

MARKETING MICHIGAN VEGETABLES

1977 CROP

FEDERAL-STATE MARKET NEWS SERVICE

**U. S. Department of Agriculture
Agricultural Marketing Service
Fruit and Vegetable Division**

**Michigan Department of Agriculture
Marketing Division**

FOREWORD

This 1977 annual summary covers marketing activities of Michigan grown cabbage, carrots, celery, cucumbers, iceberg lettuce, radishes, and tomatoes. This report contains shipping point and wholesale terminal market prices, also shipment and unload information. Other information such as acreage, yield per acre, and production figures are also included. This report was made available to you by the Michigan Department of Agriculture, Marketing Division cooperating with the U.S. Department of Agriculture, Agricultural Marketing Service.

Information contained in this summary was obtained from daily market news reports issued at the Federal-State Fruit and Vegetable Market News Office at Benton Harbor, Michigan. Other information sources include the Michigan Celery Promotion Cooperative, Inc., Michigan growers and shippers and the Statistical Reporting Service.

We wish to express our sincere appreciation to all segments of the Fruit and Vegetable Industry for their cooperation in making this report possible.

Additional printed copies of this summary may be obtained upon request from:

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Federal - State Market News Service
P.O. Box 1204
Benton Harbor, Michigan 49022
Phone Area Code 616 - 925-3279
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925-3270

A telephone recorder is in operation all year providing market news prices. The information is updated several times daily and all major fruits and vegetables are reported. (Area Code 616 - 925-1096)

Compiled by:
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Benton Harbor, Michigan 49022

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ACREAGE: Planted acreage of cabbage totaled 4,300 acres in 1977. This was a slight decrease of 200 acres from 1976. The area harvested was unchanged from the previous season at 4,000 acres. 2,300 acres were harvested in the summer, with 1,700 acres harvested during the fall.

THE GROWING SEASON: Spring arrived in Michigan unusually early. According to the Crop Reporting Service, some early transplanting took place in April. The weather turned cooler and several frosts occurred during late April and early May. This held back the pace of planting. Hot and dry weather soon became established during the balance of May and continued into June. By the 27th of June, most vegetable crops were slightly below normal in development. Rain during the first week of July, helped relieve moisture stress, and add some needed size to the cabbage.

HARVEST: Light cutting began during the second week of July. The volume increased during the month and peaked in early September. According to the Crop Reporting Service, 60 percent of the harvest was complete by September 12th. During this same period, an unusually long rainy spell settled in the state. Both the harvest and quality of cabbage suffered. Intermittent dry intervals allowed for some harvesting, and by the 17th of October 85 percent of the crop had been cut. Except for a few scattered fields the harvest was complete by November.

MARKETING: First of season F.O.B. shipping point sales were recorded on July 15th, and showed 1 3/4 bushel crates and 50 lb cartons of medium to large sized green cabbage selling from \$3.25 to \$3.50. This was one dollar per crate higher than the opening price of 1976. The market experienced some weakness during the next week and prices eased down to a level of \$2.75 to \$3.00. The market held fairly steady until the last week in August, when sales were slightly lower at \$2.75. This was when the rainy period began, and it was not long before a "weather market" was created.

On the 7th of September the market advanced to \$3.00 per carton, then to \$3.25 on the next day. The market continued strong as the wet weather prevailed. The highest price of the season, \$4.25, was recorded on September 14th. The last F.O.B. report of the season was issued on the 21st and represented a few scattered sales. The season ended earlier than normal due to the wet weather which resulted in less than desirable size and quality. The market for red cabbage followed a similar marketing pattern. First of season sales on 1 3/4 bushel crates and 50 lb cartons were recorded at \$6.00 on July 26th. The market eased down to a range of \$4.00 to \$4.50 by August 24th. Final sales of the season were reported on September 14th, and spread from \$4.50 to \$5.00.

PACKAGE: The principle containers used were 1 3/4 bushel crates and 50 pound cartons. Some 50 lb. sacks were used for deliveries to local markets.

TRANSPORTATION: Practically all of the cabbage shipped for fresh market use traveled via refrigerated truck. Much of the volume was shipped in mixer loads along with other vegetables. A net weight of 50 pounds per container is used in figuring 10,000 pound units instead of the former carlot system of 600 crates per carlot equivalent.

41 CITIES UNLOADS: Combined rail and truck unloads of Michigan cabbage during 1977 totaled 1,278 units of 10,000 pounds. Unloads in 1976, totaled approximately 10 percent lower at 1,158 units, while unloads in 1975 totaled 1,245 units of 10,000 pounds.

CABBAGE FOR FRESH MARKET AND PORCESSING: AREA AND YIELD PER ACRE 1975-77

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>ACRES</u>						<u>HUNDRED WEIGHT</u>		
SUMMER:									
California	1,600	1,400	1,400	1,600	1,400	1,400	250	255	245
Colorado	970	1,100	1,300	870	870	1,100	325	325	330
Georgia	500	600	600	500	600	500	90	90	105
Illinois	1,600	1,700	1,700	1,600	1,700	1,600	191	210	200
Indiana	1,000	1,100	1,100	1,000	1,100	980	280	305	290
Maryland	680	680	680	680	670	670	187	190	185
Massachusetts & Connecticut	1,480	1,100	1,000	1,290	980	890	250	240	225
MICHIGAN	3,300	2,500	2,400	2,900	2,300	2,300	160	150	170
Minnesota	800			700			180		
New Jersey ^{2/}	2,600	2,800	2,700	2,400	2,300	2,400	190	195	185
New York	3,900	3,800	4,100	3,800	3,700	3,800	395	355	380
North Carolina	4,000	4,300	3,500	3,700	3,700	2,600	185	200	185
Ohio	1,300	1,500	1,600	1,000	1,200	1,300	250	210	220
Pennsylvania	1,600	1,500	1,500	1,600	1,500	1,500	230	210	250
Virginia	1,450	1,100	1,100	1,350	900	970	170	195	250
Washington	1,400	1,200	1,000	1,300	1,100	900	225	235	265
Wisconsin	3,700	2,800	3,200	3,400	2,700	3,000	405	370	425
TOTAL SUMMER	31,880	29,180	28,880	29,690	26,720	25,910	253	247	265
FALL:									
MICHIGAN	1,700	1,900	1,900	1,600	1,700	1,700	175	170	195
TOTAL FALL	31,270	32,220	31,500	29,670	30,090	29,380	274	270	281

^{2/} Does not include the following quantity not harvested or not marketed because of economic conditions, 1976, 78,000 cwt.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

CABBAGE FOR FRESH MARKET AND PROCESSING: PRODUCTION AND VALUE 1975-77

SEASON AND STATE	PRODUCTION			VALUE						
				PER CWT.			TOTAL			
	1975	1976	1977	1975	1976	1977	1975	1976	1977	
	1,000 CWT.			DOLLARS			1,000 DOLLARS			
SUMMER:										
California	400	357	343	4.56	6.13	4.92	1,824	2,188	1,688	
Colorado	283	283	363	4.14	4.26	4.10	1,172	1,206	1,487	
Georgia	45	54	53	6.02	6.40	6.88	271	346	365	
Illinois	305	357	320	4.03	3.88	4.55	1,230	1,385	1,457	
Indiana	280	336	284	3.85	3.47	3.69	1,077	1,167	1,048	
Maryland	127	127	124	4.20	3.88	4.78	534	493	593	
Massachusetts & Connecticut	323	235	200	5.52	4.20	4.70	1,782	987	940	
MICHIGAN	464	345	391	4.09	4.41	5.31	1,900	1,523	2,077	
Minnesota	126			5.62			708			
New Jersey ^{2/}	456	449	444	5.53	4.58	5.33	2,522	2,056	2,367	
New York	1,501	1,314	1,444	3.14	2.94	3.05	4,709	3,863	4,408	
North Carolina	685	740	481	3.73	4.24	4.37	2,552	3,141	2,102	
Ohio	250	252	286	5.47	5.24	5.08	1,368	1,320	1,453	
Pennsylvania	368	315	375	4.31	4.55	4.95	1,586	1,432	1,855	
Virginia	232	176	243	4.46	3.94	4.17	1,035	693	1,013	
Washington	293	259	239	4.48	4.65	4.09	1,313	1,205	978	
Wisconsin	1,377	999	1,275	2.64	2.15	2.53	3,637	2,149	3,230	
TOTAL SUMMER	7,515	6,598	6,865	3.89	3.81	3.94	29,220	25,154	27,061	
FALL:										
MICHIGAN	280	289	332	3.70	3.99	4.61	1,037	1,152	1,532	
TOTAL FALL	8,121	8,110	8,267	4.40	6.73	6.05	34,189	52,365	47,455	

^{2/} Does not include the following quantity not harvested or not marketed because of economic conditions, 1976, 78,000 cwt.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

MICHIGAN F.O.B. CABBAGE PRICES FOR THE 1977 CROP

1 3/4 BUSHEL CRATES & 50 LB. CARTONS MOSTLY MEDIUM - LARGE

WEEK ENDING	GREEN	RED
July 15	3.25-3.50	
22	2.75-3.00	
29	2.50-3.00	5.75-6.00
Aug. 5	2.75-3.00	5.75-6.00
12	2.75-3.00	4.75-5.25
19	2.75-3.00	4.75
26	2.75	4.00-4.50
Sept. 2	2.75	4.00-4.50
9	2.75-3.25	4.00-4.50
16	3.50-4.25	4.50-5.00
23	3.50-4.00	

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN CABBAGE AT IMPORTANT WHOLESALE TERMINAL MARKETS

1 3/4 BUSHEL CRATES & 50 LB. CARTONS MOSTLY MEDIUM - LARGE UNLESS OTHERWISE STATED

WEEK ENDING	<u>CINCINNATI</u>			
	SACKS		CRATES	
	GREEN - MED.	GREEN - LGE.	GREEN - MED.	RED - MED.
July 22	3.50	3.00-3.25		
29	3.00-3.50	3.00-3.25		
Sept. 2	3.25	2.75		
9		3.25	3.50-3.75	5.00-6.00
16	3.25-3.50		4.25-6.00	5.00-6.00
23	3.25-3.75		4.25-4.50	5.00-5.50
30				5.00

WEEK ENDING	<u>DETROIT</u>	
	1 3/4 BU. GREEN - MED. LGE.	1 3/4 BU. RED - MED. LGE.
July 15	3.25	4.00
22	3.25	
29	3.00-3.50	4.00
Aug. 5	3.25	
12		
19	3.00-3.50	4.25-4.50
26	3.25	3.25
Sept. 2	3.00	
9		
16	3.00-3.50	
23		
30	3.00-3.50	
Oct. 7	3.50	

CARROTS
1977 CROP

ACREAGE: The total U.S. summer and fall acreage of both fresh market and processing carrots totaled 41,020 acres. This was a moderate increase over the 35,770 acres that were harvested in 1976. The combined summer and fall carrot crop acreage in Michigan totaled 5,900, compared to 6,000 acres a year earlier, and 4,600 acres in 1975. Of the total Michigan carrot crop, 3,000 acres were harvested in the summer, with 2,900 acres harvested in the fall.

PRODUCTION: The combined summer and fall crop of carrots in the U.S. totaled 13,237,000 cwt. The production in 1976, totaled 11,111,000 cwt, while it was 11,809,000 cwt two years ago. Michigan's combined summer and fall production totaled 1,415,000 cwt, and showed a decrease of 226,000 from the 1976 production, which totaled 1,641,000 cwt. The 1977 summer crop accounted for 690,000 cwt with an average yield of 230 cwt per acre, while the fall crop totaled 725,000 cwt with an average yield of 250 per acre.

THE GROWING SEASON: An unusually early spring followed the winter of 1976. This allowed spring planting to start earlier than usual around the end of April. Soon after this the weather turned cool and wet, and there were several mornings with heavy frosts. This delayed the plantings in some areas. By the middle of May the weather had turned dry, and this in addition to the frosts and high winds caused some damage to carrots that were above the ground. The balance of the growing season was fairly dry with just enough moisture to develop a slightly below normal crop.

THE HARVEST: A few growers began the harvest during the middle of July, but soon found it necessary to delay the harvest due to inadequate sizes. The harvest resumed during the last week of July after cool weather had helped size up the carrots. Digging soon became active, and according to the Michigan Crop Reporting Service, 25% of the crop had been harvested by the 15th of August. During the remainder of August the harvest continued at an active pace, but was soon slowed by rain and wet fields during September. By the end of the 1st week of September, approximately 60% of the crop had been harvested. The balance of the harvest during the fall was affected by the wet weather. This slowed the pace of the harvest, and the quality of the carrots began to deteriorate in some fields due to excessive moisture.

Even at this, the harvest remained at a moderate level through October and was generally finished by the middle of November.

MARKETING: First of season F.O.B. shipping point sales were reported by the Federal-State Market News Service on Wednesday, July 20th. 48-1 lb film bags sold from \$5.50-5.75, while a few 50 lb sacks of large carrots sold at \$5.75. Offerings were very limited as most growers were waiting for additional size. This was almost the same price as the first of season sales in 1976. The market in 1977 was fairly steady with some minor fluctuation due to supply and demand. After the first sales of the season were reported in July, the market followed a steady course until the middle of August when prices decreased slightly. F.O.B. sales ranged from \$5.00-5.50 on 48-1 lb film bags, with 50 lb sacks of large carrots selling from \$4.50-5.00. The market continued at this level until the third week of September when the lowest prices of the season were reached. 48-1 lb film bags sold at \$5.00, while 50 lb sacks of large carrots sold at \$4.90. The market rallied after this due to an extremely wet fall and limited supplies. F.O.B. sales on 48-1 lb film bags ranged from \$5.50-6.00 for the balance of the season, with 50 lb sacks of large carrots selling from \$4.00-4.50. Final sales of the season were reported on Thursday, November 17th.

PACKAGES: The principal container was 48-1 lb film bags, packed in a mesh sack or waxed carton, with some shippers also packing 24-2 lb film bags. Loose large sized carrots were principally packaged in 50 and 25 lb film bags.

SHIPMENTS: Fresh market shipments during 1977 totaled 5,680 units of 10,000 lbs. This was down slightly from 6,200 units shipped during the previous season. Shipments during the past season peaked during the week ending September 17th, when 450 units were shipped.

41 CITIES UNLOADS: Combined rail and truck unloads in the major markets totaled 3,835 units of 10,000 lbs. This was down 860 units from the 4,695 units of carrots received on the 41 cities in 1976, and was only 175 units lighter than 1975.

CARROTS FOR FRESH MARKET AND PROCESSING: AREA AND YIELD PER ACRE 1975-77

QUARTER AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>ACRES</u>						<u>HUNDRED WEIGHT</u>		
SUMMER:									
California (Other)	7,200	6,300	6,800	7,200	6,300	6,800	365	300	345
Colorado	1,100	1,100	1,200	1,000	1,000	1,000	230	280	220
Illinois	300	300	300	300	250	250	240	300	350
MICHIGAN	3,100	3,300	3,200	2,700	3,300	3,000	240	260	290
Texas	900	750	1,400	800	700	1,300	270	180	185
Washington	700	750	1,400	600	700	1,300	320	345	415
Wisconsin	1,700	2,000	1,800	1,400	1,700	1,700	405	375	470
TOTAL SUMMER	15,000	14,500	16,100	14,000	13,950	15,350	325	295	321
FALL:									
California (Desert)	700	700	700	700	700	700	240	210	215
California (Other)	6,700	6,200	7,000	6,700	6,200	7,000	290	250	300
Massachusetts ^{1/}	260			260			205		
MICHIGAN	2,700	2,700	3,100	1,900	2,700	2,900	255	290	250
Minnesota	1,150	1,200	1,200	1,140	1,000	1,100	280	450	485
New York	1,800	1,900	2,000	1,700	1,800	1,900	360	350	325
Oregon	1,300	960	1,200	1,100	960	1,200	441	445	455
Texas	4,500	2,500	4,400	4,200	2,300	4,100	156	186	155
Washington	2,500	3,600	4,200	2,400	3,400	4,000	465	455	460
Wisconsin	2,300	1,900	2,000	2,000	1,600	1,800	445	390	465
New Jersey-Ohio	1,600	1,180	990	1,480	1,160	970	359	359	336
TOTAL FALL	25,510	22,840	26,790	23,580	21,820	25,670	308	321	324
UNITED STATES	73,910	77,340	75,590	70,180	73,370	72,720	272	262	275

^{1/} Estimates discontinued in 1976.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

CARROTS FOR FRESH MARKET AND PROCESSING: PRODUCTION AND VALUE 1975-77

QUARTER AND STATE	PRODUCTION ^{2/}			VALUE					
	1975	1976	1977	PER CWT.			TOTAL		
	1,000 CWT.			1975	1976	1977	1975	1976	1977
				DOLLARS			1,000 DOLLARS		
SUMMER:									
California (Other)	2,628	1,890	2,346	6.44	6.79	5.60	16,912	12,830	13,129
Colorado	230	280	220	5.90	8.26	8.61	1,357	2,313	1,894
Illinois	72	75	88	6.67	6.27	5.45	480	470	480
MICHIGAN	648	858	690	8.90	7.35	9.57	5,766	6,308	6,601
Texas	216	126	241	10.50	10.20	12.50	2,268	1,285	3,013
Washington	192	242	540	5.73	7.24	4.24	1,100	1,752	2,289
Wisconsin	567	638	799	3.53	3.28	3.34	1,999	2,093	2,665
TOTAL SUMMER	4,553	4,109	4,924	6.56	6.58	6.11	29,882	27,051	30,071
FALL:									
California (Desert)	168	147	151	8.21	10.50	10.30	1,379	1,544	1,555
California (Other)	1,943	1,550	2,100	6.49	8.61	6.63	12,607	13,351	13,917
Massachusetts ^{1/}	53			8.50			451		
MICHIGAN	485	783	725	7.44	8.09	10.50	3,607	6,332	7,594
Minnesota	319	450	534	4.02	2.82	3.57	1,282	1,267	1,909
New York	612	630	618	6.05	7.60	12.80	3,700	4,787	7,935
Oregon	485	427	546	3.02	3.59	3.50	1,464	1,533	1,912
Texas	654	428	636	7.18	9.71	10.10	4,695	4,154	6,427
Washington	1,116	1,547	1,840	3.69	4.55	3.31	4,118	7,041	6,088
Wisconsin	890	624	837	3.32	3.13	3.17	2,951	1,950	2,652
New Jersey-Ohio	531	416	326	2.07	2.06	2.22	1,097	857	723
TOTAL FALL	7,256	7,002	8,313	5.15	6.11	6.10	37,351	42,816	50,712
UNITED STATES	19,073	19,247	20,011	6.93	5.95	7.58	132,196	114,565	151,733

^{1/} Estimates discontinued in 1976.

^{2/} Does not include the following quantities not harvested or not marketed because of economic conditions, 1975, Wis, 170,000 cwt; 1976 winter, California 96,000 cwt; Spring, California, 147,000 cwt.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

1977 MICHIGAN CARROT FRESH MARKET SHIPMENTS
IN 10,000 LB. UNITS

WEEK ENDING	MICHIGAN	CALIFORNIA	FLORIDA	TEXAS
July 30	150	665	-	20
Aug. 6	255	725	-	90
13	345	640	-	68
20	330	645	-	68
27	430	675	-	75
Sept. 3	375	565	-	120
10	435	425	-	125
17	450	560	-	110
24	440	625	-	-
Oct. 1	375	520	-	-
8	430	600	-	-
15	365	600	5	-
22	325	615	25	-
29	340	695	35	-
Nov. 5	300	690	45	-
12	220	665	40	-
19	60	790	45	55
26	35	720	40	70
Dec. 3	20	790	115	90
TOTAL *	5680	12,210	350	891

* Full season shipments shown for Michigan only.

THE FOLLOWING CHART SHOWS FLUCTUATION IN MICHIGAN F.O.B. POINTS CARROT PRICES FOR THE 1977 CROP

WEEK ENDING	48-1 LB.	24-2 LB.	50 LB. LSE. LGE.
July 22	5.50-5.75	5.40-5.65	5.75
29	5.75	-	5.50-5.75
Aug. 5	5.50-5.75	5.40-5.65	5.50-5.75
12	5.50-5.75	5.40-5.65	5.25-5.50
19	5.25-5.75	5.15-5.65	4.50-5.50
26	5.00-5.50	4.90-5.40	4.50-5.00
Sept. 2	5.00-5.50	4.90-5.40	4.50-5.00
9	5.00-5.50	4.90-5.40	4.50-5.00
16	5.00-5.50	4.90-5.40	4.00-4.50
23	5.00	4.90	3.50-4.50
30	5.00-5.50	4.90	3.50-4.50
Oct. 7	5.00-5.50	4.90-5.40	3.50-4.25
14	5.50-6.00	5.40-5.90	3.75-4.50
21	5.75-6.00	5.65-5.90	4.00-4.25
28	5.75-6.00	5.65-5.90	4.00-4.50
Nov. 4	5.50-6.00	5.40-5.90	4.50
11	5.50-6.00	5.40-5.90	4.50
18	5.50-6.00	5.40-5.90	-

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN CARROTS AT IMPORTANT WHOLESALE TERMINAL MARKETS

A T L A N T A

WEEK ENDING	48-1 LB.
July 29	6.50-7.25
Aug. 5	6.75-7.00
12	6.75-7.00
19	6.75-7.00
26	6.75-7.00
Sept. 2	-
9	-
16	6.00-6.50
23	5.75-6.50
30	5.75-6.00
Oct. 7	5.75-6.00
14	6.00-6.50
21	7.00
28	7.00

C H I C A G O

WEEK ENDING	48-1 LB.	50 LB. LSE. LGE.	48-1 LB. LSE. LGE.
Aug. 5	5.50-6.00	5.50-6.00	
12	5.50-6.00	5.50	
19	5.50-6.50	5.50	
26	5.50-6.00	5.50-5.75	
Sept. 2	6.00	6.00	
9	6.00-6.50	5.50-6.00	
16	6.00-6.50	5.50-6.00	
23	5.50-6.25	5.00-6.00	
30	4.75-6.25	4.75-5.50	
Oct. 7	6.00-6.50	5.00	
14	6.50-7.00	5.00-5.50	
21	6.50-7.00	5.00-5.50	
28	6.75-7.00	5.00-5.50	6.00-6.50

C I N C I N N A T I

WEEK ENDING	48-1 LB.	50 LB. LSE. LGE.	24-2 LB.
Aug. 5	6.50	7.00	
12	6.25-7.00	6.50-7.50	6.50-7.00
19	6.00-6.75	6.00-6.75	6.00-6.75
26	6.00-6.50	6.00-6.25	6.00-6.50
Sept. 2	6.00-6.50	6.00	6.00-6.50
9	6.00-6.25	6.00-6.25	5.50-6.00
16	6.00-6.25	6.00	5.00-6.00
23	6.00	6.00	5.00-5.25
30	5.75-6.50	5.75-6.50	4.50-5.00
Oct. 7	6.00-6.50	6.00-6.75	4.50-5.00
14	6.25-7.00	6.25-6.90	4.50-5.00
21	6.75-7.50	6.90-7.50	5.00-5.25
28	6.50-7.50	6.50-7.50	5.00-5.50
Nov. 4	6.75-7.50	6.75-7.50	5.00-5.50
11	6.00-6.75	6.00-6.75	5.00-5.25

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN CARROTS AT IMPORTANT WHOLESALE TERMINAL MARKETS

D E T R O I T

WEEK ENDING	50 LB. LSE. LGE.	24-1 LB. LARGE	25 LB.
Aug. 5	6.75-7.00	3.75	
12	6.00-7.00	3.00-3.75	3.00-3.50
19	-	3.00	3.00-3.50
26	-	3.00	3.00
Sept. 2	-	3.00	3.00
9	-	-	-
16	-	3.00	3.00
23	-	3.00	3.00
30	-	3.00	2.75-3.00
Oct. 7	-	2.75-3.00	2.50-3.00
14	-	3.25-3.50	2.50-3.00
21	-	3.00-3.50	2.50-3.25
28	-	3.00-3.25	2.50-3.00
Nov. 4	-	3.00-3.25	2.50-3.00

P I T T S B U R G H

WEEK ENDING	48-1 LB.	50 LB. LSE. LGE.	25 LB.
Aug. 19	6.00-6.50		
26	6.25-6.50		
Sept. 2	6.25-6.50		
9	6.00-6.25		
16	6.25-6.50	6.00-6.50	
23	6.00-6.50	6.00-6.25	
30	6.00-6.25	5.75-6.00	
Oct. 7	6.00-6.25	5.25-5.75	
14	6.25-6.50	5.50	
21	7.00-7.25	5.00-5.50	3.00-3.50
28	6.75-7.00	5.25-5.50	
Nov. 4	6.75-7.00	5.50-6.00	

S T. L O U I S

WEEK ENDING	48-1 LB.	24-2 LB.	50 LB.
Sept. 9	5.85-6.00		5.75
16	-	-	-
23	5.60-6.00	-	5.25
30	5.60-6.00	-	5.25
Oct. 7	5.60-6.50		5.25
14	6.35-6.50	6.25-6.50	4.75
21	6.25-6.75	6.25-7.00	4.75-5.50
28	6.35-7.00	6.25-7.00	5.00-5.50
Nov. 4	6.50-7.00	-	4.75-5.00

ACREAGE: The total U.S. summer and fall planted acreage of celery decreased slightly in 1977. A total of 16,270 acres were planted, compared with 16,600 acres in 1976. The number of acres harvested decreased very slightly from the previous year by 300 acres. Harvested acreage totaled 15,960, compared to 16,260 acres in 1976. Michigan's summer and fall acreage totaled 2,400, which was up 100 acres over 1976 and 300 acres over 1975. The summer crop acreage was credited with 1,900 of the total, with the fall crop accounting for 500 acres.

PRODUCTION: U.S. summer and fall production totaled 8,347,000 cwt. This was very near the 8,301,000 cwt in 1976, but up from the 7,084,000 cwt crop of 1975. Michigan's summer celery crop yielded 846,000 cwt, while the fall crop totaled 228,000 cwt. The combined total of 1,074,000 showed a slight increase over the 1,016,000 cwt produced in 1976, and the 905,000 cwt harvested in 1975. The average yield per acre of the summer crop was unchanged from 1976 at 445 cwt, while the fall celery crop increased 25 cwt and totaled 455 per acre.

THE GROWING SEASON: An early spring allowed planting to get off to an earlier than normal start. However, this was soon offset by frosts in late April and early May. This caused some damage to transplants and a few replantings were necessary. In addition to this, high winds along with dry weather caused some further damage. By the middle of May, hot and dry weather permitted planting to move at a rapid pace, but was not favorable for freshly set out transplants. The weather continued dry into the 1st week of June, when rain helped alleviate the soil moisture temporarily. The weather remained mostly dry through June, with rain relieving the drought temporarily during the 1st week of July.

THE HARVEST: A light volume of celery was harvested during the 3rd week of June. This was about one week earlier than 1976. The volume increased moderately as more growers began the harvest, and was active by the 3rd week of July. During this week almost 64,000 crates were marketed. From July 17th through September 3rd, the volume of harvest followed a typical seasonal pattern with crates totaling any where from 47,000 to 59,000, while the overall cutting schedule was ahead of 1976.

The peak period of the harvest occurred from September 4th through the 24th. In this same time period 259,200 crates, and 23,000 cartons were harvested and marketed. In spite of the wet weather that soon became established in September and lasted through October, the pace of the harvest remained at a near normal level.

MARKETING: First of season FOB shipping point prices were reported by the Federal State Market News Service on Monday June 20th and showed cartons of 24 film wrapped hearts at \$7.50. FOB sales on crates of 2 and 2½ dozen US#1 celery, were initially reported on June 30th at \$6.50. This was one dollar per crate higher than the opening price of 1976. The market advanced, and on the 15th day of July the season's highest prices were recorded on 2 and 2½ doz. size at \$7.00-7.50. The market soon became lower as the demand changed from a very good level to a lighter but moderate level. At this time, prices declined approximately .50 to \$1.50 per crate according to size. This adjustment in FOB prices failed to stimulate an adequate volume of trading and shipments and as a result prices declined further during the week that followed. Prices for the week ending July 29th on crates of 2 dozen were \$5.50, with one 2½ and 3 dozen size at \$6.00, while hearts were steady at \$7.50. The market experienced some further weakness and the season's low was reached in late August when 2's and 4's sold at \$4.50, with 2½ and 3 dozen at \$5.00. Final sales of the season were reported on Friday, October 21st.

SHIPMENTS: Truck shipments of Michigan celery totaled 6,229 units of 10,000 lbs, compared to the 5,685 units recorded in 1976. Of this past season's shipments, 916,200 were crates, with 129,410 cartons of film wrapped hearts.

41 CITIES UNLOADS: Combined rail and truck unloads during the marketing season totaled 3,256 units of 10,000 lbs. During the corresponding period a year earlier, 3,006 units had been received on the markets. 24 U.S. and 2 Canadian cities received Michigan celery. The cities which handled the heaviest volume were: Chicago 502 units; Pittsburgh 376; Cincinnati 323; Detroit 293; Baltimore - Washington 266 and New York - Newark with 255 units of 10,000 lbs.

CELERY FRESH MARKET AND PROCESSING: AREA, YIELD PER ACRE, PRODUCTION AND VALUE 5-77

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>ACRES</u>						<u>HUNDRED WEIGHT</u>		
SUMMER:									
California (C. Coast)	3,300	3,800	4,000	3,200	3,700	4,000	585	550	585
MICHIGAN	2,200	1,900	2,000	1,900	1,800	1,900	430	445	445
New York	680	790	460	660	760	440	305	340	420
Ohio	250	270	290	240	220	230	420	470	420
TOTAL SUMMER	6,430	6,760	6,750	6,000	6,480	6,570	499	493	528
FALL:									
California (S. Coast)	1,600	2,000	2,000	1,600	2,000	2,000	580	565	580
California (C. Coast)	4,300	4,900	4,700	4,300	4,900	4,700	570	590	590
Florida	1,500	2,000	1,900	1,500	2,000	1,800	300	350	315
MICHIGAN	200	600	500	200	500	500	440	430	455
New York	150	150	140	150	130	110	400	370	420
Washington	250	250	280	250	250	280	465	480	375
TOTAL FALL	8,000	9,900	9,520	8,000	9,780	9,390	512	522	520
UNITED STATES	33,280	34,910	34,570	31,750	33,660	33,560	498	502	495
SEASON AND STATE	PRODUCTION			VALUE					
	1975	1976	1977	PER CWT.			TOTAL		
	<u>1,000 CWT.</u>			<u>DOLLARS</u>			<u>1,000 DOLLARS</u>		
SUMMER:									
California (C. Coast)	1,872	2,035	2,340	6.58	6.29	6.52	12,318	12,807	15,254
MICHIGAN	817	801	846	7.97	8.54	8.39	6,514	6,842	7,102
New York	201	258	185	7.92	8.44	8.47	1,592	2,177	1,567
Ohio	101	103	97	8.57	9.48	7.58	866	976	735
TOTAL SUMMER	2,991	3,197	3,468	7.12	7.13	7.11	21,290	22,802	24,658
FALL:									
California (S. Coast)	928	1,130	1,160	11.60	7.70	7.68	10,765	8,701	8,909
California (C. Coast)	2,451	2,891	2,773	9.87	7.25	8.20	24,185	20,890	22,742
Florida	450	700	567	13.00	8.98	11.90	5,850	6,286	6,747
MICHIGAN	88	215	228	6.66	8.48	7.71	586	1,823	1,758
New York	60	48	46	9.90	7.70	8.70	594	370	400
Washington	116	120	105	9.41	7.17	6.97	1,092	860	732
TOTAL FALL	4,093	5,104	4,879	10.50	7.63	8.46	43,072	38,930	41,288
UNITED STATES	15,826	16,904	16,608	7.46	7.89	8.92	118,122	133,336	148,193

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

U.S. WEEKLY CELERY TRUCK SHIPMENTS FOR 1977
IN 10,000 LB. UNITS

WEEK ENDING	MICHIGAN	CALIF. 1/	NEW YORK	FLORIDA	TOTAL
June 25	27	1714	-	179	1920
July 2	68	1763	-	103	1934
9	266	1493	-	57	1816
16	426	1334	8	-	1768
23	372	1265	57	-	1694
30	407	1186	84	-	1677
Aug. 6	414	1300	110	-	1824
13	418	1216	129	-	1763
20	361	1269	106	-	1736
27	327	1398	99	-	1824
Sept. 3	376	1547	87	-	2010
10	555	1220	87	-	1862
17	551	1562	91	-	2204
24	612	1436	84	-	2132
Oct. 1	460	1505	80	-	2045
8	319	1725	103	-	2147
15	232	1775	91	-	2098
22	38	1892	8	-	1938
29	-	2223	-	-	2223
TOTAL	6229	28823	1224	339	36615

1/ California figures include rail and truck.

SOURCE: Weekly Summary Shipments - Unloads - Wash. D.C.

MICHIGAN CELERY TRUCK SHIPMENTS REPORTED WEEKLY
FOR 1977 & 1976

WEEK ENDING	1977		1976	
	Crts.	Hearts	Crts.	Hearts
June 25	1,200	5,750	-	-
July 2	7,800	5,750	5,042	10,536
9	39,000	5,750	21,442	7,323
16	63,600	6,630	46,566	8,574
23	55,200	6,630	46,467	6,945
30	58,800	10,350	43,567	7,166
Aug. 6	60,000	10,350	56,500	9,039
13	61,800	9,200	59,215	7,205
20	52,800	8,050	63,691	6,006
27	47,400	8,050	55,116	7,235
Sept. 3	57,000	4,600	65,438	7,842
10	84,600	5,750	56,393	7,643
17	82,200	9,200	78,144	9,728
24	92,400	8,050	70,912	10,833
Oct. 1	67,800	9,200	56,813	8,543
8	46,800	6,900	47,105	8,459
15	33,000	6,900	37,819	10,335
22	4,800	2,300	9,003	2,246
29	-	-	265	5,750
TOTAL	916,200	129,410	819,499	141,408

THE FOLLOWING CHART SHOWS FLUCTUATION IN WEST MICHIGAN F.O.B. CELERY PRICES FOR THE 1977 CROP

QUOTATIONS ARE FOR SALES ON U.S. # 1 PASCAL STOCK WIREBOUND CRATES UNLESS OTHERWISE STATED

WEEK ENDING	2 DOZ.	2½ DOZ.	3 DOZ.	4 DOZ.	6 DOZ.	HEARTS CRT. 24S	BULK TON
June 24						7.50	
July 1	6.50	6.50	6.00	5.75	5.75	7.50	
8	6.50-7.00	6.50-7.00	6.00	5.75	5.75	7.50	
15	7.00-7.50	7.50	7.00	6.00	6.00	7.50	
22	6.00	6.50	6.50	5.00	5.00	7.50	134.00
29	5.50	6.00	6.00	5.00	5.00	7.50	121.00-134.00
Aug. 5	5.50	6.00	6.00	5.00	5.00	7.50	121.00
12	5.00-5.50	6.00	6.00	5.00	5.00	7.50	121.00-118.00
19	4.50-4.75	5.00-5.50	5.00-5.50	4.50-4.75	4.50-4.75	7.00	107.00
26	4.50	5.00	5.00	4.50	4.50	7.00	96.00
Sept. 2	4.50	5.00	5.00	4.50	4.50	7.00	96.00
9	4.50	5.00	5.00	4.50	4.50	7.00	96.00
16	4.50-5.25	5.00-5.75	5.00-5.75	4.50	4.50	7.00	96.00-112.00
23	5.25	5.75	5.75	4.50	4.50	7.00	112.00
30	4.50-5.00	5.00-5.50	5.50	4.25	4.25	7.00	105.00-112.00
Oct. 7	4.50	5.00	5.50	4.25	4.25	7.00	98.00-105.00
14	4.50	5.00	5.50	4.25	4.25	7.00	98.00
21	4.50	5.00	5.00-5.50	4.25	4.25	7.00	98.00
28							98.00

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN CELERY AT IMPORTANT WHOLESALE TERMINAL MARKETS

(ALL QUOTATIONS ARE FOR WIREBOUND CRATES UNLESS OTHERWISE STATED)

A T L A N T A							
WEEK ENDING	HEARTS 24S	2 DOZ.	2½ DOZ.	3 DOZ.	4 DOZ.		
July 15				7.75-8.50			
22				8.00-9.00	7.00-7.25		
29		7.50	7.50	7.50-8.50			
Aug. 5				7.50			
12				7.50			
19	8.50	7.00-7.50	7.00-7.50	7.00-7.50			
26	8.50	6.00-6.50	6.00-6.50		5.00		
Sept. 2	8.00	6.00-6.50	6.00-6.50				
9	8.00	6.00-6.50	6.00-6.50				
16	8.00	6.00-7.00	6.00-7.00				
23	8.00	6.00-6.50	6.50-7.00				
30	8.00	6.00-6.50	6.50-7.00				
Oct. 7	8.00	5.50-6.00	6.00-6.50				
14	8.00	5.50-6.50	6.25-6.50				
21	7.75-8.00	5.50-6.25	6.00-6.50				

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN CELERY AT IMPORTANT WHOLESALE TERMINAL MARKETS

B A L T I M O R E

WEEK ENDING	HEARTS 24S	2 DOZ.	2½ DOZ.	3 DOZ.	4 DOZ.
July 8		8.25	8.25	8.00	8.00
15		7.75-9.50	9.00-9.50	7.75-8.50	7.75-8.00
22		8.00-9.50	8.00-9.50	7.50-8.25	7.50-8.00
29		7.00-7.50	7.00-7.50	7.00-7.50	
Aug. 5			7.75		
12	8.00-8.25		6.00-7.75	6.00-7.75	
19			6.50-7.00	6.00-6.50	
26	8.00		6.00-6.75	5.50-6.00	
Sept. 2				6.00	
9		6.00	6.50	6.50	
16	8.00	6.50		6.50	

C H I C A G O

WEEK ENDING		2 DOZ.	2½ DOZ.	3 DOZ.	4 DOZ.
July 1				7.50-8.00	
8				8.00	
15		8.50-9.00	8.50-9.00	7.50-9.00	7.50-9.00
22		7.00-9.00	7.00-9.00	7.00-8.00	7.00
29		6.50	6.50-7.50	6.50-7.50	7.00
Aug. 5			5.00-6.50	5.00-6.50	6.00
12		5.50-6.00	5.50-6.00	5.50-6.00	
19		5.00	5.00		
26					
Sept. 2			6.50		
9		6.00	6.50	6.50	
16					
23		6.50-7.50	6.50-7.50	6.50-7.50	6.50-7.50
30		6.00-6.50	6.00-7.00	6.00-7.00	
Oct. 7		5.00-6.00	5.00-6.50	5.00-6.00	
14		5.50-6.00	6.00-7.00	5.50-7.00	
21		5.50-7.00	6.00-7.00	5.50-6.00	

C I N C I N N A T I

WEEK ENDING		2 DOZ.	2½ DOZ.	3 DOZ.
July 8			8.75	
15		8.75	8.50-9.50	
22		7.25	7.75-8.25	
29		6.75-7.25	7.25-7.50	7.50
Aug. 5			7.00-7.25	
12		6.75	6.75-7.75	
19		6.50	7.25	
26		5.50-6.25	6.00-6.90	
Sept. 2		5.50-6.00	6.00-6.50	
9		5.25-6.00	5.75-6.50	5.75-6.00
16		6.00-6.50	6.50-7.00	6.50
23		6.00-7.00	6.50-7.50	6.50-7.00
30		6.00-6.50	6.00-6.50	6.25-6.50
Oct. 7		5.50-6.00	6.00-6.50	5.50-6.50
14		5.50-6.00	6.00-6.50	5.50-6.00
21		5.50-6.00	6.00-6.50	5.50-6.00
28		6.50	7.00	

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN CELERY AT IMPORTANT WHOLESALE TERMINAL MARKETS

		<u>D E T R O I T</u>			
WEEK	ENDING	HEARTS 24S	2 DOZ.	2½ DOZ.	HEARTS 18S
June	24	8.75			
July	1	8.75		8.00	
	8	8.75	8.00-8.50	8.00	
	15	8.75	8.00-9.00		
	22	8.75	7.00-7.50		
	29	8.75	6.75		
Aug.	5	8.50	6.50-6.75		
	12	8.00-8.50			
	19	8.00	5.75		
	26	8.00-8.50	5.75		
Sept.	2	8.00			
	9	8.00			
	16	8.00			
	23	8.00			
	30	8.00	6.50-7.00		
Oct.	7	8.00	5.50-6.00		
	14	8.00-8.75	5.50-6.00		6.75
	21	8.00-8.50			

		<u>P I T T S B U R G H</u>				
WEEK	ENDING	HEARTS 24S	2 DOZ.	2½ DOZ.	3 DOZ.	4 DOZ.
July	8		8.50-9.00	8.00-9.00	6.50-7.00	6.50-7.00
	15		8.00-8.50	8.00-8.50		
	22		7.00-7.50	7.00-7.50		
	29		7.00-7.50	7.00-7.50	7.50	6.50
Aug.	5	8.00	7.00-7.50	7.00-7.50		
	12	8.50	7.00-7.50	7.00-7.50		
	19	8.50	7.00-7.50	7.00-7.50		
	26	8.50	6.00-6.50	6.00-6.50		5.00
Sept.	2	8.00	6.00-6.50	6.00-6.50		
	9	8.00	6.00-6.50	6.00-6.50		
	16	8.00	6.00-7.00	6.00-7.00		
	23	8.00	6.00-6.50	6.50-7.00		
	30	8.00	6.00-6.50	6.50-7.00		
Oct.	7	8.00	5.50-6.00	6.00-6.50		
	14	8.00	5.50-6.50	6.25-6.50		
	21	7.75-8.00	5.50-6.25	6.00-6.50		

		<u>S T. L O U I S</u>			
WEEK	ENDING	HEARTS 24S	2½ DOZ.	3 DOZ.	4 DOZ.
July	22			8.00	
	29			7.50	6.50
Aug.	5		8.00	7.25-7.50	6.50
	12	9.00	7.75	7.25-7.50	6.50
	19			7.25-7.50	6.25-6.50
	26			6.50-6.75	
Sept.	2		6.50-7.00	6.25-6.50	6.00
	9			6.50	6.00
	16			6.50	6.00
	23		6.50-7.00	6.50-7.00	6.00
	30		6.50-7.00	6.75-7.00	5.50-6.00
Oct.	7		6.00-6.65	5.75-6.65	
	14			6.75	

U.S. 41 CITIES CELERY WEEKLY UNLOADS
IN 10,000 LB. UNITS

WEEK ENDING	MICH.	CALIF.	COLO.	FLA.	N.J.	N.Y.	OHIO	OTHERS	TOTAL
June 24	8	1406	-	167	-	-	-	-	158
July 1	27	1410	-	99	-	-	8	-	154
8	72	1151	-	57	-	-	34	-	131
15	141	1220	-	30	4	-	53	-	144
22	194	1167	-	-	8	53	53	8	148
29	186	1262	-	-	4	87	49	4	159
Aug. 5	179	1083	-	-	8	72	57	8	140
12	167	1011	-	-	8	87	42	8	132
19	171	1053	-	-	8	84	34	11	136
26	220	1037	-	-	19	95	46	15	143
Sept. 2	171	1148	-	-	4	68	49	8	144
9	205	961	-	-	-	80	53	15	131
16	296	1106	-	-	-	95	34	15	154
23	281	992	-	-	-	87	27	27	141
30	251	999	-	-	-	106	42	27	142
Oct. 7	220	1117	-	-	-	91	38	46	151
14	190	1117	-	-	-	72	15	38	143
21	129	1246	-	-	8	61	-	39	148
28	68	1243	-	-	-	-	-	53	136
Nov. 4	34	1417	-	-	-	-	-	46	149
11	15	1573	-	8	4	4	-	38	164
18	23	2299	-	38	-	-	-	46	240
25	8	2299	-	76	-	-	-	11	239
TOTALS	3256	29317	-	475	75	1142	634	463	3536

The "41 Markets" include Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Dallas, Denver, Detroit, Fort Worth, Houston, Indianapolis, Kansas City, Louisville, Memphis, Miami, Milwaukee, Minneapolis, Nashville, New Orleans, New York, Philadelphia, Pittsburgh, Providence, St. Louis, St. Paul, and Washington, Albany, Columbia, Los Angeles, Newark, Oakland, Oklahoma City, Portland, Salt Lake City, San Antonio, San Francisco, Seattle, and Tacoma.

SOURCE: Weekly Summary Shipments and Unloads - Transportation Section - Market News Branch - AMS - U.S.D.A.

CUCUMBERS
1977 CROP

PLANTED ACREAGE: Cucumber acreage that was planted for the U.S. summer quarter crop totaled 18,800 acres. This was an increase of 1,800 acres over 1976. Michigan's planted acreage at 2,200 acres was up 200 acres from 1976. All states except California and Maryland were credited with acreage increases.

PRODUCTION: U.S. summer quarter harvested acreage totaled 16,900, compared to the 15,900 acres harvested in 1976. The production totaled 1,671,000 cwt and was up 30,000 cwt from 1976's production. Michigan's harvest of 2,100 acres produced 168,000 cwt for an average yield of 80 cwt per acre. A year earlier 2,000 acres had produced 140,000 cwt of cucumbers for an average yield of 75 cwt per acre.

THE GROWING SEASON: Even though winter was unusually severe, spring came early to Michigan. This allowed planting to begin fairly early, but it also resulted in some damage due to repeated frosts that occurred in early May. According to the Crop Reporting Service, development of the cucumber crop was slightly below normal by the end of May. Dry, but warm weather became the rule during most of June, and except for a few showers, July was also fairly dry. Even at this, cooler temperatures and an adequate level of moisture allowed the crop to develop well.

THE HARVEST: Light harvesting was underway in the Southwestern area of the state by the second week of July. Shipments were light and were directed to nearby markets. The volume increased moderately by the third week of July, and remained at a seasonally normal level through most of August. By the second week of September most growers had finished the harvest.

MARKETING: First of season FOB sales were reported by the Federal State Market News Service on Tuesday, July 12th. Bushel cartons of waxed medium sized cucumbers sold at \$12.00, compared to an opening price of \$7.00-7.50 in 1976. Prices were soon lower with sales recorded at \$8.00, which helped improve the demand. The market failed to hold at this level, and by Monday, July 18th, sales were recorded at \$6.00. The market continued to decline as supplies increased. The season's low was recorded during the week ending August 19th, when bushel cartons of medium sized waxed cucumbers ranged from \$4.00-5.00. The market rallied approximately one dollar per carton during the following week and generally remained at a level of \$5.00-6.00 for the balance of the season. The final FOB of the season was issued on Wednesday, September 14th.

PACKAGING: The bushel carton and 1 1/9 bushel crate were the principal containers used this past season. Cartons holding 24 large sized cucumbers were also used in moderate to heavy volume.

TRANSPORTATION: Nearly all cucumbers were sold and shipped as a part of mixed vegetable loads. The conversion factor to use in figuring packages from 10,000 lb units is 55 lbs per bushel basket, carton or crate, and 1 1/9 bushel crates or cartons. Cartons of 24's are factored at 22 pounds.

41 CITIES: Michigan cucumbers that were received by merchants and retail chains in the 41 cities totaled 1,712 units of 10,000 lbs. in 1977. This was an increase of 530 units over the unloads reported in 1976 which totaled 1,182 units of 10,000 lbs.

CUCUMBERS FOR FRESH MARKET: AREA, YIELD PER ACRE, PRODUCTION AND VALUE 1975-77

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>ACRES</u>						<u>HUNDRED WEIGHT</u>		
SUMMER:									
California	1,400	1,300	1,100	1,400	1,300	1,100	270	265	250
Maryland	1,600	1,600	1,600	1,600	1,600	1,600	97	97	94
MICHIGAN	2,000	2,000	2,200	2,000	2,000	2,100	75	70	80
New Jersey	1,500	1,500	1,600	1,300	1,500	1,500	155	145	150
New York	2,200	2,400	2,600	2,100	2,200	2,200	130	115	115
North Carolina	6,200	4,500	4,800	3,700	3,900	3,800	58	68	58
Texas	900	900	1,800	850	800	1,600	120	120	110
Virginia	2,900	2,800	3,100	2,800	2,600	3,000	73	65	68
TOTAL SUMMER	18,700	17,000	18,800	15,750	15,900	16,900	107	103	99
UNITED STATES	52,100	53,660	56,310	47,450	49,060	51,310	102	104	107

	PRODUCTION			VALUE					
				PER CWT.			TOTAL		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>1,000 CWT.</u>			<u>DOLLARS</u>			<u>1,000 DOLLARS</u>		
SUMMER:									
California	378	345	275	10.60	8.95	10.90	4,007	3,088	2,998
Maryland	155	155	150	8.71	11.00	10.30	1,350	1,705	1,545
MICHIGAN	150	140	168	9.00	11.00	9.26	1,350	1,540	1,556
New Jersey	202	218	225	10.10	5.14	13.10	2,040	1,121	2,948
New York	273	253	253	9.62	11.30	10.70	2,626	2,899	2,707
North Carolina	215	265	220	9.07	9.01	8.61	1,950	2,388	1,894
Texas	102	96	176	11.10	12.10	12.00	1,132	1,162	2,112
Virginia	204	169	204	7.78	10.20	11.00	1,587	1,724	2,244
TOTAL SUMMER	1,679	1,641	1,671	9.55	9.50	10.80	16,042	15,587	18,004
UNITED STATES	4,840	5,078	5,503	10.40	9.66	10.40	50,292	49,063	57,256

SOURCE: Crop Reporting Board, SRS, USDA.
Vegetables Summary 1977.

MICHIGAN F.O.B. CUCUMBERS PRICES FOR THE 1977 CROP

BUSHEL CARTONS & 1 1/9 BUSHEL CRATES

WEEK ENDING	SMALL	MEDIUM	LARGE	CARTONS 24S
July 15		6.00-12.00	4.00-7.00	2.75-3.00
22		5.00-6.00	2.00-3.25	2.65-2.75
29	6.00-7.00	6.50-8.50	2.50-3.50	2.75-3.25
Aug 5	6.00-7.00	7.00-8.50	3.00-3.50	3.00-3.25
12	4.00-5.00	4.00-6.00	2.50-3.00	1.50-2.25
19	3.50-4.00	4.00-5.00	2.50-3.00	1.50-1.75
26	4.00-4.50	5.00-6.00	2.50-3.00	1.75-2.00
Sept 2	4.50-5.00	4.75-5.50	3.00	1.75-2.00
9	4.50-5.00	5.00-6.00	3.00-3.25	2.00-3.25
16	4.50-5.00	5.00-6.00	2.50-3.25	2.00

WHOLESALE TERMINAL MARKETS FOR CUCUMBERS

C H I C A G O

WEEK ENDING	BUSHEL CARTONS MEDIUM	CARTONS 24S
July 15	9.00-14.50	
Aug 5	7.00-9.00	
12	6.00-6.50	
19		
26		
Sept 2	3.50-5.50	
9	6.00	3.00

C I N C I N N A T I

WEEK ENDING	1 1/9 BUSHEL CRATES MEDIUM	LARGE	CARTONS 24S
Aug 12			2.50-3.75
19	5.00-6.00	3.50-4.00	2.50
26	6.00-7.00	4.00	2.25-2.50
Sept 2	7.25-7.50	3.00	2.40-2.50
9	7.00	2.25-2.50	
16	7.00	2.40-2.50	

D E T R O I T

WEEK ENDING	BUSHEL CARTONS MEDIUM	SMALL	1 1/9 BUSHEL CRATES MEDIUM	CARTONS 24S
July 15	12.00-14.50	15.00		4.00
22	7.00-7.50	6.00-6.50		3.25-3.50
Aug 5			7.50	
12			7.50	
19				
26			3.50-4.00	
Sept 2			3.00	

P I T T S B U R G H

WEEK ENDING	BUSHEL BASKETS MEDIUM	1 1/9 BUSHEL CRATES MEDIUM
Aug 5	8.50-10.00	9.00-10.00
12		5.00-6.00
19		5.00
26		5.50-6.00

ICEBERG LETTUCE
1977 CROP

ACREAGE: Michigan's planted acreage of lettuce was unchanged in 1977 at 1,600 acres. The total United States summer crop of lettuce totaled 56,900 acres. This was an increase of 4,900 over the planted acreage of 1976, but was down 860 acres from 1975. The single largest increase this past season was in California, where the acreage increased 4,000 acres.

PRODUCTION: The harvested acreage of Michigan's lettuce crop totaled 1,400 acres, and was unchanged from 1976. The production at 238,000 cwt, was also the same as 1976, but was up 43,000 cwt from 1975. The yield per acre was 170 cwt. The total United States summer crop was harvested from 53,800 acres and produced 14,330,000 cwt. This showed an increase of 3,900 acres harvested, and a production increase of 1,248,000 cwt. The average yield for all production areas was 266 cwt. Most of the reason for the high average yield was due to California's heavy production, which yielded 285 cwt per acre.

THE GROWING SEASON: An early spring permitted planting to take place earlier than normal. Planting was soon delayed slightly by cool weather and wet fields which followed during the first few weeks of May. The weather then turned hot and dry and permitted the tempo of planting to take place at a rapid pace. Cool and damp weather during the second week of June offered some temporary relief, but was soon followed by more hot and dry weather. The weather during July was mostly dry but included enough moisture to allow the crop to develop at a nearly normal level into August with supplemental irrigation. The remainder of the growing season was wet.

THE HARVEST: A very light volume of lettuce was harvested during the first week of July. The volume increased to a moderate level by the second week, then remained at this level until the week ending July 24th. At this time growers were between fields. The pace of harvest remained light through the second week of August, then increased as more fields were ready for harvest. The volume held at a moderate level through most of September and was generally completed in October.

MARKETING: The 1st F.O.B. shipping point sales of the season were reported by the Federal State Market News Service on July 5th, and showed cartons of 24 heads of iceberg lettuce at \$3.50. This was approximately \$1.00-1.50 lower than the opening price of 1976, but was .50 cents higher than 1975. The market soon firmed up and prices increased to \$4.50-4.60 by the 11th of July. This price held until around the 18th of July when the market slipped to \$3.75-4.00. This failed to stimulate the demand, and prices declined to a season's low of \$3.00 on the 21st. The market recovered during the next week to \$3.50, and held at a general level of \$3.00-3.75 through the 16th of August. During the next two weeks the market advanced to a level of \$4.75-5.00, which was the season's highest prices. With the arrival of September the market once again declined and sales ranged from \$4.00-4.50. This price level held through the 19th of September when the market slipped to \$4.00. The last FOB of the season was issued on September 22nd.

PACKAGE: The principal container used was the waxed carton, which contained 24 heads of lettuce.

TRANSPORTATION: All Michigan lettuce was shipped via refrigerated trucks, with many shipments as part of a mixed vegetable load. In factoring 10,000 lb units, the weight of 50 pounds was used per carton.

41 CITIES: Unloads of Michigan lettuce in the 41 major cities totaled 809 units of 10,000 lbs. This was a decrease of 75 units from the 884 units that were received by merchants and retail outlets in 1976.

LETTUCE FOR FRESH MARKET: AREA AND YIELD PER ACRE 1975-77

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>ACRES</u>						<u>HUNDRED WEIGHT</u>		
SUMMER:									
California	41,300	37,000	41,000	41,000	37,000	41,000	270	280	285
Colorado	4,600	5,000	5,700	4,300	4,800	4,300	225	255	235
Connecticut ^{1/}	260			210			145		
Massachusetts ^{1/}	400			350			160		
MICHIGAN	1,600	1,600	1,600	1,300	1,400	1,400	150	170	170
New Jersey	800	800	800	500	600	600	190	180	175
New York	4,500	3,900	4,100	3,200	2,800	3,300	193	180	200
Ohio	1,000	900	900	900	700	700	130	140	150
Oregon ^{1/}	600			600			190		
Washington	1,300	1,300	1,200	1,200	1,200	1,100	170	190	185
Wisconsin	1,400	1,500	1,600	900	1,400	1,400	120	230	230
TOTAL SUMMER:	57,760	52,000	56,900	54,460	49,900	53,800	249	262	266

SEASON AND STATE	PRODUCTION			PER CWT.			VALUE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>1,000 CWT.</u>			<u>DOLLARS</u>			<u>1,000 DOLLARS</u>		
SUMMER:									
California	11,070	10,360	11,685	6.32	11.00	7.17	69,962	113,960	83,781
Colorado	968	1,224	1,011	6.66	10.10	5.94	6,447	12,362	6,005
Connecticut ^{1/}	30			10.30			309		
Massachusetts ^{1/}	56			10.50			588		
MICHIGAN	195	238	238	9.67	13.90	9.60	1,886	3,308	2,285
New Jersey	95	108	105	7.33	11.00	7.22	696	1,188	758
New York	616	504	660	8.46	11.80	8.71	5,214	5,947	5,749
Ohio	117	98	105	21.50	27.50	22.60	2,516	2,695	2,373
Oregon ^{1/}	114			11.90			1,357		
Washington	204	228	204	6.06	8.09	7.41	1,236	1,845	1,512
Wisconsin	108	322	322	9.98	12.40	9.65	1,078	3,993	3,107
TOTAL SUMMER:	13,573	13,082	14,330	6.73	11.10	7.37	91,289	145,298	105,570

^{1/} Estimates discontinued in 1976.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977.

THE FOLLOWING CHART SHOWS FLUCTUATION IN STOCKBRIDGE-MUNITH DISTRICT MICHIGAN F.O.B. POINTS ICEBERG LETTUCE PRICES FOR THE 1977 CROP.

WEEK ENDING	ICEBERG 24s
JULY 8	3.50-3.75
15	4.50-4.60
22	3.00-4.00
29	3.25-3.50
AUG. 5	3.00-3.25
12	3.25-3.75
19	3.25-4.00
26	3.50-5.00
SEPT. 2	4.00-5.00
9	4.00-4.75
16	4.00-4.75
23	4.00

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN ICEBERG LETTUCE AT IMPORTANT WHOLESALE TERMINAL MARKETS

BALTIMORE:				CHICAGO:	
WEEK ENDING	ICEBERG 24s	BUSHEL BASKETS	1 1/9 BUSHEL	WEEK ENDING	ICEBERG 24s
AUG. 12	6.00-6.25			JULY 15	5.00-5.50
SEPT. 2		6.00	4.00-5.00	AUG. 12	4.00-4.50
				19	4.00
				23	4.50-4.75

CINCINNATI:	
WEEK ENDING	ICEBERG 24s
AUG. 5	3.50-4.50
SEPT. 9	5.50

1977
ICEBERG LETTUCE TRUCK SHIPMENTS IN 10,000 LB UNITS

WEEK ENDING	MICHIGAN	CALIFORNIA	COLORADO	NEW YORK	NEW JERSEY	TEXAS
July 9	96	5789	53	601		
16	86	5789	812	802		
23	23	5826	1029	934		
30	26	5285	1230	637		
AUG. 6	33	5592	984	604		
13	33	5945	1066	495		
20	43	6560	726	366		
27	36	6121	873	343		
SEPT. 3	43	6880	795	317		
10	86	7114	500	317		
17	59	7757	180	175		
24	40	7306	-	73	86	304
OCT. 1	36	6913	-	-	314	475
8	26	6986	-	-	386	297
15	7	7019	-	-	215	314
TOTAL *	673	96882	8248	5664	1001	1390

(*) Full season shipments shown for MICHIGAN ONLY

RADISHES
1977 CROP

ACREAGE AND PRODUCTION: The Crop Reporting Board of the Economics, Statistics, and Cooperative Service does not publish acreage or production for radishes.

GROWING CONDITIONS: Though winter was unusually harsh and cold, spring arrived early in Michigan. Except for some cool and damp weather in early May, most of May was warm and dry. This allowed the crop to go into the soil at a good pace. The dry and hot weather continued into the first days of June, when rain brought relief to the crop. The rain also helped the radishes develop some much needed size. Growing conditions remained mostly favorable through June and into the first few weeks of July. Hot weather during the week ending July 26th placed many fields under stress and held back growth. This limited supplies until the 2nd week of August. The weather was generally favorable during the balance of August and up to the 2nd week of September when rain and wet fields became a severe problem. Wet weather prevailed up through the 1st week of October and limited both the quality of the radishes and the rate of harvest. This was immediately followed by cool weather which damaged most fields as the growing season drew to a close.

THE HARVEST: A light volume of radishes were harvested during the first week of June. The volume soon increased and remained at a moderate level through the middle of July. At that time many growers were between fields. This in combination with hot and dry weather limited the harvest. A few fields were lost to the hot weather that placed the crop under stress during the week ending July 25th. The tempo of the harvest increased by the second week of August and peaked during the latter part of the month. Wet fields limited the harvest during the 2nd half of September, and this was followed by cool weather in October. Due to the cool and damp weather the harvest finished early and was generally over by the 17th of October.

MARKETING: The first F.O.B. shipping point prices reported by the Federal State Market News Service were issued on June 7th. Sales on cartons of 30-6 oz film bags of red radishes were reported at \$1.75, with 24-8 oz film bags of white radishes at \$3.50.

This was a week earlier than the first of season sales in 1976 which were \$2.50 and \$3.50. The market held at this level until the 16th of June when prices slipped to \$1.50 for reds, and advanced to \$3.75 for white radishes. This was the lowest price of the season for red radishes. The market soon recovered slightly, with sales on the 22nd of June ranging from \$1.50-1.75. By the end of June the market firmed up to \$1.75, which held until July 11th, when the market advanced to \$2.00. As supplies remained light through this period the market continued to strengthen. On the 28th of July red radishes were reported at \$3.00, with whites from \$3.50-3.75. Supplies increased after the 1st week of August and prices once again declined. F.O.B. sales on August 31st for reds were reported at \$1.75, with white radishes from \$3.25-3.50. Wet weather strengthened the market during September and prices gradually climbed to \$3.50-3.75 for reds at the end of the month, while white radishes advanced slightly to \$3.50-3.75. The market continued to show strength due to the cool and wet weather that followed in October. Final sales of the season were reported on October 12th and showed a few cartons of 30-6 oz film bags of red radishes at \$5.00. Even though this represented a very limited volume, it was the season's highest price.

PACKAGE: The principal container used was the waxed carton packed with 30-6 oz film bags of red radishes or 24-8 oz film bags of whites.

TRANSPORTATION: Practically all shipments were delivered in refrigerated trucks. A large volume of radishes were shipped with other vegetables in mixed loads. To determine the number of cartons per 10,000 lb unit, divide by 12.

41 CITIES: The combined rail and truck unloads of Michigan radishes in the 41 cities totaled 547 units of 10,000 lbs. This was a slight increase over the 483 units unloaded in 1976, and the 496 units that receivers unloaded in 1975.

CARTONS FILM BAGS

WEEK ENDING	RED 30-6 OZ.	WHITE 24-8 OZ.
JUNE 10	1.75	3.50-3.75
17	1.50-1.75	3.50-3.75
24	1.50-1.75	3.50-3.75
JULY 1	1.50-1.75	3.25-3.50
8	1.75	3.25
15	2.00-2.50	3.50-4.00
22	2.50-3.00	3.75-4.00
29	2.75-3.00	3.50-4.00
AUG. 5	2.25-3.00	3.00-3.75
12	1.75-2.25	3.25-3.50
19	1.75-2.75	3.25-3.50
26	1.75	3.25-3.50
SEPT. 2	1.70-1.75	3.25-3.50
9	2.00-2.25	3.50-3.75
16	2.25	3.50-3.75
23	2.25-2.50	3.50-3.75
30	3.00-3.75	3.50-3.75
OCT. 7	4.00-4.50	3.50-3.75
14	5.00	

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN RADISHES AT IMPORTANT WHOLESALE TERMINAL MARKETS

WEEK ENDING	CHICAGO			WEEK ENDING	CLEVELAND
	RED 30-6 OZ.	12-1 LB	WHITE 24-8 OZ.		RED 30-6 OZ.
JUNE 10	2.25-2.50	2.25-2.50	3.00	JUNE 10	2.85-3.00
JULY 1	2.25			17	2.00
8	2.25-2.50	2.25-2.50	3.00-3.50	JULY 15	2.00-2.75
15	2.00-2.50	2.25-2.50	3.25-3.50	22	3.00
22	2.50	2.50		29	3.00
29	2.25-2.50	2.25-2.50		AUG. 26	2.25
AUG. 5	2.75-3.00	2.75-3.00		SEPT. 2	2.00-2.25
SEPT. 9	2.00	2.00		9	2.25-2.75
16	2.50	2.50		16	2.50
23	2.50	2.50		30	2.00-2.25
OCT. 7	4.00-4.50				

PITTSBURGH:

WEEK ENDING	RED 30-6 OZ.	14-1 LB	REDS BUNCHED 24s	WHITE 24-8 OZ.
JULY 8	2.00-2.25	2.00-2.25		3.50-4.00
15	2.00-2.50	2.00-2.50		3.50
22	2.75-3.00	2.75-3.00		3.50
29	2.75-3.00	2.75-3.00	2.75-3.75	3.50
AUG. 5	3.00-3.50	3.00-3.50	3.00-3.25	
12	2.50-3.00	2.50-3.00	2.25-2.50	
19	2.25-2.50	2.25-2.50	2.50-2.75	
26	2.25-2.50	2.25-2.50	2.50-2.75	3.50
SEPT. 2	2.25-2.50	2.25-2.50	2.50-2.75	3.50
9	2.25-2.50	2.25-2.50	2.75	3.00-3.50
16	2.25-2.50	2.25-2.50	2.75	3.50
23	2.25-2.50	2.25-2.50	2.25-2.75	3.25-3.50
30	2.50-3.50	2.75-3.50		3.00-3.50
OCT. 7	4.50	4.50		3.50-4.00
14	5.50-6.00	5.50-6.00		4.00

TOMATOES
1977 CROP

ACREAGE: Michigan's planted acreage decreased slightly in 1977 and totaled 4,300 acres. This was 100 acres less than 1976. The United States summer crop planted acreage totaled 60,380 acres. This was down slightly from the 62,490 acres planted in 1976, and was a moderate decrease from 1975. The largest decrease was in Arkansas, down 1,200 acres, followed by California which was down 800 acres.

PRODUCTION: The harvested acreage in Michigan was down slightly at 4,100 acres, compared to 4,300 in 1976. Production yielded 390,000 cwt, compared to 409,000 a year earlier. The average yield per acre was unchanged at 95 cwt. The total United States harvest was down 3,310 acres with a total of 56,710 acres harvested. The summer crop yielded 8,073,000 and was down 334,000 cwt from 1976, and 445,000 cwt from 1975. The average yield per acre was up slightly at 142 cwt.

THE GROWING SEASON: Frosts during the first of May, followed by hot and dry weather during the balance of the month caused some early damage to tomato transplants. This made some replanting necessary at various locations. Except for a timely rain that fell during the 1st week of June, crops suffered from a moisture shortage during the month. Widespread showers during the first of July were also timely and helped benefit the crop. Temperatures during the balance of the month were higher than normal and moisture conditions ranged from near normal to moderate drought. Rain during the first week of August, brought welcomed relief. Unfortunately, the rain continued and was followed by unseasonably cool weather. Tomatoes were beginning to crack in some fields by the week ending August 15th. The cool weather then slowed ripening, which was soon followed by a light frost. By the week ending September 6th, the crop had been damaged in many locations. Continuing rain fall during the rest of September which caused fruit to split, delayed ripening and brought the season to an earlier than normal close.

THE HARVEST: The 1977 harvest started slightly later than normal as picking began during the first week of August. The volume soon increased and peaked from August 10th through the 16th. The peak volume normally occurs from the mid to latter part of August, but rains and cool weather held back the harvest during this period.

Continued wet and cool weather slowed the harvest through the first few weeks of September. By this time the quality of the fruit had deteriorated due to excessive moisture and the season was forced to a close. This was about a week to two weeks earlier than normal.

MARKETING: Quality problems seriously affected marketing the 1977 tomato crop. Excessive moisture during the latter part of August and much of September caused over sizing and splitting. Cool weather added additional problems as more time was needed to acquire color. This caused much valuable marketing time to be lost, increased the number of splits and reduced the shelf life of the fruit. The first F.O.B. shipping point sales of the season were reported by the Federal-State Market News Service on July 26th. 8 quart cartons sold from \$4.50-5.00, with sales for the next two days shown from \$5.00-5.50. The opening price for 1976 was considerably lower at \$2.00-2.25. Prices failed to hold at the \$5.00-5.50 level, and slipped to a range of \$3.00-4.25 for the week ending August 5th. The market continued to weaken due to a light demand from buyers, and as a result many growers began hauling tomatoes to processors. Prices during the weeks ending August 12th and 19th, ranged from \$1.75-2.75. Rain soon limited offerings and the market recovered slightly with sales from \$2.50-3.50 during the next two weeks. Quality problems began to evolve and markets became limited by the first of September. This caused prices to dip lower as the season neared the end. Final sales of the season were reported on September 14th, when 8 quart cartons sold at a season's low of \$1.50-2.00.

PACKAGE: The 8 quart, or ten pound carton was the principal container.

SHIPMENTS: Truck shipments of Michigan tomatoes were down sharply due to the adverse weather. Shipments totaled 759 units of 10,000 lbs. This compares to 2,154 units in 1976 and 1,382 units in 1975.

41 CITIES: Unloads reported by merchants and large retail outlets in the 41 cities totaled 1,081 units of 10,000 lbs. Unloads during 1976 totaled 1,164 units, while the unloads credited to Michigan in 1975 totaled 1,050 units of 10,000 lbs.

TOMATOES FOR FRESH MARKET: AREA AND YIELD PER ACRE 1975-77

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	<u>AREA</u>						<u>HUNDRED WEIGHT</u>		
SUMMER:									
Alabama	5,200	5,500	5,500	5,200	5,500	5,000	70	75	70
Arkansas	1,800	1,900	700	1,700	1,900	600	105	135	90
California (Other)	16,500	15,500	14,700	16,500	15,500	14,700	240	250	275
Colorado <u>2/</u>	420			380			170		
Connecticut <u>2/</u>	700			640			130		
Georgia	2,800	3,100	3,300	2,600	2,900	3,100	64	75	58
Illinois <u>2/</u>	1,100			1,100			67		
Indiana	2,100	2,000	1,900	1,900	1,900	1,600	125	130	135
Kentucky	700	800	500	700	700	450	100	83	115
Maryland	2,200	2,400	2,400	2,100	2,300	2,300	95	94	92
Massachusetts	690	690	780	630	620	660	210	195	190
MICHIGAN	4,600	4,400	4,300	4,300	4,300	4,100	90	95	95
Missouri <u>2/</u>	450			450			85		
New Jersey	6,700	6,900	6,700	6,500	6,800	6,500	84	85	85
New York	3,100	3,200	3,500	2,900	2,700	3,000	119	115	93
North Carolina	2,000	2,100	2,300	1,900	2,000	2,000	150	145	140
Ohio	1,600	1,600	1,300	1,200	1,200	900	130	140	100
Pennsylvania	2,500	2,300	2,400	2,450	2,300	2,300	105	120	130
South Carolina	2,100	1,900	1,600	1,700	1,800	1,300	69	105	81
Tennessee	2,200	2,300	2,800	2,100	2,100	2,700	135	145	125
Texas	3,200	3,400	3,200	2,600	3,100	3,100	57	53	63
Virginia	2,700	2,500	2,500	2,600	2,400	2,400	120	130	130
Washington <u>2/</u>	650			650			170		
TOTAL SUMMER	66,010	62,490	60,380	62,800	60,020	56,710	136	140	142

2/ Estimates discontinued in 1976.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

TOMATOES FOR FRESH MARKET: PRODUCTION AND VALUE 1975-77

SEASON AND STATE	PRODUCTION			VALUE					
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	1,000 CWT.			PER CWT.			1,000 DOLLARS		
SUMMER:									
Alabama	364	413	350	15.20	21.60	29.30	5,533	8,921	10,255
Arkansas	179	257	54	32.50	19.00	21.80	5,818	4,883	1,177
California (Other)	3,960	3,875	4,043	15.60	18.10	21.60	61,776	70,138	87,329
Colorado <u>2/</u>	65			11.20			728		
Connecticut <u>2/</u>	83			18.00			1,494		
Georgia	166	218	180	23.60	21.20	17.10	3,911	4,622	3,078
Illinois <u>2/</u>	74			16.60			1,228		
Indiana	238	247	216	12.80	14.50	15.30	3,046	3,582	3,305
Kentucky	70	58	52	22.20	17.90	20.10	1,554	1,038	1,045
Maryland	200	216	212	13.60	12.40	13.10	2,720	2,678	2,777
Massachusetts	132	121	125	18.00	21.40	20.40	2,376	2,589	2,550
MICHIGAN	387	409	390	14.80	15.50	22.90	5,728	6,340	8,931
Missouri <u>2/</u>	38			13.80			524		
New Jersey	546	578	553	17.90	15.60	22.90	9,773	9,017	12,664
New York	346	311	279	18.40	18.70	21.30	6,364	5,816	5,943
North Carolina	285	290	280	14.80	13.50	17.00	4,218	3,915	4,760
Ohio	156	168	90	19.20	15.10	25.00	2,995	2,537	2,250
Pennsylvania	257	276	299	10.30	10.60	10.50	2,637	2,926	3,140
South Carolina	117	189	105	25.00	15.00	14.70	2,925	2,835	1,544
Tennessee	284	305	338	23.90	13.10	26.30	6,788	3,996	8,889
Texas	148	164	195	27.40	18.00	20.70	4,055	2,952	4,037
Virginia	312	312	312	15.10	16.40	14.40	4,711	5,117	4,493
Washington <u>2/</u>	111			14.70			1,632		
TOTAL SUMMER	8,518	8,407	8,073	16.70	17.10	20.80	142,534	143,902	168,167

2/ Estimates discontinued in 1976.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables Summary 1977

MICHIGAN TOMATO FRESH MARKET TRUCK SHIPMENTS REPORTED IN 10,000 LB UNITS

DATE	1977	1976	1975
Aug 7	33	(July 30 - Aug 7) 272	(July 26 - Aug 30) 369
8	25	-	21
9	16	33	25
10	41	57	37
11	49	45	49
12	41	49	25
13	33	66	29
14	-	53	45
15	41	49	21
16	45	78	12
17	37	107	62
18	21	94	49
19	12	78	57
20	8	90	53
21	21	82	49
22	21	-	16
23	37	53	25
24	33	86	25
25	25	78	33
26	12	70	45
27	4	70	37
28	37	37	37
29	25	37	-
30	16	45	-
31	16	70	12
Sept 1	21	53	21
2	4	41	25
3	8	66	12
4	4	62	16
5	16	8	16
6	25	53	12
7	16	37	-
8	16	45	16
		(Sept 9 - 12) 90	(Sept 9 - 28) 131
TOTALS	759	2154	1382

WEEK ENDING	1977 TOMATO UNLOAD (10,000 LB UNITS)									
	MICH*	CALIF.	IND.	N.J.	N.Y.	N.CAR.	OHIO	PENN.	OTHERS	TOTAL
June 17	4	668	16	-	-	4	197	-	2891	3780
24	8	853	8	8	-	37	291	-	2706	3911
July 1	16	1365	74	25	-	12	271	-	2542	4305
8	12	1632	37	62	-	25	209	-	1455	3432
15	12	2198	29	135	4	41	221	-	1181	3821
22	4	2194	62	221	8	111	230	-	999	3829
29	21	2214	62	213	16	160	164	8	541	3399
Aug 5	49	2325	74	205	29	148	98	16	369	3313
12	135	2046	53	176	33	152	62	57	349	3063
19	131	1812	25	78	41	168	41	103	360	2759
26	144	1747	37	49	66	139	49	131	328	2690
Sept 2	131	2054	16	45	78	123	45	115	271	2878
9	127	1874	37	33	62	86	33	123	220	2595
16	94	2066	33	25	70	53	41	86	238	2706
23	82	2025	16	21	33	29	25	45	221	2497
30	49	2243	16	21	25	25	45	21	241	2686
Oct 7	41	2727	4	21	12	12	49	21	225	3112
14	21	2833	4	16	-	4	41	12	230	3161
TOTALS	1081	34876	603	1354	477	1329	2112	738	15367	57937

* Complete Unloads for Michigan only.

SOURCE: Weekly Summary Shipments & Unloads

34.

THE FOLLOWING CHART SHOWS FLUCTUATION IN SOUTHWEST MICHIGAN F.O.B. TOMATO PRICES FOR THE 1977 CROP

WEEK ENDING	8 QT. CTNS MED-LGE	8-2 QT. BKTS MED	12 PT FLATS CHERRY	MICHIGAN NO. 1S		30 LB CARTONS 6/7s
				2 LAYER CARTONS APPROX. 20 lb 5/6s	2 LAYER CARTONS APPROX. 20 lb 6/6s	
JULY 29	4.00-5.50	9.00-9.50	5.50-6.50	8.00-8.50		
AUG. 5	3.00-4.25	7.50-9.00	4.50-5.50	7.00-8.50	6.00-7.50	
12	1.75-2.75	4.50-5.00	4.00-4.50	4.00-6.00	3.25-5.00	4.25-4.75
19	1.75-2.75	4.50-6.00	3.75-5.00	4.00-5.50	3.00-4.50	4.00-6.00
26	2.75-3.50	6.00-7.00	4.50-6.25	6.00-7.50	5.00-6.00	6.50-8.00
SEPT. 2	2.50-3.00	5.75-6.00	5.00-6.00	5.75-6.00	5.00-5.50	5.00-5.50
9	2.00-3.00		5.00-6.25	5.00-6.00		
16	1.50-2.50		5.75-6.25	4.00-4.50		

1977 WEEKLY PRICE RANGE FOR SALES OF MICHIGAN TOMATOES AT IMPORTANT WHOLESALE TERMINAL MARKETS

WEEK ENDING	CHICAGO:		WEEK ENDING	CLEVELAND	
	8 QT. CTNS MED-LGE	20 LB CTNS. LGE		2 LAYER CARTONS APPROX. 20 lb 5/6s	8 QT. CTNS.
JULY 29	4.00-4.50		AUG. 12	6.50-8.00	2.50-4.00
AUG. 5	4.00-5.00		16		4.00-4.50
12	2.00-3.00		SEPT. 2		3.75-4.00
19	2.00-3.50	6.00-6.50	9		3.25-3.50
26	3.00-4.00	7.50-8.00	16		3.00-3.25
SEPT. 2	2.50-3.00				
9	2.75-3.50	6.00-7.00			
30	2.50-3.00				

WEEK ENDING	DETROIT				WEEK ENDING	PITTSBURGH	
	20 LB CTNS LGE	20 LB CTNS MED	8 QT CTNS	12 PT FLATS CHERRY		20 LB CTNS LGE	8 QT CTNS LGE
AUG. 12	6.00	4.00			AUG. 5	9.00-9.50	
19	4.00-5.00	4.00-4.50	1.75-2.50	4.50-5.50	12		2.50-4.00
26	7.00-8.00		3.50-4.00	5.00-5.50	19	3.50	1.50-2.00
SEPT. 2		6.50-7.00			26	7.00	3.25-4.00
9		6.90-7.00	3.40-3.50		SEPT.	6.50-7.50	2.00-4.00

WEEK ENDING	S T. L O U I S				
	8 QT CTNS	20 LB CTNS SMALL	12 PT FLATS CHERRY	12 LB CTNS	8-2 QT BKTS
AUG. 12	3.00-3.50	3.50-4.00	5.50-6.50		
19	2.25-3.00		5.00-5.50	1.75-2.00	5.00
26	3.25-4.50	7.00	5.50-6.00	2.75-3.00	9.50