

MARKETING THE MICHIGAN STRAWBERRY CROP  
A Brief Review of the 1949 Season.

by  
E. E. Paulson and J. H. Selby

The Market News Service, Fruit and Vegetable Branch, U. S. Department of Agriculture, in cooperation with the Michigan State Department of Agriculture issued daily bulletins on strawberries during the season. These bulletins were issued from Benton Harbor Michigan during the months of June and July 1949. This is the second season such coverage has been available to members of the trade and other interested persons.

**PRODUCTION: National Situation**

The Crop Reporting Board, B. A. E., released national production figures on strawberries as 8,866,000 24-qt crates. This was almost 1/2 million crates below the 1948 crop of 90,224,000 crates and about 300,000 lower than the 10-year (1938-47) average of 9,138,000 crates.

Acreage for the country was placed at 127,430 acres as compared to the 1948 figure of 122,820 acres. The 10-year average is 128,020 acres.

Yield per acre was down in almost every State except in the California areas harvesting in mid spring. National yield per acre was placed at 69.6 24-qt crates. The 1948 yield per acre was 83.2 crates and the 10-year average 70.3 crates per acre.

**PRODUCTION: Michigan situation**

Figures released by the Crop Reporting Board, B. A. E., placed the 1949 Michigan strawberry production at 848,000 24-qt crates. 1948 production was 900,000 crates. Production average for the 10-year (1938-47) period was 671,000 24-qt crates.

Acreage devoted to strawberries in Michigan in 1949 total 11,300 acres. This was 2,500 acres over the 1948 figures of 9,000 acres and 3,710 acres over the 10-year average of 7,590 acres.

Yield per acre was set at 75 24-qt crates. This was 25 crates below the 100 crates per acre yield posted for 1948. Yield per acre for the 10-year (1938-47) period is 83 24-qt crates.

Tabulations below indicate National acreage planted, yield per acre and total production by States for the Winter Group, Early Spring, Mid-Spring and Late Spring Group of States producing commercial volumes of strawberries.

**STRAWBERRIES: Commercial crop 1/; Acreage, yield, production, with comparisons. Released by the Bureau of Agricultural Economics, 19, 1949.**

SEASONAL GROUP	ACREAGE 2/		YIELD PER ACRE			PRODUCTION			
	10-Year: Avg 4/ 1938-47	1948	1949	10-Year: Avg 4/ 1938-47	1948	1949	10-Year: Avg 4/ 1938-47	1948	1949
	Acres			Crates 5/			Thousand Crates 5/		
Winter:									
Florida	4780	4200	4000	71	45	55	346	189	220
Early Spring:									
Louisiana	18550	19000	21000	56	43	27	6/1043	817	567
Alabama	2690	2300	2100	78	70	55	211	154	116
Texas	1200	1100	1000	54	45	55	68	63	55
Calif. So Dist	1430	1250	1400	150	250	195	223	312	273
GROUP TOTAL	23880	23850	25500	63.4	56.4	39.6	1550	1346	1011
Mid-Spring:									
Mississippi	160			66			11		
Georgia	80			65			6		
South Carolina	260	280	360	86	100	80	22	28	22
North Carolina	4110	2300	2500	83	85	70	6/361	196	175
Tennessee	9170	8500	6400	68	80	50	6/616	680	320
Arkansas	12710	10400	12000	58	45	41	6/780	468	528
Oklahoma	820	900	1500	65	77	85	58	69	128
Kansas	1210	1700	1870	44	45	65	53	76	132
Missouri	4530	4000	4400	52	55	65	236	220	286
Illinois	3470	3000	2700	52	70	50	187	210	155
Kentucky	5770	5000	4800	60	70	55	6/350	350	264
Virginia	5770	4300	4800	61	122	63	6/346	525	302
Maryland	4600	3000	2700	56	50	75	268	150	202
Delaware	1960	1050	900	51	45	70	105	47	63
Calif. other	2200	2900	2900	182	270	315	362	783	914
GROUP TOTAL	56840	47330	47830	65.2	80.3	72.4	3760	3802	3461
Late Springs:									
New Jersey	3290	3200	3200	54	75	75	179	240	240
Pennsylvania	2840	1900	1900	66	80	70	191	152	133
Ohio	3370	2000	1900	81	75	75	286	150	142
Indiana	2160	1900	2000	71	125	90	156	238	180
New York	3900	3500	3700	82	90	70	323	315	259
MICHIGAN	7590	9000	11300	88	100	75	671	900	848
Wisconsin	2040	2300	2300	83	80	75	169	184	172
Iowa	1040	840	900	56	36	65	57	30	58
Utah	990	800	900	62	60	80	62	48	72
Washington	5430	7000	8000	100	140	110	6/540	980	880
Oregon	9290	15000	14000	85	110	85	6/849	1650	6/1190
GROUP TOTAL	42530	47440	50100	81.0	103.0	83.3	3482	4887	4174
ALL STATES	128020	122820	127430	70.3	83.2	69.6	9138	10224	8866

1/ Total for fresh market and processing. 2/ Acreage for harvest, including any partially harvested or not harvested because of low prices or other economic factors. 3/ For group totals and for all States, averages of the annual totals, not the sum of the State or group averages. 4/ Equivalent 24 quart crates (approximately 36 pounds). 5/ Includes some quantities not harvested and excluded in computing value: Oregon, Late Spring, 30,000 crates in 1949.

**MATURITY AND HARVESTING: Michigan Crop**

The weather during the 1949 growing season again left much to be desired. Dry weather in August 1948 had thinned many beds but most growers ranged early season prospects fair to good providing weather was favorable during development. Some beds in Southern Michigan were blooming by May 1. On May 11 a heavy frost did severe damage to unprotected beds in Southern Michigan. During the period May 24 to 28 these unprotected beds were subjected to still further injury by frost. A considerable volume of bloom was killed and the crop further reduced.

Moisture problems also added to crop reduction. In late May and early June dry soil condition retarded development and growth of set. On June 7, in Central and Northern strawberry counties, frost inflicted additional damage to the crop. Yields in all sections were reduced considerably from early season estimates.

Peak day of the 1949 harvest season is indicated by the volume moving over the Benton Harbor Cash Market. On June 12, 1949 40,111 16-qt crates were checked through the Market gates. Peak day in 1948 was June 13 when 24,336 crates passed over the Market. The 1947 peak fell on June 2 when 38,601 16-qt crates were reported over the Market.

Quality of the 1949 Michigan strawberry crop was spotted. Some excellent quality berries reached the Market but on the whole the crop was below normal standards. Weather conditions were largely responsible. Rains during harvest time caused much damage and many berries were soft and water soaked. Stem-end rot was again a contributing factor. These factors did much to sharply re-

duce the quality, size and yield of marketable stock beyond early estimates.

**MARKETING THE CROP: Benton Harbor Cash Market**

The first strawberries of the 1949 crop were offered for sale on the Benton Harbor Cash Market on May 20. Volume was light for the next ten days. On June 2 volume became heavy and the season was under way.

Opening prices on the Benton Harbor Cash Market June 2 were generally 7.00-7.50 for the 16-qt crate. Prices reacted to increased volume and the market declined to levels of 4.00-5.00 June 12. Terminal market demand for berries in 1949 was good. That demand, however, was for good quality. With many berries not holding up in transit the result was an overall lowering of price. Another factor in the lower average returns in 1949 was the lower prices paid by processors. The 1948 pack of processed berries did not clean up according to expectations and prices paid for processing berries were correspondingly lower.

A surprising point in the 1949 strawberry marketing season was that, in spite of a lower season average price, strawberries showed the highest return to growers of all items passing over the Market. Apples and peaches, perennial leaders fell far short of the \$1,611,964.54 total posted by strawberries. 1949 was the first season in Benton Harbor Cash Market history that a small fruit led in total cash return to growers.

In the tabulation below are daily price ranges of sales on the Benton Harbor Cash Market of both Premier and Robinson varieties. The wide variation in quality and condition of offerings is reflected in the wide price ranges. In many cases prices for berries, which did not meet quality requirements of fresh market buyers were under the ranges quoted. Prices appearing in this tabulation represent the bulk of sales for strawberries of generally good merchantable quality and condition.

VARIETIES				VARIETIES			
DATE	Premiers	Robinsons	16-qt crates	DATE	Premiers	Robinsons	16-qt crates
June 1	\$ 5.00-8.00			June 16	\$ 3.50-6.40		3.50-6.40
2	5.25-8.35			17	4.75-5.45		3.50-6.65
3	4.50-7.85			18	Sat		
4	Sat			19	4.10-4.50		3.50-6.00
5	3.00-6.15		3.00-6.15	20	3.85-4.25		3.00-5.25
6	3.50-5.50		3.50-5.50	21			2.50-5.60
7	3.00-6.25		3.00-6.25	22	3.50-7.00		
8	5.00-6.30		4.50-6.75	23			4.00-7.15
9	4.85-7.25		4.85-7.25	24			4.00-6.50
10	3.00-6.10		3.00-6.10	25	Sat		
11	Sat			26			4.00-7.00
12	3.00-5.00		3.00-5.25	27			4.00-7.00
13	3.00-4.50		3.75-5.30	28			4.00-6.50
14	3.75-4.50		3.00-5.25	29			4.00-6.00
15	3.00-6.25		3.00-6.25				

The table below shows the seasonal package volume with carlot equivalents together with weighted average, season price per package and total season value with comparisons for the past ten years. This includes on strawberries passing over the Benton Harbor Cash Market. Carlot equivalents are tabulated on the basis of 560 16-qt crates per car

BENTON HARBOR CASH MARKET				
SEASON	Total No Packages	Carlot Equivalent	Weighted Average for Season	Total Season Value
1949	382,271	683	\$ 4.74	\$ 1,811,965
1948	265,082	473	5.52	1,463,252
1947	362,611	648	5.20	1,887,577
1946	136,283	243	7.14	973,060
1945	40,431	73	5.76	232,882
1944	49,503	88	5.00	247,515
1943	194,631	348	4.40	855,276
1942	303,567	542	2.16	655,704
1941	305,867	546	1.73	529,149
1940	500,986	895	1.20	601,183
10-year Averages	254,123	454	4.29	925,756

**DISPOSITION OF THE CROP: Truck**

The entire Michigan fresh strawberry crop moves by truck. During the shipping season refrigerator trucks were adequate for the demand. No transportation problems were reported.

The following tabulations indicates the daily carlot equivalent movement of strawberries over the Benton Harbor Cash Market as compared to the 1948 and 1947 seasons. Carlot equivalents are tabulated on the basis of 560 16-qt crates per car.

DAILY TRUCK MOVEMENT OVER BENTON HARBOR CASH MARKET								
DATE	1949 Season	1948 Season	1947 Season	DATE	1949 Season	1948 Season	1947 Season	
June 1	10	2	-	June 25	Sat	14	58	
2	10	2	-	26	6	Sat	36	
3	19	2	-	27	6	18	63	
4	Sat	7	-	28	2	14	Sat	
5	40	Sat	-	29	1	5	64	
6	21	8	-	30	-	6	52	
7	32	13	Sat	July 1	-	5	23	
8	40	8	-	2	Sat	2	31	
9	42	11	-	3	Hol	Sat	Hol	
10	44	16	-	4	-	6	40	
11	Sat	22	-	5	-	1	Sat	
12	72	Sat	-	6	-	-	15	
13	52	43	1	7	-	1	22	
14	46	32	Sat	8	-	-	9	
15	21	27	3	9	Sat	1	4	
16	40	26	3	10	-	Sat	7	
17	33	29	3	11	-	1	3	
18	Sat	28	10	12	-	-	Sat	
19	58	Sat	8	13	-	1	2	
20	31	31	26	14	-	-	1	
21	27	11	Sat	15	-	-	-	
22	11	36	69	16	-	-	1	
23	11	18	49					
24	8	26	45					

**DISPOSITION OF THE CROP: Processors**

One of the most important outlets for Michigan strawberries are processors. In 1949, however, their purchases were more limited due to a large holdover of the 1948 pack which was a high priced year. As a result the reduced crop and curtailed processing forced a larger volume into fresh channels. No figures are available but reports indicate that a rather heavy volume of berries passing over the Benton Harbor Cash Market were purchased for out-of-State processors.

In recent years, field capping of processor berries has become an almost general thing. In 1949 only about 5 percent of the total of berries purchased by processors was not field capped.

About 65 percent of processor stock was field capped in 1948.

In the tabulation below assembled with the cooperation of the Michigan Crop Reporting Service, the volume of both capped and uncapped berries moving to processors is shown with approximate season average prices paid to growers. Carlot equivalents are tabulated on the basis of 560 16-qt crates per car.

MOVEMENT OF MICHIGAN STRAWBERRIES TO PROCESSORS						
Method of Movement	1949			1948		
	Pounds	Price	Value	Pounds	Price	Value
Processors:						
Field capped	1,626,430	\$ .180	\$293,117.40	4,808,830	\$ .244	\$1,173,354.52
Uncapped	95,748	.130	12,447.24	646,800	.178	115,130.40

**DISPOSITION OF THE CROP: Disappearance**

In a final analysis of the disappearance of the Michigan strawberry crop the following tabulation is presented. While every effort is made to assure accuracy in the preparation of such a chart, too many factors beyond our control enter into the picture. However, the table below does present an indication of the volume of strawberries moving into the different channels of distribution.

DISSAPPEARANCE OF MICHIGAN STRAWBERRIES						
Method of Disappearance	Pounds	16-qt crates	Carlot	Price	Crates	Value
	Processor, all	1,626,430				
Field capped	162,843		140	\$ .180		\$ 293,117.40
Uncapped	95,748		13	.130		12,447.24
Benton Harbor Cash Market			382,270		\$ 4.74	1,811,964.54
Direct from farms, Coops., etc.			62,242		5.10	317,434.20
<b>TOTALS</b>	<b>1,626,430</b>	<b>444,512</b>	<b>947</b>			<b>2,454,963.38</b>

No complete and detailed figures are available for truck destinations of Michigan strawberries. The Market Master's office of the Benton Harbor Cash Market have furnished the following tabulations and it is included for those who wish to make further study of distribution of Michigan strawberries. 1949 truck shipments of Michigan strawberries moved to 71 cities in 11 States. As in past years the pattern of distribution was centered in Midwestern areas. Had more complete records been possible there is no doubt that a much wider area of distribution would have been shown.

**TRUCK DISTRIBUTION OF MICHIGAN STRAWBERRIES 1949 SEASON**

STATE AND CITY	CARS	STATE AND CITY	CARS	STATE AND CITY	CARS
<b>ILLINOIS</b>		<b>KENTUCKY</b>		<b>OHIO - Cont'd.</b>	
Bloomington	1	Lexington	1	L C L Lots	6
Champaign	1	Louisville	2	TOTAL	36
Chicago	31	L C L Lots	1		
Danville	2	TOTAL	4	<b>PENNSYLVANIA</b>	
Decatur	2			Harrisburg	1
Dixon	1	<b>MICHIGAN</b>		Philadelphia	1
Galesburg	1	Battle Creek	3	Pittsburgh	4
Hoopeston	2	Benton Harbor	1	Wilkes Barre	2
Joliet	5	Cadillac	1	L C L Lots	1
Kankakee	1	Detroit	14	TOTAL	9
Mattoon	1	Flint	3		
Peoria	5	Grand Rapids	8	<b>TENNESSEE</b>	
Rock Island	3	Kalamazoo	4	Chattanooga	1
Springfield	2	Lansing	4	Nashville	1
Wheaton	1	Pontiac	1	TOTAL	2
L C L Lots	10	Saginaw	1		
TOTAL	69	St. Joseph	1	<b>WISCONSIN</b>	
		L C L Lots	15	Green Bay	3
		TOTAL	56	Milwaukee	5
<b>INDIANA</b>				Racine	1
Anderson	1	<b>MINNESOTA</b>		L C L Lots	2
Crawfordsville	1	Minneapolis	4	TOTAL	11
Elkhart	4	St. Paul	1		
Evansville	6	L C L Lots	1	<b>TOTALS BY STATES</b>	
Ft. Wayne	9	TOTAL	6	Illinois	69
Gary	6			Indiana	53
Hammond	3	<b>MISSOURI</b>		Iowa	5
Indianapolis	10	Kansas City	1	Kentucky	4
Kokomo	1	St. Louis	4	Michigan	56
Lafayette	1	L C L Lots	2	Minnesota	6
Michigan City	1	TOTAL	7	Missouri	7
Mishawaka	2			Ohio	36
Muncie	1	<b>OHIO</b>		Pennsylvania	9
South Bend	5	Akron	1	Tennessee	2
Terre Haute	1	Cavett	1	Wisconsin	11
Valparaiso	1	Colina	1	TOTAL	258
L C L Lots	1	Cincinnati	3		
TOTAL	53	Cleveland	7		
		Columbus	7		
<b>IOWA</b>		Dayton	1		
Burlington	1	Findlay	1		
Des Moines	2	Toledo	5		
Jefferson	1	Van Wert	1		
L C L Lots	1	Youngstown	2		
TOTAL	5				

Carlot equivalents tabulated on basis of 560 16-quart crates per car.

The following tabulation indicates prices of Michigan strawberries in the important terminal markets.

**JOBBER SALES ON MICHIGAN STRAWBERRIES IN IMPORTANT MARKETS**

Notes: Prices are for 16-quart crates. Ranges cover full range of quality and condition. Quotations for various varieties are included where such quotations fall within the range quoted on Premier and Robinsons.

DATE	CHICAGO		CINCINNATI		CLEVELAND	
	Premiers	Robinsons	Premiers	Robinsons	Premiers	Robinsons
June 1	\$ 4.50-7.50	\$	\$	\$	\$	\$
2	5.50-7.50					
3						
4			7.50-7.75			
5						
6	4.00-5.50		6.00-6.25	6.00-6.25	5.00-6.00	
7	4.00-6.50	4.00-6.50	5.75-7.00	5.75-7.00	4.50-5.00	
8	3.50-6.50	5.50-7.00	5.75-6.50	5.75-6.50		
9	4.00-6.50	5.50-7.50	6.25-6.75	6.25-6.75		

Continued on Page 4

		IMPORTANT MARKETS - CONT'D							
		CHICAGO		CINCINNATI		CLEVELAND			
DATE		Premiers	Robinsons	Premiers	Robinsons	Premiers	Robinsons		
		16-quart crates		16-quart crates		16-quart crates			
June 10	\$	4.50-5.50	5.50-7.00	6.00-7.00	6.00-7.00				
11									
12									
13		3.50-5.50	3.50-5.50	4.50-5.50	4.50-5.50	4.25-5.00	4.25-5.00		
14		3.00-5.00	3.00-5.00		3.00-5.25				
15		3.00-5.00	3.00-5.00	3.50-5.50	3.50-5.50				
16		4.25-7.00	4.25-7.00	5.00-6.00	5.00-6.00				
17		3.25-7.00	3.25-7.00	4.00-6.25	4.00-6.25				
18									
19									
20		3.00-6.00	3.00-6.00	3.00-6.00	3.00-6.00	4.00-7.00	4.00-7.00		
21		2.00-6.00	2.00-6.00		4.00-5.50	5.00-6.00	5.00-6.00		
22		3.00-6.00	3.00-6.00		4.00-6.00	3.50-6.00	3.50-6.00		
23		3.00-7.00	3.00-7.00		5.00-6.50				
24		4.50-7.75	4.50-7.75		5.00-7.00				
25									
26									
27		3.50-7.00	3.50-7.00						
28		2.00-5.50	2.00-5.50						
29		2.00-6.00	2.00-6.00						
30		5.00-7.00	5.00-7.00						
		DETROIT		MINNEAPOLIS		PITTSBURGH		ST. LOUIS	
DATE		Premiers	Robinsons	Premiers	Var	Var	Var	Var	Var
		16-quart crates		16-qt crts		16-qt crates		16-qt crates	
June 1	\$								
2		7.25-7.65							
3		7.00-8.00							
4									
5									
6		4.50-5.50	4.50-5.50	6.50-7.00					
7		5.75-6.00	5.75-6.00	5.25-6.50		5.25-5.50			
8		4.50-6.00	4.50-6.00	6.00-7.25		4.75-5.00		6.00-6.50	
9		5.50-6.25	5.50-6.25	6.00-7.25					
10		4.50-6.25	5.50-6.25	6.00-7.50					
11									
12									
13		4.50-4.75	4.50-4.75	3.00-6.50		5.00-5.25		4.00-6.00	
14		3.00-4.00	3.00-4.00	2.50-4.00		4.50-5.00		5.00-5.50	
15		4.00-6.50	4.00-7.65			4.00-4.50		4.50-5.50	
16								3.75-4.00	
17			5.25-5.75	6.00-6.25				5.00-7.25	
18									
19									
20			4.75			6.00-6.50		4.50-6.50	
21			3.50-4.50			4.00-5.00		3.50-6.50	
22		4.75-5.50	4.75-5.50					4.00-4.75	
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1943	194,631	348	4.40	855,276
1942	303,567	542	2.16	655,704
1941	305,867	546	1.73	529,149
1940	500,986	895	1.20	601,183
10-year Averages	254,123	454	4.29	925,756

**DISPOSITION OF THE CROP: Truck**

The entire Michigan fresh strawberry crop moves by truck. During the shipping season refrigerator trucks were adequate for the demand. No transportation problems were reported.

The following tabulations indicates the daily carlot equivalent movement of strawberries over the Benton Harbor Cash Market as compared to the 1948 and 1947 seasons. Carlot equivalents are tabulated on the basis of 560 16-qt crates per car.

DAILY TRUCK MOVEMENT OVER BENTON HARBOR CASH MARKET								
DATE	1949 Season	1948 Season	1947 Season	DATE	1949 Season	1948 Season	1947 Season	
June 1	10	2	-	June 25	Sat	14	58	
2	10	2	-	26	6	Sat	36	
3	19	2	-	27	6	18	63	
4	Sat	7	-	28	2	14	Sat	
5	40	Sat	-	29	1	5	64	
6	21	8	-	30	-	6	52	
7	32	13	Sat	July 1	-	5	23	
8	40	8	-	2	Sat	2	31	
9	42	11	-	3	Hol	Sat	Hol	
10	44	16	-	4	-	6	40	
11	Sat	22	-	5	-	1	Sat	
12	72	Sat	-	6	-	-	15	
13	52	43	1	7	-	1	22	
14	46	32	Sat	8	-	-	9	
15	21	27	3	9	Sat	1	4	
16	40	26	3	10	-	Sat	7	
17	33	29	3	11	-	1	3	
18	Sat	28	10	12	-	-	Sat	
19	58	Sat	8	13	-	1	2	
20	31	31	26	14	-	-	1	
21	27	11	Sat	15	-	-	-	
22	11	36	69	16	-	-	1	
23	11	18	49					
24	8	26	45					

**DISPOSITION OF THE CROP: Processors**

One of the most important outlets for Michigan strawberries are processors. In 1949, however, their purchases were more limited due to a large holdover of the 1948 pack which was a high priced year. As a result the reduced crop and curtailed processing forced a larger volume into fresh channels. No figures are available but reports indicate that a rather heavy volume of berries passing over the Benton Harbor Cash Market were purchased for out-of-State processors.

In recent years, field capping of processor berries has become an almost general thing. In 1949 only about 5 percent of the total of berries purchased by processors was not field capped.

About 65 percent of processor stock was field capped in 1948.

In the tabulation below assembled with the cooperation of the Michigan Crop Reporting Service, the volume of both capped and uncapped berries moving to processors is shown with approximate season average prices paid to growers. Carlot equivalents are tabulated on the basis of 560 16-qt crates per car.

MOVEMENT OF MICHIGAN STRAWBERRIES TO PROCESSORS

Method of Movement	1949			1948		
	Pounds	Price	Value	Pounds	Price	Value
Processors:						
Field capped	1,626,430	\$.180	\$293,117.40	4,808,830	\$.244	\$1,173,354.52
Uncapped	95,748	.130	12,447.24	646,800	.178	115,130.40

DISPOSITION OF THE CROP: Disappearance

In a final analysis of the disappearance of the Michigan strawberry crop the following tabulation is presented. While every effort is made to assure accuracy in the preparation of such a chart, too many factors beyond our control enter into the picture. However, the table below does present an indication of the volume of strawberries moving into the different channels of distribution.

DISSAPPEARANCE OF MICHIGAN STRAWBERRIES

Method of Disappearance	Pounds	16-qt crates	Carlot	Price	Crates	Value
Processor, all	1,626,430					
Field capped	162,843		140	\$.180		\$293,117.40
Uncapped	95,748		13	.130		12,447.24
Benton Harbor Cash Market			382,270		\$4.74	1,811,964.54
Direct from farms, Coops., etc.			62,242		5.10	317,434.20
TOTALS	1,626,430	444,512	947			2,454,963.38

No complete and detailed figures are available for truck destinations of Michigan strawberries. The Market Master's office of the Benton Harbor Cash Market have furnished the following tabulations and it is included for those who wish to make further study of distribution of Michigan strawberries. 1949 truck shipments of Michigan strawberries moved to 71 cities in 11 States. As in past years the pattern of distribution was centered in Midwestern areas. Had more complete records been possible there is no doubt that a much wider area of distribution would have been shown.

TRUCK DISTRIBUTION OF MICHIGAN STRAWBERRIES 1949 SEASON

STATE AND CITY	CARS	STATE AND CITY	CARS	STATE AND CITY	CARS
ILLINOIS		KENTUCKY		OHIO - Cont'd.	
Bloomington	1	Lexington	1	L C L Lots	6
Champaign	1	Louisville	2	TOTAL	36
Chicago	31	L C L Lots	1	PENNSYLVANIA	
Danville	2	TOTAL	4	Harrisburg	1
Decatur	2	MICHIGAN		Philadelphia	1
Dixon	1	Battle Creek	3	Pittsburgh	4
Galesburg	1	Benton Harbor	1	Wilkes Barre	2
Hoopeston	2	Cadillac	1	L C L Lots	1
Joliet	5	Detroit	14	TOTAL	9
Kankakee	1	Flint	3	TENNESSEE	
Mattoon	1	Grand Rapids	8	Chattanooga	1
Peoria	5	Kalamazoo	4	Nashville	1
Rock Island	3	Lansing	4	TOTAL	2
Springfield	2	Pontiac	1	WISCONSIN	
Wheaton	1	Saginaw	1	Green Bay	3
L C L Lots	10	St. Joseph	1	Milwaukee	5
TOTAL	69	L C L Lots	15	Racine	1
INDIANA		TOTAL	56	L C L Lots	2
Anderson	1	MINNESOTA		TOTAL	11
Crawfordsville	1	Minneapolis	4	TOTALS BY STATES	
Elkhart	4	St. Paul	1	Illinois	69
Evansville	6	L C L Lots	1	Indiana	53
Ft. Wayne	9	TOTAL	6	Iowa	5
Gary	6	MISSOURI		Kentucky	4
Hammond	3	Kansas City	1	Michigan	56
Indianapolis	10	St. Louis	4	Minnesota	6
Kokomo	1	L C L Lots	2	Missouri	7
Lafayette	1	TOTAL	7	Ohio	36
Michigan City	1	OHIO		Pennsylvania	9
Mishawaka	2	Akron	1	Tennessee	2
Muncie	1	Cavett	1	Wisconsin	11
South Bend	5	Colina	1	TOTAL	258
Terre Haute	1	Cincinnati	3		
Valparaiso	1	Cleveland	7		
L C L Lots	1	Columbus	7		
TOTAL	53	Dayton	1		
IOWA		Findlay	1		
Burlington	1	Toledo	5		
Des Moines	2	Van Wert	1		
Jefferson	1	Youngstown	2		
L C L Lots	1				
TOTAL	5				

Carlot equivalents tabulated on basis of 560 16-quart crates per car.

The following tabulation indicates prices of Michigan strawberries in the important terminal markets.

JOBBER SALES ON MICHIGAN STRAWBERRIES IN IMPORTANT MARKETS

Notes: Prices are for 16-quart crates. Ranges cover full range of quality and condition. Quotations for various varieties are included where such quotations fall within the range quoted on Premier and Robinsons.

DATE	CHICAGO		CINCINNATI		CLEVELAND	
	Premiers	Robinsons	Premiers	Robinsons	Premiers	Robinsons
June 1	\$4.50-7.50					
2	5.50-7.50					
3						
4			7.50-7.75			
5						
6	4.00-5.50		6.00-6.25	6.00-6.25	5.00-6.00	
7	4.00-6.50	4.00-6.50	5.75-7.00	5.75-7.00	4.50-5.00	
8	3.50-6.50	5.50-7.00	5.75-6.50	5.75-6.50		
9	4.00-6.50	5.50-7.50	6.25-6.75	6.25-6.75		

Continued on Page 4

		IMPORTANT MARKETS - CONT'D							
		CHICAGO		CINCINNATI		CLEVELAND			
DATE		Premiers	Robinsons	Premiers	Robinsons	Premiers	Robinsons		
		16-quart crates		16-quart crates		16-quart crates			
June 10	\$	4.50-5.50	5.50-7.00	6.00-7.00	6.00-7.00				
11									
12									
13		3.50-5.50	3.50-5.50	4.50-5.50	4.50-5.50	4.25-5.00	4.25-5.00		
14		3.00-5.00	3.00-5.00		3.00-5.25				
15		3.00-5.00	3.00-5.00	3.50-5.50	3.50-5.50				
16		4.25-7.00	4.25-7.00	5.00-6.00	5.00-6.00				
17		3.25-7.00	3.25-7.00	4.00-6.25	4.00-6.25				
18									
19									
20		3.00-6.00	3.00-6.00	3.00-6.00	3.00-6.00	4.00-7.00	4.00-7.00		
21		2.00-6.00	2.00-6.00		4.00-5.50	5.00-6.00	5.00-6.00		
22		3.00-6.00	3.00-6.00		4.00-6.00	3.50-6.00	3.50-6.00		
23		3.00-7.00	3.00-7.00		5.00-6.50				
24		4.50-7.75	4.50-7.75		5.00-7.00				
25									
26									
27		3.50-7.00	3.50-7.00						
28		2.00-5.50	2.00-5.50						
29		2.00-6.00	2.00-6.00						
30		5.00-7.00	5.00-7.00						
		DETROIT		MINNEAPOLIS		PITTSBURGH		ST. LOUIS	
DATE		Premiers	Robinsons	Premiers	Var	Var	Var	Var	Var
		16-quart crates		16-qt crts		16-qt crates		16-qt crates	
June 1	\$								
2		7.25-7.65							
3		7.00-8.00							
4									
5									
6		4.50-5.50	4.50-5.50	6.50-7.00					
7		5.75-6.00	5.75-6.00	5.25-6.50	5.25-5.50				
8		4.50-6.00	4.50-6.00	6.00-7.25	4.75-5.00			6.00-6.50	
9		5.50-6.25	5.50-6.25	6.00-7.25					
10		4.50-6.25	5.50-6.25	6.00-7.50					
11									
12									
13		4.50-4.75	4.50-4.75	3.00-6.50	5.00-5.25			4.00-6.00	
14		3.00-4.00	3.00-4.00	2.50-4.00	4.50-5.00			5.00-5.50	
15		4.00-6.50	4.00-7.65		4.00-4.50			4.50-5.50	
16								3.75-4.00	
17			5.25-5.75	6.00-6.25				5.00-7.25	
18									
19									
20			4.75		6.00-6.50			4.50-6.50	
21			3.50-4.50		4.00-5.00			3.50-6.50	
22		4.75-5.50	4.75-5.50					4.00-4.75	
23			5.00-5.50						
24			6.00		6.50-7.00				
25									
26									
27					4.00-5.50				
28									
29									
30								4.50-5.00	

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