI	294.00	312.00	237.00	25,893	32,573	21,849
Oth Sts ¹	281.00	281.00	313.00	16,923	21,562	23,622
US	285.00	288.00	282.00	118,910	138,496	136,622
Canning	302.00	310.00	296.00	60,242	63,269	57,140
Freezing	268.00	272.00	273.00	58,668	75,227	79,482

¹ 1996-98 - CA, DE, ID, IL, IA, ME, MD, MI, NJ, PA, and TN.

**Spinach for Processing: Area Planted and Harvested, Yield, and
Production by Utilization, State, and United States, 1996-98**

State and Utilization	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
TX	7,800	5,000	5,400	7,500	4,700	5,000
Oth Sts ¹	8,910	10,170	9,160	8,110	9,620	7,700
US	16,710	15,170	14,560	15,610	14,320	12,700
Canning	8,010	5,930	6,690	7,110	5,330	5,650
Freezing	8,700	9,240	7,870	8,500	8,990	7,050
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
TX	9.34	9.50	8.50	70,050	44,650	42,500
Oth Sts ¹	9.10	8.63	8.79	73,800	83,040	67,690
US	9.22	8.92	8.68	143,850	127,690	110,190
Canning	8.34	7.73	7.44	59,300	41,180	42,060
Freezing	9.95	9.62	9.66	84,550	86,510	68,130

¹ 1996 - AR, CA, OK, TN, and WI.

1997 - 98 - AR, CA, NY, OH, OK, PA, TN, VA, and WI.

**Spinach for Processing: Value by Utilization,
State, and United States, 1996-98**

State and Utilization	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
TX	86.30	93.50	95.00	6,045	4,175	4,038
Oth Sts ¹	114.00	110.00	149.00	8,420	9,172	10,106
US	101.00	105.00	128.00	14,465	13,347	14,144
Canning	97.40	107.00	101.00	5,776	4,419	4,266
Freezing	103.00	103.00	145.00	8,689	8,928	9,878

¹ 1996 - AR, CA, OK, TN, and WI.

1997 - 98 - AR, CA, NY, OH, OK, PA, TN, VA, and WI.

**Tomatoes for Processing: Area Planted and Harvested, Yield,
and Production by State and United States, 1996-98**

State	Area Planted			Area Harvested		
	1996	1997	1998	1996	1997	1998
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CA	318,000	270,000	282,000	313,000	260,000	280,000
CO ¹	220			220		
IN	6,600	6,400	7,200	6,400	6,400	7,100
MI	4,600	4,300	2,300	4,400	4,300	2,300
OH	10,900	9,100	6,700	10,500	8,900	6,300
PA	1,100	1,200	1,300	800	1,100	1,300
Oth Sts ²	3,970	2,720	2,760	3,820	2,690	2,760
US	345,390	293,720	302,260	339,140	283,390	299,760
	Yield per Acre			Production		
	1996	1997	1998	1996	1997	1998
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
CA	34.05	35.93	31.76	10,658,741	9,342,309	8,892,800
CO ¹	17.72			3,900		
IN	28.20	24.60	22.00	180,480	157,440	156,200
MI	32.50	31.00	36.00	143,000	133,300	82,800
OH	29.30	28.39	26.84	307,650	252,670	169,090
PA	27.88	24.55	26.00	22,300	27,010	33,800
Oth Sts ²	23.88	22.50	21.78	91,230	60,530	60,120
US	33.64	35.19	31.34	11,407,301	9,973,259	9,394,810

¹ Estimate discontinued.

² 1996-97 - DE, IL, MD, NJ, NY, TX, and VA.

**Tomatoes for Processing: Value by State
and United States, 1996-98**

State	Value					
	Per Ton			Total		
	1996	1997	1998	1996	1997	1998
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
CA	61.10	59.50	56.20	651,249	555,867	499,775
CO ¹	110.00			429		
IN	85.00	87.30	88.00	15,341	13,745	13,746
MI	73.70	73.30	84.00	10,539	9,771	6,955
OH	78.90	73.70	81.40	24,274	18,622	13,764
PA	95.90	77.00	80.00	2,139	2,080	2,704
Oth Sts ²	77.50	83.00	92.60	7,072	5,022	5,566
US	62.30	60.70	57.70	711,043	605,107	542,510

¹ Estimate discontinued.

² 1996-97 - DE, IL, MD, NJ, NY, TX, and VA.

**Vegetables for Processing: Area and Production by Type
of Procurement, United States, 1997-98**

Crop	Area				Production	
	Planted		Harvested		1997	1998
	1997	1998	1997	1998		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Beans, Lima (Shelled)						
Contract	56,190	30,160	54,430	28,320	80,070	40,320
Open Market		22,720		22,420		33,640
Beans, Snap						
Contract	202,740	176,400	193,140	164,800	722,800	631,236
Open Market	1,840	28,200	1,940	26,200	6,450	76,534
Beets (for Canning)						
Contract	7,080	6,690	6,760	6,690	111,280	105,530
Open Market	800		800		12,420	
Cabbage (for Kraut)						
Contract	5,770	6,600	5,390	6,540	181,120	162,320
Open Market	100	210	100	210	2,550	6,230
Carrots						
Contract	20,210	16,080	19,160	15,380	485,850	364,990
Open Market	3,400	8,800	3,200	8,400	83,600	184,290
Corn, Sweet						
Contract	477,900	436,500	464,900	418,400	3,337,230	2,910,460
Open Market	1,000	49,900	900	48,900	5,100	340,270
Cucumbers (for Pickles)						
Contract	92,670	71,320	89,860	68,760	530,850	431,950
Open Market	14,610	34,050	13,510	33,310	89,250	183,360
Peas, Green						
Contract	294,900	266,100	271,200	241,800	480,090	429,620
Open Market		32,000		31,200		54,220
Spinach						
Contract	15,170	7,260	14,320	6,400	127,690	56,790
Open Market		7,300		6,300		53,400
Tomatoes						
Contract	290,720	298,700	280,390	296,200	9,872,670	9,316,320
Open Market	3,000	3,560	3,000	3,560	100,589	78,490

WEIGHTS and MEASURES

The following table on weights, measures, and conversion factors covers the vegetables in this report. It does not cover all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For many vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

<u>Commodity</u>	Approximate net weight	
	<u>U.S. Pounds</u>	<u>Metric Kilograms</u>
Artichokes:		
Globe Ctn, by count and loose pack	25	11.3
Asparagus:		
Crate (NJ)	30	13.6
Beans:		
Lima unshelled bushel	32	14.5
Snap unshelled bushel	32	14.5
Beets:		
Topped Sack	25	11.3
Bunched 1/2 bu crate 2 dz-bchs	36-40	16.3-18.1
Broccoli:		
Wirebound crate	20-25	9.1-11.3
Brussels Sprouts:		
Ctn, loose pack	25	11.3
Cabbage:		
Open mesh bag	50	22.7
Flat crate (1 3/4 bu)	50-60	22.7-27.2
Ctn, place pack	53	24.0
Cantaloups:		
Crate	40	18.1
Carrots:		
Film plastic Bags, mesh sacks, and cartons holding 48 1 lb. film bags	55	24.9
Without tops, Burlap sack	74-80	33.6-36.3
Cauliflower:		
Crate	50-60	22.7-27.2
Fiberboard box wrapper with leaves removed film wrapped, 2 layers	23-35	10.4-15.9

<u>Commodity</u>	<u>Approximate net weight</u>	
	<u>U.S. Pounds</u>	<u>Metric Kilograms</u>
Celery:		
Crate	60	27.2
Corn, Sweet:		
Wirebound crate	50	22.7
Ctn, packed 5 oz. ears	50	22.7
Ctn, WDB crate, 4 1/2 - 5 oz. (from FL & NJ)	42	19.1
Cucumbers:		
Bushel	48	21.8
Eggplant:		
Bushel	33	15.0
Escarole:		
Bushel	25	11.3
Garlic:		
Ctn of 12 tubes or 12 film bag pkgs 12 cloves each	10	4.5
Honeydew Melons:		
1 2/3 Ctn	28-32	12.7-14.5
Lettuce, Iceberg:		
Iceberg, carton packed 24	43-52	19.5-23.6
Onions, Dry:		
Sack	50	22.7
Peas:		
Green, unshelled Bushel	28-30	12.7-13.6
Peppers:		
Green, unshelled Bushel	25-30	11.3-13.6
1 1/2 bu carton	28	12.7
Spinach:		
Bushel	18-20	8.2-9.1
Strawberries:		
24-qt. crate	36	16.3
12-pt. crate	9-11	4.1-5.0
Tomatoes:		
Crate	60	27.2
Lug box	32	14.5
2-layer flat	21	9.5
Watermelons:		
Melons of average or medium size	25	11.3

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The next "Vegetables 1999 Summary" report will be released at 3 p.m. ET on January 14, 2000.

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