

MARKETING MICHIGAN BERRIES

Including Processing Data

Asparagus

Blueberries

Cane Berries

Red Tart Cherries

Strawberries

1976 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 annual summary reflects the marketing activities of Michigan grown strawberries, blueberries, red tart cherries, asparagus, and various cane berries. In this report both fresh and processed markets are discussed. The Michigan Department of Agriculture, Marketing Division, cooperating with the U.S. Department of Agriculture, Agriculture Marketing Service made this report possible.

Information contained in this summary was obtained from printed reports issued by the Federal-State Market News offices at Benton Harbor, Michigan, Rochester, New York, New Jersey, and Maine Departments of Agriculture; Bureau of Statistics Agriculture Canada Ottawa Ontario; Market managers at the Benton Harbor Fruit Market, and Alpena Marketing Association, also Transportation Section of the Fruit and Vegetable branch.

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

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

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STRAWBERRIES
1976 CROP

PLANTED ACREAGE: The total Michigan strawberry planted acreage decreased slightly in 1976, as did the total United States acreage. The estimated amount of utilized acreage for strawberry production was 3,000 acres in 1976, compared with 3,100 acres in 1975. The slight decline was attributed to some abandoned older fields, and lack of interest by some growers because of higher input production and labor cost at harvest time.

PRODUCTION: The 1976 national strawberry crop was estimated by the U.S. Department of Agriculture, Statistical Reporting Service at 5.7 million hundred weight. In 1975 5.4 million hundred weight was produced in the United States. California production increased by 396,000 hundred weight in 1976, while other states were mostly unchanged or slightly less. The Michigan production was 1.7 million hundred weight in 1976, compared with 1.6 million hundred weight in 1975. Although acreage decreased, production increased slightly. Michigan yields per acre were 6,000 pounds in 1976 and 5,500 pounds in 1975.

GROWING CONDITIONS: The 1976 early spring weather conditions were very adverse. Unseasonably warm temperatures occurred in March causing premature fruit bud development. In early and middle April, temperatures ranged from the low to middle twenties. The low temperatures caused severe plant loss in some unirrigated fields. Irrigation was needed many nights ^{to} prevent freezing of early blossoms. Because of the early bloom some growers were unable to straw their fields.

HARVEST: Strawberry harvest began in early June after some cool weather delay in late May. Peak volume took place from June 13-19th, and a total of 233 carlot equivalents were shipped from Southwestern Michigan that week. In Northeastern Michigan, harvest in the Alpena section began the week of June 20th.

FRESH MARKET MOVEMENT: Southwestern Michigan: Strawberry shipments began on June 6th. Supplies moving direct from the packing house level totaled 300 carlot equivalents in 1976, and 306 in 1975. The peak volume period occurred between June 13-19th. A total of 135 carlot equivalents were shipped that week.

Benton Harbor Fruit Market: Carlot equivalents totaled 246 in 1976, compared with 254 in 1975. The peak volume period at the market was from June 13-19th. During that time 98 carlot equivalents were sold at the market. In 1975 a total of 139 carlots were sold at the market during the peak period. Northeastern Michigan: receipts at the Alpena auction totaled 64 carlot equivalents in 1976, compared with 44 carlots in 1975. Processing tonnage was up slightly in 1976. The Southwestern Michigan processors received 1,932,000 pounds in 1976, and only 995,481 pounds in 1975. Northwestern Michigan processors received 5,449,000 pounds in 1976, and 5,685,000 pounds in 1975.

MARKETING: Benton Harbor Fruit Market total cash returns for strawberries sold at the market was \$1,118,000 dollars in 1976, compared with \$1,253,000 in 1975. The first market report was released on Monday, June 7, 1976. The Federal-State Market News Service issued printed reports covering prices paid to growers and volume received at the market. Demand exceeded supplies in early June and ranged from good to very good there after. Prices for generally good quality and condition ranged from \$7.00 to \$13.00 during the marketing season. The average price per 16 quart crate equivalent was \$8.64 in 1976, and \$8.25 in 1975. Southwestern Michigan F.O.B. - dollar value of this volume was \$1,361,000 in 1976, and 1,324,000 in 1975. The first market report covering this information was released on Wednesday, June 9, 1976. The prices for 16 quart crates ranged from \$7.00 to \$11.50 mostly \$8.50-\$9.00. Alpena Michigan - strawberry prices were reported from June 22nd until July 8th. The opening auction prices for 16 quart crate equivalents were mostly \$8.25 and increased steadily until reaching \$11.25 on July 3rd. Most of the auction volume sold between \$9.00-\$9.25 per crate. Processing - prices paid to growers were higher in 1976 at 31 cents for frozen stock and 17-20 cents per pound for juice stock. In 1975 growers received mostly 24 cents for frozen stock and mostly 8-10 cents per pound for juice stock. The higher 1976 prices reflected the sharp decline of imported Mexican frozen strawberries into the United States during the 1976 marketing season.

STRAWBERRIES
1976 CROP

PACKAGE: The principal containers for fresh market use were 16 quart crates and 8 quart cartons. The 8 quart carton seems to be a favorite of some growers and shippers selling direct to wholesale terminal markets outlets. This package arrived in good condition and had a certain eye appeal. The processing industry used mostly 30 pound tins.

41 CITIES: Nine cities reported 88 Michigan strawberry unloads in 1976. In 1975, 10 cities reported 137 unloads. The leading receivers of Michigan berries in 1976 were Detroit 46, Pittsburgh 15, Cleveland 9, and Chicago 8 carlot equivalents each. The carlot conversion factor for Michigan strawberry truck shipments is 525, 16 quart crates per one carlot equivalents.

1976 MICHIGAN FRESH MARKET STRAWBERRY MOVEMENT
16 Quart Crate Equivalents*

DATE		BENTON HARBOR FRUIT MARKET	SOUTHWEST POINTS	ALPENA DISTRICT
May	31	75		
June	1	65		
	2	131		
	3	130		
	4	1,037		
	5	1,408		
	6	1,407		
	7	3,588	6,300	
	8	5,003	7,875	
	9	7,062	9,450	
	10	8,586	11,025	
	11	10,441	10,500	
	12	4,922	11,025	
	13	7,082	5,775	
	14	12,333	11,025	
	15	10,810	15,225	
	16	9,183	8,400	
	17	9,845	15,225	
	18	8,470	14,175	
	19	3,648	1,050	
	20	3,648	5,775	
	21	6,409	8,400	
	22	4,002	3,675	7,350
	23	2,721	3,675	2,078
	24	2,039	2,100	2,625
	25	2,078	2,100	2,078
	26	-	1,050	1,050
	27	1,242	525	3,150
	28	645	1,575	2,078
	29	527	525	2,078
	30	340	525	-
July	1	255	525	2,625
	2	170		1,575
	3	-		3,150
	4	-		-
	5	48		1,575
	6			1,050
	7			525
	8			525
TOTALS		129,350	157,500	33,512
GRAND TOTAL			320,362	

(*) In the table above, all 8 quart flats and 12 pint flats have been converted to 16 quart crate equivalents.

MOVEMENT BY DISTRICT IN CARLOT EQUIVALENTS
(525 - 16 Quart Crates equals 1 carlot equivalent)

	1976	1975	1974	1973	1972
BENTON HARBOR FRUIT MARKET	246	254	402	282	488
FOB PACKING HOUSE	300	306	185	158	250
TOTAL SOUTHWEST MICHIGAN	546	560	587	440	738
TOTAL NORTHEAST MICHIGAN	64	44	46	47	71
TOTAL MICHIGAN	610	604	633	487	809

STRAWBERRY MOVEMENT AND WEIGHTED AVERAGE PRICE PER 16 QUART CRATE BASIS AND TOTAL VALUE 1966-1976

BENTON HARBOR FRUIT MARKET

YEAR	NUMBER OF PACKAGES SEASON TOTALS	CARLOT EQUIVALENTS SEASON TOTALS	SEASON PRICE	CASH RETURNS SEASON TOTALS
1966	392,045	653	\$5.13	\$2,011,190
1967	413,835	690	5.11	2,114,969
1968	435,453	726	5.57	2,397,532
1969	486,590	811	5.77	2,807,381
1970	366,686	611	5.26	1,928,768
1971	325,253	542	5.08	1,162,284
1972	292,893	588	6.03	1,768,321
1973	169,304	282	7.99	1,352,738
1974	210,751	402	7.68	1,618,567
1975	152,047	254	8.24	1,252,867
10-YEAR AVERAGE	324,486	556	6.19	1,841,462

1976	129,350	246	8.64	1,117,584
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SOUTHWEST MICHIGAN PACKING HOUSE MOVEMENT

YEAR	16 QUART CRATES	CARLOT EQUIVALENTS
1966	103,300	172
1967	185,627	309
1968	142,437	237
1969	119,239	199
1970	102,324	171
1971	134,952	225
1972	150,000	250
1973	94,800	158
1974	97,125	185
1975	160,650	306
10-YEAR AVERAGE	129,045	221

1976	157,500	300
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ALPENA MICHIGAN MARKETING ASSOCIATION MOVEMENT

YEAR	16 QUART CRATES	CARLOT EQUIVALENTS
1966	32,196	55
1967	29,600	39
1968	35,350	59
1969	47,780	80
1970	38,073	63
1971	64,887	108
1972	42,841	71
1973	28,200	47
1974	24,150	46
1975	25,800	44
10-YEAR AVERAGE	36,888	61

1976	33,512	64
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DAILY PRICE RANGE OF MICHIGAN STRAWBERRIES

Daily Prices Paid to Growers for 16 Quart Crates and 8 Quart Flats
Various Varieties Mostly Midways and Guardians

BENTON HARBOR FRUIT MARKET

DATE	16 Quart Crates		8 Quart Flats	
	Range	Mostly	Range	Mostly
June 7	9.00-10.25	9.50-10.00	5.50-6.00	5.50-5.75
8	9.00-10.50	10.00-10.50	6.25-6.50	-
9	9.00-10.00	9.00-9.50	6.00-7.00	6.00-6.25
10	9.00-10.50	9.00-9.50	5.00-7.00	5.00
11	8.00-9.50	8.25-8.50	4.50-5.35	5.00
14	7.00-8.00	7.00-7.50	3.75-4.00	4.00
15	7.75-8.25	8.00-8.25	4.00-4.25	-
16	8.50-9.50	9.00-9.50	4.50-5.00	4.50
17	8.50-9.50	9.00-9.50	4.25-4.50	-
18	8.75-9.75	9.00-9.50	4.50-5.00	4.75-5.00
21	8.75-9.25	9.00-9.25	4.00-5.00	4.50-4.75
22	8.00-8.50	8.00	4.00-4.30	-
23	8.50-9.00	-	5.50-5.60	-
24	9.50-10.00	-	4.50	-
25	9.00-9.60	-	5.50-6.00	-
26	10.00-10.65	-	4.50	-
28	11.25	-	-	-
29	11.25-11.55	-	4.50	-
July 1	12.00-12.60	-	5.55	-
2	13.00	-	6.00	-

SOUTHWEST MICHIGAN POINTS FOB

DATE	16 Quart Crates		8 Quart Flats	
	Med-Lge	Sm1-Med	Med-Lge	Sm1-Med
June 9	11.00-11.50	10.50-10.75	6.00-6.50	5.25-5.50
10	10.00-10.50	9.00-9.50	5.50-6.00	5.00-5.25
11	10.00-10.50	9.00-9.50	5.50-6.00	5.00-5.25
14	9.00-9.50	8.00-8.50	5.50-5.75	4.75-5.00
15	8.00-8.50	7.00-7.50	4.00-4.50	3.50-3.75
16	8.00-8.50	7.00-7.50	4.00-4.50	3.50-3.75
17	9.00-9.50	8.00-8.50	4.50-5.25	4.00-4.25
18	9.00-9.50	8.00-8.50	4.50-4.75	4.00-4.25
21	9.00-9.50	8.00-8.50	4.50-5.00	4.00-4.25
22	8.50	7.50	4.25-4.50	3.75-4.00
23	8.25-8.50	-	4.25-4.50	-

ALPENA MICHIGAN MARKETING ASSOCIATION

DATE	16 Quart Crates	8 Quart Flats
June 22	8.25-9.00	4.40-4.50
23	8.50-9.50	4.40-4.50
24	9.00-10.00	4.75-5.25
25	8.50-9.25	4.40-4.60
28	8.75-9.25	4.50-4.65
29	9.00-9.50	4.75-4.90
July 2	8.75-9.25	4.50-4.60
3	9.75-11.25	4.90-6.20
6	8.75-9.25	4.50-4.75
7	-	4.85-5.25
8	-	5.50-6.00

1976 DAILY PRICE RANGE FOR SALES OF MICHIGAN STRAWBERRIES AT IMPORTANT WHOLESALE TERMINAL MARKETS

Price Range and Containers as Indicated for Various Varieties

CHICAGO

DATE	16 QUART CRATES	8 QUART FLATS
June 10	12.00-12.50	6.00
15	8.00	4.50-5.00
16	8.00	4.50-5.00
18	9.00	5.00
30		6.00

DETROIT

DATE	16 QUART CRATES	8 QUART FLATS
June 7	13.00-14.00	
9	11.50-12.00	7.25
10	12.00-12.50	
11	10.00-11.00	
15	9.00-9.50	5.00-5.50
16	9.00-9.50	5.00
21	10.00-10.50	
22	9.50-10.00	
23	9.50-10.00	
24	9.00-10.00	
25	6.00-7.00	

PITTSBURGH

DATE	16 QUART CRATES	8 QUART FLATS
June 9	13.00-14.00	
10	13.80	
11	14.00-14.50	7.20-7.50
14	11.00-11.50	6.00
15		5.50-6.00
16	10.00-10.50	5.50-6.00
21		5.50-6.00
22		4.50
23	9.50-10.50	5.25-5.50

STRAWBERRY MOVEMENT DATA OF THE BENTON HARBOR FRUIT MARKET AS INDICATED

YEAR	1ST RECEIPT	PEAK DAY	VOLUME PEAK DAY	DAYS TO PEAK	SEASON TOTAL DAYS	TOTAL CRATES FOR SEASON
1956	May 29	June 17	42,015	19	51	399,711
1957	May 27	June 13	57,076	18	43	633,884
1958	May 27	June 15	64,973	19	48	776,233
1959	May 25	June 7	40,576	13	47	496,631
1960	May 31	June 19	46,893	19	54	494,168
1961	June 8	June 25	42,780	26	29	497,345
1962	May 30	June 11	32,794	19	37	533,091
1963	May 27	June 16	45,304	21	43	556,709
1964	May 22	June 7	55,792	17	40	558,119
1965	May 24	June 13	44,173	21	49	519,120
1966	June 3	June 19	40,247	16	34	392,045
1967	June 6	June 18	40,517	12	37	413,835
1968	May 25	June 17	35,031	24	46	435,453
1969	May 28	June 19	40,334	22	41	486,590
1970	June 1	June 14	40,906	14	35	366,686
1971	June 6	June 17	31,637	11	34	325,253
1972	June 6	June 14	24,947	9	34	292,893
1973	June 5	June 18	16,495	13	30	169,304
1974	June 7	June 23	17,267	16	35	210,751
1975	June 9	June 17	13,760	8	26	152,047
1976	May 31	June 14	12,333	15	36	129,350

Benton Harbor Fruit Market information was furnished by the Market Manager.

STRAWBERRY UNLOADS

PRINCIPAL TERMINAL MARKETS HANDLING MICHIGAN STRAWBERRIES
UNLOADS ARE IN CARLOT EQUIVALENTS (RAIL, AIR, AND TRUCK COMBINED)

DATE 1976	CALIF.	CANADA	ILLINOIS	INDIANA	MICHIGAN	N.J.	N.Y.	OHIO	OTHER	TOTAL
<u>BUFFALO, N.Y.</u>										
June	13	3	-	-	2	-	7	-	-	25
July	8	-	-	-	-	-	-	-	-	8
TOTAL	21	3	-	-	2	-	7	-	-	33
<u>CHICAGO, ILL.</u>										
June	95	-	-	-	6	-	-	-	-	101
July	20	-	-	-	2	-	-	-	-	22
TOTAL	115	-	-	-	8	-	-	-	-	123
<u>CINCINNATI, OHIO</u>										
June	84	-	-	3	3	-	-	-	-	90
July	54	-	-	-	-	-	-	-	-	54
TOTAL	138	-	-	3	3	-	-	-	-	144
<u>CLEVELAND, OHIO</u>										
June	61	-	-	-	9	-	-	3	-	73
July	39	-	-	-	-	-	-	-	-	39
TOTAL	100	-	-	-	9	-	-	3	-	112
<u>DETROIT, MI.</u>										
June	75	1	-	-	41	-	-	-	-	117
July	48	-	-	-	5	-	-	-	-	53
TOTAL	123	1	-	-	46	-	-	-	-	170
<u>INDIANAPOLIS, IND.</u>										
June	41	-	-	-	3	-	-	-	-	44
July	18	-	-	-	-	-	-	-	-	18
TOTAL	59	-	-	-	3	-	-	-	-	62
<u>LOUISVILLE, KY.</u>										
June	30	-	-	1	1	-	-	-	-	32
July	15	-	-	-	-	-	-	-	-	15
TOTAL	45	-	-	1	1	-	-	-	-	47
<u>MILWAUKEE, WI.</u>										
June	10	-	-	-	1	-	-	-	-	11
July	7	-	-	-	-	-	-	-	-	7
TOTAL	17	-	-	-	1	-	-	-	-	18
<u>PITTSBURGH, PA.</u>										
June	37	1	-	-	15	2	-	-	1	56
July	11	-	-	-	-	-	-	-	-	11
TOTAL	48	1	-	-	15	2	-	-	1	67
GRAND TOTAL	666	5	-	4	88	2	7	3	1	776

SOURCE: Market News Branch, Transportation Section, U.S.D.A.

STRAWBERRIES FOR FRESH MARKET AND PROCESSING: PRODUCTION AND VALUE 1974-76

SEASON AND STATE	PRODUCTION			PER CWT.			VALUE		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	1,000 CWT.			DOLLARS			1,000 DOLLARS		
FRESH MARKET:									
WINTER:									
Florida	176	198	210	38.10	42.30	42.20	6,706	8,375	8,862
SPRING:									
Arkansas	28	45	50	38.30	36.00	35.00	1,072	1,620	1,750
California	3,827	3,800	4,212	27.30	29.50	32.20	104,456	112,237	135,809
Illinois <u>1/</u>	31	32		26.10	26.50		809	848	
Indiana <u>1/</u>	18	50		38.00	37.70		684	1,885	
Kentucky <u>1/</u>	13	24		31.80	37.20		413	893	
Louisiana	55	70	67	41.20	53.40	46.00	2,266	3,738	3,082
Maryland <u>1/</u>	16	18		29.80	36.80		477	662	
Massachusetts <u>1/</u>	14	17		46.20	40.00		647	680	
MICHIGAN	177	165	174	31.10	32.10	33.30	5,503	5,297	5,798
Missouri <u>1/</u>	16	24		27.40	33.30		438	799	
New Jersey	53	41	36	37.80	36.10	38.50	2,003	1,480	1,386
New York	44	41	46	41.20	40.50	40.00	1,812	1,659	1,842
North Carolina	56	48	44	32.50	42.40	46.00	1,820	2,035	2,024
Ohio	56	66	80	41.00	38.00	38.00	2,296	2,508	3,040
Oklahoma <u>1/</u>	10	25		36.00	37.50		360	938	
Oregon	410	415	478	25.50	23.00	28.50	10,475	9,533	13,622
Pennsylvania	43	48	48	51.90	51.30	53.60	2,232	2,462	2,573
Tennessee <u>1/</u>	16	13		38.30	37.40		613	486	
Virginia <u>1/</u>	8	10		20.90	34.30		167	343	
Washington	227	231	231	25.70	21.60	27.50	5,823	4,992	6,352
Wisconsin	38	39	35	44.40	40.40	42.00	1,687	1,576	1,470
TOTAL SPRING	5,156	5,222	5,501	28.30	30.00	32.50	146,053	156,671	178,748
U.S. TOTAL	5,332	5,420	5,711	28.60	30.50	32.90	152,759	165,046	187,610
PROCESSING:									
SPRING:									
California	1,051	1,091	1,401	18.30	18.70	22.90	19,233	20,402	32,083
MICHIGAN	53	55	74	24.50	24.10	29.70	1,299	1,326	2,198
Oregon	373	378	416	24.50	22.00	27.50	9,139	8,316	11,440
Washington	202	206	203	25.20	21.10	27.10	5,090	4,347	5,501
U.S. TOTAL	1,679	1,730	2,094	20.70	19.00	24.50	34,761	34,391	51,222

1/ Estimates discontinued in 1976.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables - Fresh Market 1976 Annual Summary.

STRAWBERRIES FRESH MARKET AND PROCESSING: AREA AND YIELD PER ACRE 1974-76

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES						HUNDRED WEIGHT		
WINTER:									
Florida	1,300	1,200	1,400	1,300	1,200	1,400	135	165	150
SPRING:									
Arkansas	1,200	1,100	1,100	1,200	1,100	1,100	23	41	45
California	8,900	10,000	10,800	8,900	10,000	10,800	430	380	390
Illinois <u>1/</u>	950	900		950	900		33	36	
Indiana <u>1/</u>	700	900		700	900		25	56	
Kentucky <u>1/</u>	600	600		500	600		26	40	
Louisiana	1,000	1,000	950	1,000	1,000	950	55	70	70
Maryland <u>1/</u>	640	640		570	580		28	31	
Massachusetts <u>1/</u>	280	290		280	290		51	59	
MICHIGAN	3,300	3,100	3,000	3,100	3,000	2,900	57	55	60
Missouri <u>1/</u>	600	600		480	540		33	35	
New Jersey	1,000	900	800	1,000	900	800	53	45	45
New York	1,000	1,000	1,500	1,000	1,000	1,400	44	41	33
North Carolina	2,100	2,200	2,200	2,000	2,100	2,100	28	23	21
Ohio	1,500	1,500	1,400	1,500	1,500	1,400	37	44	57
Oklahoma <u>1/</u>	650	600		630	600		16	42	
Oregon	8,100	6,200	5,300	7,200	6,100	5,200	57	68	92
Pennsylvania	1,300	1,300	1,400	1,300	1,300	1,400	33	37	34
Tennessee <u>1/</u>	730	670		730	670		22	20	
Virginia <u>1/</u>	450	450		400	400		20	25	
Washington	3,600	3,400	3,000	3,600	3,400	3,000	63	68	77
Wisconsin	1,300	1,500	1,500	1,300	1,400	1,400	29	28	25
TOTAL SPRING	39,900	38,850	32,950	38,340	38,280	32,450	134	136	170
U.S. TOTAL	41,200	40,050	34,350	39,640	39,480	33,850	135	137	169

1/ Estimates discontinued in 1976.

SOURCE: Crop Reporting Board, SRS, USDA.

Vegetables - Fresh Market 1976 Annual Summary.

STRAWBERRIES FOR PROCESSING 1976 CROP

DELIVERIES TO MICHIGAN PROCESSORS BY DISTRICT
FRESH FRUIT BASIS IN POUNDS
WEEKLY RECEIPTS

WEEK ENDING	SOUTHWEST DISTRICT	NORTHWEST DISTRICT	WEEKLY TOTAL	TOTAL TO DATE	PRICE PER POUND
Start of Ssn					
Thru June 19	770,163	807,462	1,577,625	1,577,625	30¢
June 26	803,201	2,169,876	2,973,077	4,550,702	30-31¢
July 3	345,258	1,671,936	2,017,194	6,567,896	30-33¢
10	13,449	800,549	813,998	7,381,894	30-31¢
TOTAL 1976	1,932,071	5,449,823	7,381,894		30-33¢ M30-31¢

SEASON TOTAL PAST TEN YEARS

YEAR	SOUTHWEST DISTRICT	NORTHWEST DISTRICT	TOTAL POUNDS	GROWERS PRICE
1975	995,481	4,689,751	5,685,232	23-24¢ M24¢
1974	1,700,655	3,950,148	5,650,803	24-26¢
1973	1,719,081	3,543,823	5,262,904	28-28½¢
1972	2,306,763	5,285,978	7,592,741	19-20¢
1971	2,415,722	7,112,337	9,528,059	16-16½¢ M16¢
1970	3,067,671	6,926,150	9,993,821	14½-16½¢
1969	4,912,236	8,349,762	13,261,998	19¢
1968	4,183,048	4,792,985	8,886,033	18-20¢ M18-18½¢
1967	4,514,681	6,217,446	10,732,127	14½-16½¢
1966	4,522,107	5,879,200	10,431,307	M16½¢

DELIVERY OF STRAWBERRIES TO CALIFORNIA FREEZERS ONLY, 1972-76 SEASONS: *FRESH FRUIT BASIS COMPILED FROM WEEKLY REPORTS FURNISHED BY ALL KNOWN FREEZERS. (SOURCE: COURTESY PROCESSING STRAWBERRY ADVISORY BOARD OF CALIFORNIA).

SEASON	POUNDS	GROWERS PRICE
1976	140,067,267	24.2
1975	109,137,000	19.0
1974	105,068,000	18.3
1973	93,276,000	18.9
1972	58,660,424	15.7

DELIVERY OF OREGON STRAWBERRIES TO OREGON PROCESSORS (ALL TYPES - FROZEN, JAMS, JELLIES, ETC.) 1972-76 SEASON. *FRESH FRUIT BASIS, COMPILED FROM WEEKLY REPORTS FURNISHED BY ALL KNOWN PROCESSORS. (SOURCE: FEDERAL-STATE MARKET NEWS SERVICE, YAKIMA, WASHINGTON).

SEASON	POUNDS	GROWERS PRICE
1976	39,781,094	26½-29½¢ M27¢
1975	37,857,108	Most ofs on advanced prices
1974	37,300,000	25½¢
1973	47,751,507	23-25¢ M23¢
1972	50,895,799	17.2¢

DELIVERY OF WASHINGTON STRAWBERRIES TO WASHINGTON PROCESSORS (ALL TYPES - FROZEN, JAMS, JELLIES, ETC.) 1972-76 SEASONS. *FRESH FRUIT BASIS, COMPILED WEEKLY FROM FIGURES FURNISHED BY ALL KNOWN PROCESSORS. (SOURCE: FEDERAL-STATE MARKET NEWS SERVICE, YAKIMA WASHINGTON.)

SEASON	POUNDS	GROWERS PRICE
1976	19,378,677	25-27¢
1975	20,362,272	Most ofs on advanced prices
1974	20,200,000	25.7
1973	15,793,995	25.0
1972	17,915,357	18.0

(*) Fresh Fruit Basis - Processed pack-out weight is greater than these figures, due to addition of sugar in processing.

UNITED STATES IMPORTS OF FRESH STRAWBERRIES FROM MEXICO BY MONTHS 1973-76 IN POUNDS

MONTH	1973	1974	1975	1976
January	6,495,274	6,982,390	6,888,962	2,869,000
February	10,123,653	10,204,190	5,343,495	3,087,000
March	11,655,945	14,599,728	10,847,119	6,298,000
April	3,098,378	3,575,666	2,310,663	361,000
May	13,176	50,488	-	9,000
June	-	58,454	-	-
July	-	-	27,362	9,000
August	-	-	211,787	-
September	-	-	-	1,000
October	204,674	45,442	5,174	2,000
November	1,085,898	961,947	791,347	1,819,000
December	4,940,573	6,632,769	4,338,894	5,029,000
TOTAL	37,617,571	43,111,074	30,764,803	19,484,000

UNITED STATES IMPORTS OF FROZEN STRAWBERRIES FROM MEXICO BY MONTHS 1973-76 IN POUNDS

MONTH	1973	1974	1975	1976
January	6,286,577	6,843,811	11,592,788	2,005,000
February	5,240,644	6,836,660	7,568,681	1,602,000
March	12,326,292	21,122,759	17,562,039	3,601,000
April	30,216,604	19,736,436	13,679,986	7,351,000
May	20,358,212	14,027,007	16,324,534	9,691,000
June	18,473,865	15,336,399	10,773,228	5,132,000
July	12,885,953	8,900,723	4,401,555	4,627,000
August	3,490,809	6,444,789	3,859,778	875,000
September	2,449,701	4,111,657	-	1,039,000
October	925,102	3,966,078	917,165	317,000
November	1,825,497	2,557,731	784,967	527,000
December	1,847,539	3,694,458	1,552,225	1,952,000
TOTAL	116,325,795	113,578,508	89,016,946	38,719,000

SOURCE: U.S. Department of Commerce, Washington, D.C.

CANADIAN IMPORTS OF FROZEN STRAWBERRIES FROM MEXICO BY MONTHS 1973-76, IN POUNDS

MONTH	1973	1974	1975	1976
January	653,480	737,090	947,570	728,084
February	1,109,440	1,761,900	1,804,760	738,093
March	1,329,870	2,117,750	1,520,490	670,829
April	3,543,126	3,642,845	1,642,172	2,082,863
May	2,769,666	3,972,438	821,696	2,529,738
June	2,098,134	2,506,010	201,900	2,918,770
July	1,605,206	1,146,180	1,300,375	925,306
August	1,108,128	685,470	1,187,725	656,944
September	374,580	637,620	1,631,381	234,400
October	901,290	599,290	1,874,201	197,200
November	809,050	315,000	736,110	Unavailable
December	428,480	578,440	532,771	Unavailable
TOTAL	16,730,450	18,700,033	14,061,151	11,682,227

SOURCE: U.S. Department of Commerce, Washington, D.C., & Dominion Bureau of Statistics, Ottawa, Ontario.

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN STRAWBERRIES
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972	135682	115523	104197	95173	93435	156796	168101	159112	143709	130441	119006	104427
1973	92242	71804	68352	75070	88623	178122	193747	176895	164877	148663	133540	122252
1974	109485	101578	102244	99858	136662	180121	208934	192672	191780	174493	158155	148386
1975	128807	113188	107272	98818	101951	166990	203506	185527	173570	155579	142816	124325
1976	103582	80061	58237	51256	78189	145838	166621	159234	141793	123636	108736	103938

SOURCE: Statistical Reporting Service, Agriculture Estimates Division, U.S. Department of Agriculture, Washington, D.C.

BLUEBERRIES
1976 CROP

19.

PLANTED ACREAGE: The U.S. Department of Agriculture, Crop Reporting Service estimated 8,500 acres were utilized to produce the 1976 Michigan blueberry crop. A total of 4,700 acres were located in the southwestern counties of Berrien, Allegan, and Van Buren. The west central counties of Muskegon and Ottawa accounted for 3,500 acres, and the remaining 300 acres were located in eastern Michigan.

PRODUCTION: Michigan blueberry production was 35,930,000 pounds in 1976, and 32,130,000 pounds in 1975. The average yield per acre was 4,227 pounds in 1976, and 3,780 pounds in 1975.

GROWING CONDITIONS: Freezing temperatures in late April caused moderate to heavy damage of some early varieties. Weather conditions during June were good and crop progress was favorable. In late July and August, however, rain was in short supply. The shortage of moisture prevented development of fruit size, and berries in some locations were smaller than desired at harvest time. Good fresh market and processor demand created higher prices. These attractive prices enabled growers to harvest bushes many times, increasing total production.

HARVEST: Light and scattered picking began for fresh market in early July. Supplies remained light to moderate during most of July because of the wide spread frost damage. In early August peak volume was reached. A total of 79 carlot equivalents were shipped to fresh market outlets the week ending August 7th. The heaviest movement to processors occurred the week ending August 14th. A total of 5,164,000 pounds were reported that week.

MARKETING: The 1976 crop quality was mostly good. Some early offerings showed the effects of frost damage, and were sold primarily at roadside markets and U-pick farms. Quality improved as the harvest period progressed, and distribution increased. The first truck shipments from Western and Central Michigan were reported July 7th.

FRESH MARKET - The first market news report was released Monday, July 6th covering prices paid to growers and supplies moving to fresh market. F.O.B. sales during July were mostly \$5.85 per 12 pint flat. In early August prices advanced as supplies decreased from New Jersey, and processor demand improved. August prices were mostly \$6.25 to \$6.50, and \$6.50-\$6.75 in early September. PROCESSING - A total of 23,934,000 pounds were delivered to processors in 1976, compared with 21,057,000 pounds in 1975. The average price paid to growers for cleaned fruit delivered processing plant or receiving station was up sharply at 40 cents per pound in 1976, compared to 28 cents per pound in 1975.

PACKAGE: The principal fresh market container was the 12 pint flat. The 10 pound container was used from July 23rd through August 30th, and 8 quart flats were used from July 28th through August 18th.

TRANSPORTATION: Refrigerated trucks carried most of Michigan's blueberries to fresh market, however, air shipments increased slightly to western cities and Europe.

41 CITIES: A total of 25 U.S. and 3 Canadian cities reported Michigan blueberry unloads in 1976. The leading receiver was Toronto, Canada with 75, followed by Detroit 60, Chicago and Cincinnati 49, and Minneapolis-St. Paul with 47 carlot equivalents. The total Michigan unloads in all cities was 362 carlot equivalents. The conversion factor is 1400, 12 pint flats per one carlot equivalent.

1976 MICHIGAN BLUEBERRY DAILY PRICE RANGE FOR WESTERN & CENTRAL POINTS

DAILY PRICES PAID TO GROWERS & SHIPPERS FOR 12 PINT FLATS, 10 LB. CARTONS, AND 8 QUART FLATS VARIOUS VARIETIES

DATE	12 PINT FLATS	10 LB. CARTONS	8 QUART FLATS
July 6	6.60		
7	6.60		
8	6.00		
9	5.75		
12	5.75-6.00		
15	5.75		
16	5.75-6.00		
19	6.00		
20	6.00		
21	5.75-6.00		
22	5.75-6.00		
23	5.75-6.00	5.40-5.50	
27	5.75-6.00	5.40-5.50	
28	5.75-6.00	5.40-5.50	6.25-6.35
29	5.75-6.00	5.40-5.50	6.25-6.35
30	5.75-6.00	5.40-5.50	6.25-6.35
31	5.75-6.00	5.40-5.50	6.25-6.50
August 2	6.00-6.25	5.40-5.50	6.50
3	6.00-6.25	5.40-5.50	6.50
4	6.00-6.25	5.40-5.50	6.50
5	6.00-6.25	5.40-5.50	6.50
6	6.25-6.50	5.40-5.50	
9	6.25-6.50	5.40-5.50	5.50-5.75
10	6.25-6.50	5.50	5.50-5.75
11	6.25-6.50	5.50	5.50-5.75
12	6.25-6.50	5.50	5.50-5.75
13	6.25-6.50	5.50	5.50-5.75
16	6.25-6.50	5.50	6.00-6.25
17	6.25-6.50	5.50	6.00-6.25
18	6.25-6.50	5.50	6.75
19	6.25-6.50	5.50	
20	6.25-6.50	5.50	
23	6.25-6.50	5.50	
24	6.25-6.50	5.50	
25	6.25-6.50	5.50-5.75	
26	6.25-6.50	5.50-5.75	
27	6.25-6.50	5.50-5.75	
30	6.50-6.75	5.75	
31	6.50-6.75		
Sept. 1	6.50-6.75		
2	6.50-6.75		

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN BLUEBERRIES

END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972	21779	18709	16127	12903	9580	7737	10905	28410	34751	32021	27273	23985
1973	21096	16937	14112	12173	8675	9565	15392	40566	52617	42764	37247	34510
1974	32026	29757	27482	25410	22407	20952	22542	45851	50332	45526	40541	36634
1975	33538	28606	25500	20575	16391	13646	15025	34623	35511	31484	30385	26277
1976	21398	17109	12377	9984	7670	6529	10553	31177	34952	31124	30529	27094

1976 WEEK ENDING P RANGE FOR SALES OF MICHIGAN BLUEBERRIES AT IMPORTANT WHOLESALE TERMINAL | TS

12 PINT FLATS

C H I C A G OMEDIUM

DATE	
July 9	6.60-7.20
16	6.00-7.20
23	6.00-6.60
30	6.00-7.50
Aug. 6	6.60-7.20
20	6.00-6.60
27	6.60-7.20

C I N C I N N A T IMEDIUM

DATE	
July 16	7.00
23	7.00-7.25
30	7.00
Aug. 6	7.50
13	7.75-8.00
27	7.50-7.75
Sept. 3	7.75

D E T R O I TMEDIUM

DATE	
July 16	6.40
23	6.40
30	6.40
Aug. 6	6.40
13	6.90-7.25
20	6.90-7.25
27	6.90
Sept. 3	7.15

S T. L O U I SMEDIUM

DATE	
July 23	6.50-6.75
30	6.50-6.75
Aug. 13	7.00-7.25
20	6.75-7.00
Sept. 3	7.50

A T L A N T AMEDIUM

DATE	
July 30	7.00-7.50
Aug. 6	7.00-7.50
27	8.00

IGAN BLUEBERRY FRESH MARKET TRUCK SHIPMENT
 REPORTED BY PRINCIPAL GROWERS AND SHIPPERS
 CARLOT CONVERSION FACTOR 1400 - 12 PINT FLATS

DATE	CARLOT EQUIVALENTS		CARLOT EQUIVALENTS	
	1976	1975	TOTAL TO DATE 1976	TOTAL TO DATE 1975
July 7	1		1	
8	1	9	2	9
9	3	6	5	15
10	1	5	6	20
11	1	3	7	23
12	6	3	13	26
13	7	1	20	27
14	8	-	28	27
15	8	5	36	32
16	9	7	45	39
17	3	8	48	47
18	1	5	49	52
19	10	1	59	53
20	8	1	67	54
21	11	15	78	69
22	11	19	89	88
23	11	21	100	109
24	3	14	103	123
25	3	17	106	140
26	18	6	124	146
27	4	5	128	151
28	12	20	140	171
29	9	22	149	193
30	14	18	163	211
31	3	19	166	230
August 1	2	4	168	234
2	16	13	184	247
3	18	4	202	251
4	16	19	218	270
5	9	14	227	284
6	14	32	241	316
7	4	31	245	347
8	3	34	248	381
9	12	11	260	392
10	16	-	276	392
11	17	23	293	415
12	8	24	301	439
13	14	23	315	462
14	2	16	317	478
15	2	15	319	493
16	10	3	329	496
17	15	1	344	497
18	11	14	355	511
19	11	18	366	529
20	8	14	374	543
21	3	3	377	546
22	1	-	378	546
23	4	-	382	546
24	6	2	388	548
25	5	4	393	552
26	3	7	396	559
27	2	6	398	565
28	-	6	398	571
29	1	1	399	572
30	1	-	400	572
31	1	-	401	572
Sept. 1	1	-	402	572
2	-	1	402	573
3	-	1	402	574
TOTALS	402	574	402	574

1976 BLUEBERRY UNLOADS

PRINCIPAL WHOLESALE TERMINAL MARKETS HANDLING MICHIGAN AND OTHER COMPETITIVE GROWING AREA BLUEBERRIES
UNLOADS ARE IN CARLOT EQUIVALENTS (RAIL AND TRUCK COMBINED)

DATE 1976	CANADA	MICHIGAN	NEW JERSEY	OHIO	OTHERS	TOTAL
<u>BOSTON, MASSACHUSETTS</u>						
July	-	2	65	-	4	71
August	4	4	2	-	8	18
September	2	-	-	-	1	3
TOTAL	6	6	67	-	13	92
<u>CHICAGO, ILLINOIS</u>						
July	-	26	7	-	-	33
August	-	20	-	-	-	20
September	-	3	-	-	-	3
TOTAL	-	49	7	-	-	56
<u>CINCINNATI, OHIO</u>						
July	-	26	7	-	-	33
August	-	20	-	-	-	20
September	-	3	-	-	-	3
TOTAL	-	49	7	-	-	56
<u>CLEVELAND, OHIO</u>						
July	-	1	9	1	-	11
August	-	9	-	-	-	9
September	-	1	-	-	-	1
TOTAL	-	11	9	1	-	21
<u>DETROIT, MICHIGAN</u>						
July	-	13	19	-	-	32
August	-	44	-	-	-	44
September	-	3	-	-	-	3
TOTAL	-	60	19	-	-	79
<u>MIAMI, FLORIDA</u>						
July	-	-	13	-	-	13
August	-	11	1	-	-	12
September	-	-	-	-	-	-
TOTAL	-	11	14	-	-	25
<u>MILWAUKEE, WISCONSIN</u>						
July	-	6	-	-	-	6
August	-	4	-	-	-	4
September	-	-	-	-	-	-
TOTAL	-	10	-	-	-	10
<u>MINNEAPOLIS-ST. PAUL, MINNESOTA</u>						
July	-	26	15	-	-	41
August	-	21	-	-	-	21
September	-	-	-	-	-	-
TOTAL	-	47	15	-	-	62
<u>ST. LOUIS, MISSOURI</u>						
July	-	3	3	-	-	6
August	-	4	-	-	-	4
September	-	-	-	-	-	-
TOTAL	-	7	3	-	-	10
<u>TORONTO, ONTARIO</u>						
July	-	27	38	-	-	65
August	-	37	3	-	-	40
September	-	11	-	-	-	11
TOTAL	-	75	41	-	-	116
TOTAL	7	362	182	1	13	527
OTHER CITIES	1	37	249	-	8	295
GRAND TOTAL	7	362	431	1	21	822

MICHIGAN BLUEBERRY RECEIPTS

WEEKLY RECEIPTS DELIVERED TO MICHIGAN PROCESSORS OR RECEIVING STATIONS
FRESH FRUIT BASIS PER POUND 1976 CROP

WEEK ENDING	FROZEN WEEKLY	TOTAL TO DATE FROZEN	CANNED WEEKLY	TOTAL TO DATE CANNED	TOTAL WEEKLY FROZEN & CANNED	TOTAL TO DATE FROZEN & CANNED	PRICE GROWERS
Start of Ssn Thru							
July 31	2,870,924	2,870,924	376,537	376,537	3,247,461	3,247,461	39-40¢ M40¢
Aug. 7	3,105,780	5,976,704	1,459,649	1,836,186	4,565,429	7,812,890	40-43¢ M40-41¢
14	3,866,341	9,843,045	1,298,505	3,134,691	5,164,846	12,977,736	40¢
21	3,239,028	13,082,073	1,520,587	4,655,278	4,759,615	17,737,351	40-44¢ M40¢
28	2,803,469	15,885,542	1,031,694	5,686,972	3,835,163	21,572,514	40-44¢ M40¢
Sept. 4	1,627,437	17,512,979	234,540	5,921,512	1,861,977	23,434,491	40-43¢ M40-41¢
11	500,000	18,012,979	-	5,921,512	500,000	23,934,491	41-43¢
TOTAL 1976		18,012,979		5,921,512		23,934,491	39-44¢ M40-41¢

PAST SEASONS TOTALS

YEAR	FROZEN	CANNED	COMBINED	AVERAGE PRICE
1975	17,664,934	2,910,656	20,575,590	24-29¢ M26¢
1974	16,031,873	5,025,219	21,057,092	24-28¢ M26¢
1973	28,659,370	4,957,459	33,616,829	M34¢
1972	8,946,559	2,877,352	11,823,911	M32¢
1971	16,997,534	4,188,501	21,186,095	M23¢

Information for this report was provided to us by 16 processors and 5 cold storage plants.

1976 MAINE BLUEBERRY PACK

THE TOTAL NUMBER OF POUNDS OF BLUEBERRIES
PROCESSED IN MAINE IN 1976 WAS 27,888,285

	5-YEAR AVG. 1972-1976	1972	1973	1974	1975	1976
Lbs. Produced in Maine	18,881,431	16,928,287	22,095,633	18,565,633	11,910,000	24,907,605
Lbs. Imported	3,867,832	3,542,703	4,659,560	3,263,096	4,898,124	2,980,680
TOTALS	22,749,263	20,470,990	26,755,193	21,828,729	16,808,124	27,888,285
Prices Per Lb. at Harvest	\$0.2497	\$0.222	\$0.268	\$0.185	\$0.265	\$0.31
Doz. #10s Canned	Too Few	21,129	35,381	5,161	5,874	Too few
Doz. #300s Canned	Cannerys reported	283,758	336,442	335,868	165,026	Cannerys re-
Doz. #2 Pie Filling	to publish figures	6,676	7,752	7,619	6,210	ported
Lbs. Berries Frozen	17,301,169	16,569,466	19,968,308	15,862,402	13,313,895	20,791,775

SOURCE: Maine Department of Agriculture.

NORTH CAROLINA BLUEBERRY PRODUCTION DOWN SHARPLY

An unusual late season freeze almost wiped out the 1976 blueberry crop in North Carolina. Production is estimated at 136,000 flats (12 pints or 11 pounds per flat) according to the Federal-State Crop and Livestock Reporting Service. This is only one-fifth of the 683,000 flats produced in 1975. Acreage harvested in 1976 is estimated at 3,400 acres compared with 3,900 last year. The yield per harvested acre this season averaged 40 flats compared with 175 flats in 1975.

Growers received an average of \$7.40 per flat for all sales this season. This compares with \$5.05 per flat in 1975. The total value of production at \$1,004,000 compares with \$3,449,000 last year. About 86 percent of the production was sold for fresh market. Fresh market berries averaged \$7.90 per flat compared with \$5.65 in 1975. Processing berries brought an average of \$4.18 per flat equivalent compared with \$2.70 last year.

ACRES HARVESTED, YIELD, PRODUCTION, PRICE AND VALUE 1972-76

YEAR	ACRES HARVESTED	FLATS PER ACRE	FLATS PRODUCED	AVERAGE PRICE TO GROWERS (ALL SALES)	VALUE ^{1/}
			THOUSANDS	DOLLARS	THOUSAND DOLLARS
1972	4,100	185	753	4.30	3,249
1973	4,200	160	668	4.25	2,836
1974	3,700	140	518	4.60	2,377
1975	3,900	175	683	5.05	3,449
1976	3,400	40	136	7.40	1,004

^{1/} Includes value of flats used in farm household, given away or disposed of in other ways.

BLUEBERRIES SOLD AND PRICES RECEIVED 1972-76

YEAR	FLATS PRODUCED	FRESH SALES		FLATS SOLD	PROCESSING SALES	
		FLATS SOLD ^{1/}	PRICE PER FLAT		AVERAGE PRICE TO GROWERS PER FLAT EQUIV. ^{2/}	PER POUND
			DOLLARS		DOLLARS	CENTS
1972	753,000	569,000	4.73	184,000	3.03	27.5
1973	668,000	466,000	4.75	202,000	3.08	28.0
1974	518,000	403,000	4.97	115,000	3.25	29.5
1975	683,000	544,000	5.65	139,000	2.70	24.5
1976	136,000	117,000	7.90	19,000	4.18	38.0

^{1/} Includes value of flats used in farm households, given away or disposed of in other ways.

^{2/} Processing sales converted to flats on basis of 11 pounds per 12 pint flat.

SOURCE: Federal-State Crop Reporting Service, Raleigh, North Carolina.

NEW JERSEY BLUEBERRY PRODUCTION NEAR RECORD

Garden State blueberry production was estimated at 2,349,000 trays (12 pints - 11 pounds) in 1976, according to the State Crop Reporting Service. This was up 15 percent from 1975 and almost equaled the record high crop of 2,400,000 in 1974. Acres harvested decreased to 7,600, down 100 from the previous year.

Berry set was heavy in most areas and the growing season ran 1 to 2 weeks ahead of normal. Harvest was just about complete when hurricane Belle hit the coastal counties. However, some growers received production losses as a result of early season adverse weather conditions.

Prices received by New Jersey growers for all sales averaged \$5.00 per tray. This was 75 cents above the 1975 average price and the highest price of record for the State. Fresh sales averaged \$5.40 per tray and processed berries averaged \$4.30 per tray equivalent.

ACREAGE HARVESTED, YIELD PER ACRE, PRODUCTION
PRICES AND VALUE OF NEW JERSEY BLUEBERRIES 1966-76

YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION	AVERAGE PRICE TO GROWERS (ALL SALES)	VALUE
	ACRES	12-PT TRAYS	THOUSAND TRAYS	DOLLARS	THOU. DOLL.
1966	8,300	280	2,324	3.25	7,553
1967	7,500	270	2,025 1/	3.15	5,229 1/
1968	7,600	245	1,862	2.95	5,493
1969	7,100	290	2,059	3.00	6,177
1970	7,300	215	1,570	3.40	5,338
1971	7,200	285	2,052	3.35	6,874
1972	7,200	260	1,872	3.95	7,394
1973	7,300	310	2,263	4.25	9,618
1974	7,500	320	2,400	3.90	9,360
1975	7,700	270	2,079	4.25	8,836
1976	7,600	315	2,394	5.00	11,970

1/ Production in 1967 includes 331,000 trays not harvested for economic reasons and 34,000 trays of excess cullage. These are not included in computation of value.

UTILIZATION OF NEW JERSEY BLUEBERRIES, 1966-76

YEAR	TOTAL PRODUCTION	FRESH SALES 1/ QUANTITY SOLD	AVERAGE PRICE	QUANTITY SOLD	BULK SALES AVERAGE	VALUE
	THOU. TRAYS	THOU. TRAYS	DOLLARS PER TRAY	THOU. TRAY EQUIVALENTS	DOLLARS PER TRAY EQUIVALENTS	CENTS PER POUND
1966	2,324	1,704	3.50	620	2.53	23.0
1967 2/	2,025	1,450	3.30	210	2.05	18.6
1968	1,862	1,542	3.10	320	2.15	19.5
1969	2,059	1,619	3.25	440	2.15	19.5
1970	1,570	1,370	3.55	200	2.30	21.0
1971	2,052	1,557	3.60	495	2.50	22.9
1972	1,872	1,082	4.30	790	3.50	32.0
1973	2,263	1,183	4.85	1,080	3.60	32.7
1974	2,400	1,510	4.40	890	3.00	27.3
1975	2,079	1,474	4.90	605	2.60	23.6
1976 3/	2,394	1,509	5.40	885	4.30	44.5

1/ Includes small quantities used in farm household and given away.

2/ Total production includes unharvested production and excess cullage not included in sales.

3/ Preliminary.

NEW JERSEY BLUEBERRY FRESH MARKET TRUCK SHIPMENTS
 REPORTED BY PRINCIPAL GROWERS & SHIPPERS
 CARLOT CONVERSION FACTOR 1400 - 12 PINT FLATS

DATE	1976	1975	TOTAL TO DATE 1976	TOTAL TO DATE 1975	DATE	1976	1975	TOTAL TO DATE 1976	TOTAL TO DATE 1975
June 13	4		4		July 16	6	3	635	489
14	6		10		17	14	17	649	506
15	9		19		18	15	18	664	524
16	12		31		19	12	15	676	539
17	8	1	39	1	20	15	20	691	559
18	9	1	48	2	21	18	18	709	577
19	19	2	67	4	22	15	12	724	589
20	14	11	81	15	23	4	1	728	590
21	13	15	94	30	24	4	10	732	600
22	25	20	119	50	25	11	12	743	612
23	20	19	139	69	26	12	13	755	625
24	16	11	155	80	27	11	12	766	637
25	10	8	165	88	28	11	10	777	647
26	16	21	181	109	29	7	8	784	655
27	20	18	201	127	30	1	-	785	655
28	20	24	221	151	31	2	2	787	657
29	23	28	244	179	Aug. 1	5	3	792	660
30	25	23	269	202	2	4	4	796	664
July 1	21	7	290	209	3	5	4	801	668
2	14	5	304	214	4	3	5	804	673
3	26	19	330	233	5	1	3	805	676
4	13	11	343	244	6	-	1	805	677
5	29	23	372	267	7	-	3	805	680
6	33	32	405	299	8	-	2	805	682
7	25	38	430	337	9	-	2	805	684
8	32	30	462	367	10	-	1	805	685
9	25	7	487	374	11	-	1	805	686
10	29	18	516	392	12	-	2	805	688
11	15	15	531	407					
12	26	14	557	421	TOTALS	805	688	805	688
13	31	17	588	438					
14	30	30	618	468	SOURCE:	Federal-State Market News, Bridgeton, N.J.			
15	11	18	629	486					

Continued on next column

CHERRIES
1976 CROP

PRODUCTION: Red Tart Varieties - The total 1976 United States red tart cherry production was estimated at 145 million pounds, compared with 291 million pounds in 1975. The Great Lakes producing states of Michigan, Wisconsin, Ohio, New York, and Pennsylvania produced only 118 million pounds in 1975. Michigan was the leading producer with 90 million pounds of which 88 million pounds were processed in 1976. Sweet Varieties - The United States production of sweets increased sharply with a record crop of 338 million pounds in 1976. In 1975, 304 million pounds were produced. Although United States production increased, the growing areas of Michigan, New York, and Pennsylvania produced only 25 million pounds in 1976, compared with 69 million pounds in 1975. The total increased production was in the western states of California, Idaho, Oregon, Utah, and Washington.

GROWING CONDITIONS: In late April freezing temperatures caused crop damage state wide. In Southwestern Michigan bud development was farthest advanced when the cold weather struck and damage was heavy. The West Central counties suffered moderate to heavy damage while only light cherry loss was reported by the Northwestern growing areas. Poor pollination weather in some areas caused additional damage which further decreased state production.

HARVEST: The 1976 harvest was over before it began. The entire state harvest lasted only four short weeks. Normally it takes six or possibly seven weeks to complete the cherry harvest. Mechanical harvesting was completed in the Southwestern Michigan growing areas by July 10th, and in the West Central district by July 17th. The Northwestern counties were completed by July 31st. The 1976 Michigan yields of 85 million pounds were the lowest on record since 1963.

MARKETING: Nearly all Michigan grown cherries are used by processors for various products. A total of 85 million pounds were received by processors in 1976. The disposition of the receipts were 55 million pounds frozen, 17 million pounds canned, and 2 million pounds for juice. The remaining 11 million pounds were used for other processed products. The Benton Harbor Fruit Market handled very little cherries this year. Because of the extremely poor growing conditions, and sharply higher processed prices fresh market supplies were very short. A total of 393 red tarts, and 223 sweet varieties in 8 quart flats were received at the market. Market prices per 8 quart flat ranged from \$5.50 to \$6.00 for red tarts, and \$7.50 to \$10.00 for the various sweet varieties.

RED TART CHERRIES 1976 CROP

Total Receipts Delivered to Michigan Processors by District
Fresh Fruit Basis in Pounds

<u>NORTHWEST</u>	<u>WEST CENTRAL</u>	<u>SOUTHWEST</u>	<u>OTHER</u>	<u>TOTAL</u>
58,948,838	21,664,033	4,342,556	26,385	84,981,812

Disposition of Michigan Receipts

<u>POUNDS RECEIVED</u>	<u>POUNDS FROZEN</u>	<u>CASES CANNED CONSUMER SIZE</u>	<u>CASES CANNED INSTITUTIONAL SIZE</u>	<u>POUNDS JUICE</u>
84,981,812	54,413,837	132,908	316,144	1,492,075

RE RT CHERRIES FROM THE GREAT LAKES PRODUCING

WEEKLY RECEIPTS, FRESH FRUIT BASIS, DELIVERED TO PROCESSORS IN POUNDS
(INCLUDES MICHIGAN, NEW YORK, OHIO, PENNSYLVANIA, AND WISCONSIN)

WEEK ENDING*	MICHIGAN	NEW YORK	OHIO-PENNSYLVANIA	WISCONSIN	TOTAL
Start of Ssn					
Thru July 10	4,447,632	-	5,793,756	-	10,241,388
July 17	25,429,903	2,956,758	1,915,259	603,800	30,905,720
24	32,374,254	9,224,722	-	2,782,725	44,381,701
31	19,709,758	2,367,258	-	2,098,778	24,175,794
Aug. 7	3,020,265	30,190	-	222,449	3,272,904
TOTAL 1976	84,981,812	14,578,928	7,709,015	5,707,752	112,977,507
PAST SEASON TOTALS					
1975	165,897,584	23,574,587	10,294,877	9,103,584	208,870,632
1974	193,574,371	14,747,785	14,085,159	10,611,560	233,018,875
1973	110,015,781	20,511,345	5,848,801	4,716,024	141,091,951
1972	205,812,935	31,363,102	11,726,898	8,173,006	257,075,941
1971	173,335,219	40,110,192	13,437,674	15,911,646	242,794,731

(*) The 1976 week ending figures are adjusted to reflect the revised total issued September 9, 1976.

COMBINED DISPOSITION OF CHERRIES FROM THE GREAT LAKES PRODUCING AREA
(PROCESSED FRUIT BASED ON FINISHED PRODUCT)

WEEK ENDING*	RECEIVED POUNDS	FROZEN POUNDS	CANNED CONSUMER CASES	CANNED INSTITUTIONAL CASES	JUICE POUNDS
Start of Ssn					
Thru July 10	10,241,388	3,033,492	34,665	22,752	85,148
July 17	30,905,720	16,701,148	42,994	138,240	838,308
24	44,381,701	29,236,669	51,364	142,036	1,088,756
31	24,175,794	18,050,575	44,105	51,666	490,809
Aug. 7	3,020,265	1,281,031	1,294	104	35,889
TOTAL 1976	112,977,507	68,302,915	174,422	354,798	2,538,910
PAST SEASONS TOTALS					
1975	208,870,632	124,068,319	603,577	766,261	4,279,596
1974	233,018,875	131,884,335	711,442	762,969	6,802,554
1973	141,091,951	82,375,463	274,998	379,433	5,345,632
1972	257,075,941	144,796,277	873,622	981,265	7,767,275
1971	242,794,731	147,649,803	962,242	582,064	4,827,974

(*) The 1976 week ending figures are adjusted to reflect the revised total issued September 9, 1976.

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN CHERRIES
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1971	70967	59114	49708	40381	29113	20639	91459	128606	123489	112826	104357	95057
1972	87389	74445	65570	55880	48488	39179	98042	134990	122486	111448	102224	93431
1973	81019	66457	58538	47608	37231	27097	75190	81692	71674	64234	56380	52466
1974	44015	38092	31797	25430	19982	16100	69185	96726	93553	87203	80095	74266
1975	67641	63685	59552	52961	43206	36963	121065	135116	123057	111531	102302	93086
1976	83214	64218	53636	44754	32797	27611	81682	85584	72634	65008	56275	49349

SOURCE: Statistical Reporting Service, Agriculture Estimation Division, U.S. Department of Agriculture, Washington, D.C.

CHERRY PRODUCTION

VARIETY AND STATE	1974	1975	1976
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-- TONS --

SWEET VARIETIES:

New York	1,600	6,800	1,600
Pennsylvania	800	860	460
MICHIGAN	25,500	27,000	10,500
3 Great Lake States	27,900	34,660	12,560
Montana	1,650	2,400	2,650
Idaho	2,250	1,550	3,000
Colorado	250	400	500
Utah	5,000	2,800	6,000
Washington	45,000	43,100	54,300
Oregon	33,500	36,500	39,000
California	28,000	30,500	51,000
7 Western States	119,650	117,250	156,450
UNITED STATES	143,550	151,910	169,110

TART VARIETIES:

New York	8,100	13,700	7,150
Pennsylvania	6,550	6,300	3,800
Ohio	300	300	150
MICHIGAN	103,000	111,000	45,000
Wisconsin	5,350	5,200	2,950
5 Great Lake States	123,300	136,500	59,050
Colorado	1,250	1,650	1,650
Utah	5,800	4,000	8,500
Oregon	2,100	3,100	3,300
3 Western States	9,150	8,750	13,450
UNITED STATES	132,450	145,250	72,500

ECONOMIC ABANDONMENT

CROP AND STATE	UNHARVESTED PRODUCTION			EXCESS COLLAGE OF HARVESTED FRUIT		
	1974	1975	1976	1974	1975	1976

-- TONS --

SWEET CHERRIES:

California	4,300
Idaho	550
New York	180
10 State Total	5,030

TART VARIETIES:

Colorado	50	
MICHIGAN	11,000	9,000
New York	1,000	200
Ohio	40	10
Pennsylvania	530	
Wisconsin	150	
8 State Total	150	12,970

SOURCE: Crop Reporting Board, SWS, USDA

Noncitrus Fruits & Nuts 1976 Annual Summary

BLACKBERRIES
1976 CROP

PROCESSED: The total 1976 deliveries to Michigan processors decreased slightly. A total of 9,780 pounds were delivered in 1976, compared with 13,140 pounds in 1975. All deliveries were frozen in finished products. The average price paid to growers were up sharply at 40 cents per pound in 1976, compared with 25 cents in 1975. The total dollar value was \$3,912.00 in 1976, compared with \$3,285.00 in 1975, and \$13,057.00 in 1974.

FRESH MARKET: The 1976 blackberry offerings were practically nonexistent. A total of 983, 12 pint flats were delivered to the market in 1976, compared with 2,260, 12 pint flats in 1975. The average price paid to growers was \$8.00 per 12 pint flat, compared with \$6.61 in 1975. The total dollar value of the fresh market sales was \$7,864.00 in 1976, compared with \$14,938.00 in 1975.

SOURCE: Benton Harbor Fruit Market Summary.

WEEKLY RECEIPTS DELIVERED TO MICHIGAN PROCESSORS OR RECEIVING STATIONS
FRESH FRUIT BASIS IN POUNDS

WEEK ENDING	FROZEN WEEKLY	TOTAL TO DATE FROZEN	TOTAL TO DATE CANNED	TOTAL TO DATE FROZEN & CANNED	PRICE TO GROWER
Start of Ssn Thru July 24	2,663	2,663	-	2,663	40¢
July 31	7,117	9,780	-	9,780	40¢
TOTAL 1976		9,780		9,780	
PAST SEASONS TOTALS					
1975		13,140	-	13,140	25¢
1974		32,644	-	32,644	40¢
1973		120,000	-	120,000	45¢
1972		33,685	-	33,685	Unavail.
1971		62,435	-	62,435	20¢

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN BLACKBERRIES
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972	13021	12006	9481	7226	6027	5622	12453	18612	17769	16107	14646	13594
1973	11752	9258	7880	5409	4664	5943	8689	11255	11469	10358	8976	8645
1974	7682	7187	6311	5255	5146	5511	10263	13324	17343	15846	14904	14046
1975	13274	13010	11845	10225	9641	8331	13655	17193	19528	18882	17287	15463
1976	12762	11377	9215	7246	6059	5273	7645	11833	16301	15061	12810	12139

SOURCE: Statistical Reporting Service, Agricultural Estimates Division, U.S. Department of Agriculture, Washington, D.C.

BLACK RASPBERRIES
1976 CROP

PROCESSED: The 1976 deliveries to processors totaled 86,604 pounds, compared with 339,097 pounds in 1975. All fruit was frozen into retail and commercial products. The average price received by growers was unchanged in 1976 at 60 cents per pound. The total dollar value of the 1976 deliveries was \$51,963.00, compared with \$203,458.00 in 1975. Increased harvest cost of hand labor was a contributing factor for the decline in production.

FRESH MARKET: Fresh market deliveries decreased sharply in 1976. A total of 1,996, 12 pint flats were received at the Benton Harbor Fruit Market in 1976, compared with 4,502, 12 pint flats in 1975. The average price paid to growers per 12 pint flat was \$10.94 in 1976, and \$8.07 in 1975. The dollar value was \$21,836.00 in 1976, compared with \$36,331.00 in 1975. The fresh market demand was very good, and some buyers were unable to get sufficient supplies. This commodity is a good early cash

SOURCE: Benton Harbor Fruit Market Summary.

crop for many growers.

WEEKLY RECEIPTS DELIVERED TO MICHIGAN PROCESSORS OR RECEIVING STATIONS
FRESH FRUIT BASIS IN POUNDS

WEEKLY ENDING	FROZEN WEEKLY	TOTAL TO DATE FROZEN	TOTAL TO DATE CANNED	TOTAL TO DATE FROZEN & CANNED	PRICE TO GROWER
Start of Ssn Thru July 10	58,119	58,119	-	58,119	60¢
July 17	24,141	82,200	-	82,200	60¢
24	4,344	86,604	-	86,604	60¢
TOTAL 1976		86,604	-	86,604	
PAST SEASONS TOTALS					
1975		339,097	-	339,097	40-60¢ M50¢
1974		113,798	-	113,798	60¢
1973		380,075	-	380,075	60-65¢ M63¢
1972		431,037	-	431,037	50¢
1971		710,360	103,537	813,897	25-30¢

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN BLACK RASPBERRIES
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARIOSN

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972	1195	1367	949	1128	1185	963	2660	2435	1853	1846	1257	1088
1973	1092	865	684	631	548	842	2335	1712	1845	1827	1604	1477
1974	1244	1144	1103	1012	927	850	2457	1794	2982	1904	1738	1611
1975	1419	1393	1272	1110	1075	879	3120	2765	2756	2481	2150	2104
1976	2056	1894	2254	1999	1876	1973	2786	2721	2734	1960	1931	1689

SOURCE: Statistical Reporting Services, Agricultural Estimates Division, U.S. Department of Agriculture, Washington, D.C.

RED RASPBERRIES
1976 CROP

PROCESSED: The total processor deliveries were only 5,986 pounds in 1976, compared with 25,365 pounds in 1975. All receipts were frozen into various finished products. The average price paid to growers per pound was mostly 50 cents in 1976, and 42 cents in 1975. The dollar value was \$2,933.00 in 1976, compared with \$10,653.00 in 1975. Poor growing conditions, and the higher harvest cost were responsible for the decreased yields.

SOURCE: Benton Harbor Fruit Market Summary.

FRESH MARKET: The fresh market supplies decreased sharply in 1976. A total of 3,636, 12 pint flats arrived at the Benton Harbor Fruit Market in 1976, compared with 6,011, 12 pint flats in 1975. The average price paid to growers per 12 pint flat was \$11.44 in 1976, compared with \$8.42 in 1975. The total dollar value was \$41,596.00 in 1976, compared with \$50,613.00 in 1975. This crop is a good cash commodity for the grower, and demand was very good all season.

WEEKLY RECEIPTS DELIVERED TO MICHIGAN PROCESSORS OR RECEIVING STATIONS
FRESH FRUIT BASIS IN POUNDS

WEEK ENDING	FROZEN WEEKLY	TOTAL TO DATE FROZEN	PRICE TO GROWER
Start of Ssn Thru July 10	3,374	3,374	40-50¢
July 17	2,321	5,695	40¢
24	291	5,986	40¢
TOTAL 1976		5,986	
PAST SEASONS TOTALS			
1975		25,365	42-45¢ M42¢
1974		18,659	42¢
1973		18,804	35¢
1972		16,307	32-35¢
1971		7,381	Unavailable

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN RED RASPBERRIES
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972	11466	9319	6092	7569	4897	5333	21239	17897	15374	13729	12504	11601
1973	10042	8488	7241	5778	4980	8153	25803	23575	19344	17321	16530	15232
1974	12931	11281	9207	7334	6529	6016	24391	22143	21098	19032	18666	16702
1975	14278	13693	11756	8858	7690	6974	26998	30982	28506	24049	21815	19701
1976	17693	15914	12490	10783	8032	6793	21057	20467	19088	16968	16479	14974

SOURCE: Statistical Reporting Service, Agricultural Estimates Division, U.S. Department of Agriculture, Washington, D.C.

ASPARAGUS
1976 CROP

PLANTED ACREAGE: The total United States planted acreage was 93,500 acres in 1976, compared with 102,770 acres in 1975. California and New Jersey accounted for the largest decrease of 4,300 and 1,300 acres respectively. In 1976 Michigan acreage increased 900 acres, bringing the total to 18,700 acres, compared with 17,800 acres in 1975.

PRODUCTION: In Michigan total 1976 production decreased because of adverse April growing conditions. Numerous spring freezes occurred hampering growth and affecting quality. The yield per acre was 1,000 pounds in 1976, compared with 1,100 pounds in 1975.

PROCESSED: A total of 15,788,000 pounds were delivered to Michigan processing plants or receiving stations in 1976, compared with 17,681,000 pounds in 1975. The disposition of the 1976 Michigan crop was 10,520,000 pounds canned, and 4,635,000 pounds frozen.

SOURCE: Benton Harbor Fruit Market Summary.

The 1976 average price paid to growers was mostly 31 cents per pound, up sharply from the 24 cents per pound paid in 1975. The total dollar value of the Michigan processed asparagus was \$4,894.00 in 1976, compared with \$4,244.00 in 1975.

FRESH MARKET: The 1976 fresh market pack was very light because poor growing conditions created inconsistent quality and supplies. Buyer interest was very good but the lack of steady supplies, and consistent quality decreased demand as the irregular harvest season progressed. The light volume, F.O.B. packing house prices for 30 pound pyramid crates, loose hand snapped ranged from \$12.00 to \$16.25 during the marketing season. Michigan grown asparagus appeared in Detroit, Cincinnati, Chicago, and Cleveland. The primary pack reported at these wholesale terminal markets was the 30 pound pyramid crate and 10 pound cartons. Currently California's 1977 crop is estimated at 30,300 acres, 11 percent below the 33,900 acres harvested in 1976.

WEEKLY RECEIPTS DELIVERED TO MICHIGAN PROCESSORS OR RECEIVING STATIONS, IN POUNDS

WEEK ENDING	FROZEN WEEKLY	TOTAL TO DATE FROZEN	CANNED WEEKLY	TOTAL TO DATE CANNED	TOTAL WEEKLY FROZEN & CANNED	TOTAL TO DATE FROZEN & CANNED
Start of Ssn						
Thru May 15	217,922	217,922	774,548	774,548	992,470	992,470
May 22	936,012	1,153,934	2,133,817	2,908,365	3,069,829	4,062,299
29	1,052,965	2,206,899	2,056,895	4,965,260	3,109,860	7,172,159
June 5	974,598	3,181,497	2,099,706	7,064,966	3,074,304	10,246,463
12	892,138	4,073,635	2,061,951	9,126,917	2,954,089	13,200,552
19	410,245	4,483,880	949,522	10,076,439	1,359,767	14,560,319
26	150,426	4,634,306	443,221	10,519,660	593,647	15,153,966
July 3	418,262	5,052,568	215,792	10,735,452	634,054	15,788,020
TOTAL 1976		5,052,568		10,735,452		15,788,020
PAST SEASONS TOTALS						
1975		5,060,556		12,621,061		17,681,617
1974		2,281,132		20,002,948		22,264,080
1973		2,562,920		20,074,998		22,637,918
1972		1,869,770		18,978,660		20,848,430
1971		1,773,356		16,435,905		18,209,261

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN ASPARAGUS
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972	9383	7403	11955	18408	28209	32947	32120	37761	28909	27205	21285	21652
1973	18796	16200	14513	19350	27245	33276	32685	27241	25451	22856	20079	17377
1974	15512	14103	12185	12520	19985	23514	20994	18681	16773	14698	12238	11710
1975	9606	7665	5989	8254	17115	19469	18320	16753	14699	11894	10852	9159
1976	6970	4604	3927	7400	16595	20543	18584	17160	15695	12777	10364	8158

SOURCE: Statistical Reporting Service, Agriculture Estimates Division, US Department of Agriculture, Washington, DC

ASPARAGUS FOR FRESH MARKET AND PROCESSING: AREA, YIELD PER ACRE, PRODUCTION AND VALUE 1974-76

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	ACRES						HUNDRED WEIGHT		
SPRING:									
California	44,100	38,200	33,900	44,100	38,200	33,900	29	28	37
Illinois	7,200	6,800	5,200	7,200	6,800	5,200	12	14	9
Massachusetts <u>1/</u>	470	460		470	460		19	16	
MICHIGAN	17,000	17,800	18,700	17,000	17,800	18,000	15	11	10
New Jersey	6,800	4,600	3,300	6,800	4,600	3,300	13	14	13
Washington	23,400	21,000	20,400	23,400	21,000	20,400	29	27	33
Other States <u>2/</u>	13,620	13,910	12,000	13,520	13,710	11,780	15	10	11
U.S. TOTAL	112,590	102,770	93,500	112,490	102,570	92,580	23	21	25

SEASON AND STATE	PRODUCTION			PER CWT.			VALUE		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	1,000 CWT.			DOLLARS			1,000 DOLLARS		
SPRING:									
California	1,279	1,070	1,254	28.90	30.70	32.20	36,940	32,870	40,326
Illinois	86	95	47	32.70	26.60	29.80	2,814	2,529	1,400
Massachusetts <u>1/</u>	9	7		38.80	41.50		349	291	
MICHIGAN	255	196	180	33.70	24.30	33.00	8,593	4,772	5,934
New Jersey	88	64	43	33.40	36.30	43.60	2,943	2,320	1,874
Washington	679	567	673	24.90	25.40	28.60	16,890	14,379	19,234
Other States <u>2/</u>	208	142	125	27.60	30.10	30.90	5,748	4,275	3,861
U.S. TOTAL	2,604	2,141	2,322	28.50	28.70	31.30	74,277	61,436	72,629

1/ Estimates discontinued in 1976.

2/ Fresh Market: Delaware, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.
Processing: Indiana, Iowa, Maryland, New Jersey, Ohio, Oregon, and Virginia.

ASPARAGUS COMMERCIAL CROP FOR FRESH MARKET AND PROCESSING: PRODUCTION AND VALUE 1974-76

SEASON AND STATE	PRODUCTION			PER CWT.			VALUE		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
	1,000 CWT.			DOLLARS			1,000 DOLLARS		
FRESH MARKET:									
SPRING:									
California	608	657	725	34.60	35.10	37.60	21,037	23,061	27,260
Illinois	9	9	7	44.40	41.70	49.10	400	375	344
Massachusetts <u>1/</u>	9	7		38.80	41.50		349	291	
MICHIGAN	14	21	20	40.60	28.90	38.70	568	607	774
Washington	108	111	110	22.10	25.20	38.20	2,387	2,797	4,202
Other States <u>2/</u>	76	69	50	36.20	37.20	43.60	2,748	2,564	2,178
U.S. TOTAL	824	874	912	33.40	34.00	38.10	27,489	29,695	34,758
PROCESSING:									
SPRING:									
California	33,550	20,650	26,450	474.00	475.00	494.00	15,903	9,809	13,066
Illinois	3,850	4,300	2,000	627.00	501.00	528.00	2,414	2,154	1,056
MICHIGAN	12,050	8,750	8,000	666.00	476.00	645.00	8,025	4,165	5,160
Washington	28,550	22,800	28,150	508.00	508.00	534.00	14,503	11,582	15,032
Other States <u>2/</u>	11,000	6,850	5,900	540.00	588.00	603.00	5,943	4,031	3,557
U.S. TOTAL	89,000	63,350	70,500	526.00	501.00	537.00	46,788	31,741	37,871
FREEZING	14,300	20,150	28,250	493.00	469.00	503.00	7,053	9,457	14,212
CANNING	74,700	43,200	42,250	532.00	516.00	560.00	39,735	22,284	23,659

1/ Estimate discontinued in 1976

2/ Fresh Market: Delaware, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.
Processing: Indiana, Iowa, Maryland, New Jersey, Ohio, Oregon, and Virginia.