

# **Marketing Michigan Berries and Cherries**

**Including Processing Data**

## **1981 Crop**

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**Federal-State  
Market News Service**

Michigan Department of Agriculture  
Marketing Division

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United States Department of Agriculture  
Agricultural Marketing Service  
Fruit and Vegetable Division



F O R E W O R D

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This is a summary of the 1981 marketing season for the following Michigan crops: asparagus, blueberries, and red tart cherries. Both fresh and processed markets are included in this report, which has been published by the Michigan Department of Agriculture, Marketing & International Trade Division, cooperating with the U.S. Department of Agriculture, Agriculture Marketing Service.

The information included in this summary was collected from reports published by the Federal-State Market News offices at Benton Harbor, Michigan; Rochester, New York; New Jersey and Maine Departments of Agriculture.

We wish to express our sincere appreciation to the many individuals and firms of the Fruit and Vegetable Industry who cooperated with us and made this report possible.

Please Note: Due to budget cuts it was necessary to discontinue the collection of information on strawberries, except for the total amount of fruit processed during the season which was 3,907,269 lbs.

Additional copies of this summary may be obtained from:

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F & V Division, Market News Branch  
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Washington, D.C. 20250

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ACREAGE & PRODUCTION: Michigan growers harvested 19,000 acres of asparagus in 1981. This compares to 19,500 during the previous season. From the harvest a total of 171,000 cwt. were produced, which is a sharp decrease from the 234,000 and 253,500 cwt. grown in 1980 and 1979. On a national basis, the production decline in Michigan was offset by increases in California and Washington. The total was recorded at 1,702,000 cwt., which was up slightly from the 1,671,000 harvested a year earlier. Interestingly, the increase came from 2,260 fewer acres. Some of this maybe due to the planting of new and improved varieties combined with a decrease of 2,460 acres in some of the minor production areas of the country.

THE GROWING SEASON: Michigan's asparagus crop produced an average yield of 900 pounds per acre and was the lowest yielding asparagus crop on record for the State. Opinions on the way this happened are varied, but most growers and shippers generally place much of the fault with poor spring weather. Before the crop had a good chance to start there were two hard freezes in April with temperatures in the low 20s to high teens in the important Hart-Shelby area. Although there were doubts about how much damage was caused, some felt that the initial harvest plus one or two following harvests would be cut back sharply as a result of freezes. This would be tonnage lost for the season, and may well account for much of the reduction in yields. As the growing season moved into May the weather failed to improve as it turned generally cool and wet with a couple of frosts. Then on the 10th, a very heavy rain fell over the western portion of the State and the leaching of fertilizer reduced yields even further. It was not until the last week of May that favorable weather arrived, which unfortunately was too late and only lasted two weeks as the middle of June proved to be a very wet period.

THE MARKETING SEASON: Michigan shippers were actively promoting Michigan All-Green hand snapped asparagus with a great deal of enthusiasm prior to the harvest. Their efforts were well founded as the feed-back from buyers and receivers was excellent and the stage had been set for what appeared to be a very healthy marketing season.

Some of the receivers began planning promotions and were busy working with growers and shippers to determine what dates the period would cover. Even though the dates were chosen in a very conservative manner they still arrived before any significant volume of asparagus was harvested. This in turn became frustrating to growers, shippers, and buyers. From the stand point of the buyers, particularly with the larger chains, this is a very sensitive area and one that they try to avoid if at all possible. The unfortunate thing was that this not only happened once, but was repeated for several weeks running. When the production finally became adequate, and growers and shippers could finally deliver product, a fairly good number of buyers were beginning to lose interest in the deal. This in turn stressed the market and the price which had been established at mostly \$24.00 per 30 lb. pyramid crate and \$8.00 to \$8.50 per 10 lb pyramid carton. As a result prices soon slipped to a level of \$23.50 to \$24.00 for 30s with 10s \$8.00 to \$8.25. Beyond that an occasional sale was quietly reported in the range of \$22.00. Thirties were shown at \$23.50 to \$24.00 when the last market news report was issued for week ending June 6th.

The processing market proved to be as hectic and full of difficulties as the fresh market. The delays and false starts made it difficult for processors to purchase an adequate amount of tonnage to process efficiently. The base price, which was established at 55¢ per lb. by M.A.C.M.A., began to advance slightly as the harvest progressed. Competition for raw product forced the market to a level of 60+ cents per lb. by early June, which only increased supplies to processors slightly and reduced the volume being directed to the fresh market. The total pack (both frozen and canned) for the season was 11,800,083 lbs., which was a decrease of approximately 4,633,000 lbs from the previous season.

## WEEKLY RECEIPTS OF ASPARAGUS 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 Season thru						
May 9	350,320	350,320	1,101,471	1,101,471	1,451,791	1,451,791
May 16	211,738	562,058	668,682	1,770,153	880,420	2,332,211
May 23	360,509	922,567	1,360,208	3,130,361	1,720,717	4,052,928
May 30	542,202	1,464,769	1,666,005	4,796,366	2,208,207	6,261,135
June 6	574,718	2,039,487	1,614,918	6,411,284	2,189,636	8,450,771
June 13 & 20	985,186	3,024,673	2,364,126	8,775,410	3,349,312	11,800,083
TOTAL 1981		3,024,673		8,775,410		11,800,083
PAST SEASON TOTALS						
1980		5,614,616		10,818,405		16,433,021
1979		6,524,785		14,128,923		20,653,708
1978		5,665,914		14,926,515		20,592,429
1977		4,257,794		13,110,759		17,368,553
1976		5,052,568		10,735,452		15,788,020

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN ASPARAGUS (1000 lbs)  
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1977	6311	4687	3480	8913	15903	20475	18941	16930	15023	14677	11431	9951
1978	7214	5592	3701	3123	8103	11421	11087	9946	9709	8212	6651	5137
1979	3980	2929	1855	4310	12564	18894	18338	15721	15759	14389	12892	11468
1980	10199	8873	8207	7963	12275	16024	14646	12695	11206	10248	9120	7971
1981	6578	5668	4988	5203	9276	11518	10515	10108	6676	7432	6929	5582

SOURCE: Cold Storage Booklet  
Crop Reporting Board, SRS, U.S.D.A.

ASPARAGUS FRESH MARKET TRUCK SHIPMENTS IN 40,000 LB UNITS

WEEK ENDING	MICHIGAN *	CALIFORNIA	NEW JERSEY 1/	WASHINGTON	TOTAL
May 9	5	88	-	17	110
16	11	63	-	20	94
23	24	45	-	20	89
30	39	35	-	20	94
June 6	49	20	-	15	84
13	*	10	-	13	23
TOTAL	128	261	-	105	494

\* Michigan Season incomplete as the Market News Office was closed the month of June

1/ New Jersey Figures are unavailable

## ASPARAGUS FOR FRESH MARKET AND PROCESSING

SEASON AND STATE	AREA PLANTED			AREA HARVESTED			YIELD PER ACRE		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	ACRES						CMT.		
JAN-JUNE									
CALIF	26,400	27,900	27,300	26,400	27,900	27,300	35	28	30
ILL	3,100	2,900	2,700	3,100	2,900	2,700	11	13	10
MICH	20,000	20,000	20,000	19,500	19,500	19,000	13	12	9
N J	1,600	1,500	1,500	1,600	1,500	1,500	17	15	19
WASH	21,000	22,200	23,700	21,000	22,200	23,700	28	23	25
OTHER STS 1/	9,360	8,950	6,490	9,060	8,950	6,490	9	9	10
U S	81,460	83,450	81,690	80,660	82,950	80,690	24	20	21
	PRODUCTION			VALUE					
				PER CWT.			TOTAL		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 CWT.			DOLLARS			1,000 DOLLARS		
JAN-JUNE									
CALIF	924	781	819	52.50	52.20	63.40	48,556	40,807	51,962
ILL	34	38	27	46.90	49.60	57.30	1,594	1,883	1,547
MICH	254	234	171	61.20	51.30	62.50	15,538	12,014	10,690
N J	27	23	29	81.60	85.30	78.50	2,203	1,962	2,277
WASH	588	511	593	44.80	40.90	49.40	26,371	20,894	29,268
OTHER STS 1/	84	84	63	48.90	54.30	58.10	4,104	4,558	3,661
U S	1,911	1,671	1,702	51.50	49.10	58.40	98,366	82,118	99,405

1/ DEL, IND, IOWA, MD, MINN, OREG, AND VA.

## ASPARAGUS FOR FRESH MARKET AND PROCESSING

UTILIZATION AND STATE	PRODUCTION			VALUE					
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 CWT.			DOLLARS PER CWT.			1,000 DOLLARS		
FRESH MARKET									
CALIF	480	631	644	62.40	55.40	69.60	29,952	34,957	44,822
ILL	7			51.90			363		
MICH	52	70	53	78.40	65.00	72.00	4,077	4,550	3,816
WASH	62	41	69	61.80	69.80	73.70	3,832	2,862	5,085
OTHER STS 1/	39	42	43	76.70	75.40	76.10	2,990	3,166	3,274
U S	640	784	809	64.40	58.10	70.50	41,214	45,535	56,997
PROCESSING									
	TONS			DOLLARS PER TON			1,000 DOLLARS		
CALIF	22,200	7,500	8,750	838.00	780.00	816.00	18,604	5,850	7,140
ILL	1,350			912.00			1,231		
MICH	10,080	8,220	5,900	1,137.00	908.00	1,165.00	11,461	7,464	6,874
WASH	26,300	23,510	26,200	857.00	767.00	923.00	22,539	18,032	24,183
OTHER STS 1/	3,570	5,180	3,790	929.00	1,011.00	1,111.00	3,317	5,237	4,211
U S	63,500	44,410	44,640	900.00	824.00	950.00	57,152	36,583	42,408
CANNING	39,430	34,540	34,950	893.00	816.00	941.00	35,217	28,170	32,877
FREEZING	24,070	9,870	9,690	911.00	852.00	984.00	21,935	8,413	9,531

1/ FRESH MARKET: ILL, IND, IOWA, MD, N J, AND OREG, PROCESSING: DEL, ILL, IND, IOWA, MD, MINN, N J, OREG, AND VA.

## ASPARAGUS UNLOADS IN 41 CITIES \*

MAY - JULY 1981

RAIL &amp; TRUCK COMBINED

In 10,000 lb units

CITIES	MICHIGAN	CALIFORNIA	NEW JERSEY	WASHINGTON	OTHERS	TOTAL
Albany	-	16	3	2	-	21
Baltimore-Washington	2	42	5	7	-	56
Boston	4	103	14	54	4	179
Buffalo	2	8	1	-	-	11
New York-Newark	-	174	10	47	-	231
Philadelphia	-	60	11	23	-	94
Pittsburgh	1	5	1	4	-	11
Providence	1	3	-	-	-	4
TOTAL EAST	10	411	45	137	4	607
Chicago	25	40	-	4	1	70
Cincinnati	1	6	-	11	-	18
Cleveland	11	11	2	-	-	24
Detroit	23	17	-	-	-	40
Indianapolis	1	4	-	-	-	5
Kansas City	-	46	-	-	7	53
Louisville	-	14	-	-	-	14
Milwaukee	6	2	-	1	-	9
Minneapolis-St. Paul	-	19	-	11	-	30
St. Louis	4	17	-	6	1	28
TOTAL MIDWEST	71	176	2	33	9	291
Atlanta	-	14	-	2	-	16
Birmingham	-	2	-	-	-	2
Columbia, S.C.	-	-	-	-	-	-
Dallas	-	10	-	-	1	11
Fort Worth	-	2	-	-	-	2
Houston	-	25	-	-	-	25
Memphis	-	4	-	-	-	4
Miami	-	32	-	-	-	32
Nashville	5	7	-	1	-	13
New Orleans	-	6	-	1	-	7
Oklahoma	-	-	-	-	-	-
San Antonio	-	12	-	-	-	12
TOTAL SOUTH	5	114	-	4	1	124
Denver	-	24	-	1	7	32
Los Angeles	-	124	-	-	-	124
Portland	-	19	-	13	1	33
Salt Lake City	-	6	-	-	7	13
San Francisco-Oakland	-	232	-	-	-	232
Seattle-Tacoma	-	7	-	64	-	71
TOTAL WEST	-	412	-	78	15	505
TOTAL U.S.	86	1113	47	252	29	1527
Montreal, Quebec	-	3	7	-	17	27
Ottawa, Ontario	-	-	-	2	7	9
Toronto, Ontario	-	14	6	8	17	45
Vancouver, B. C.	-	18	-	18	-	36
Winnipeg, Man.	-	-	-	-	11	11
TOTAL CANADA	-	35	13	28	52	128

SOURCE: Transportation Section, Washington, D.C.

\* All figures are preliminary - Beginning Oct. 1, 1981 the following cities have discontinued reporting  
 Albany, NY; Birmingham, AL; Cleveland, OH; Fort Worth, Tx; Houston, Tx; Indianapolis, IN; Kansas City, Mo;  
 Louisville, KY; Memphis, TN; Miami, FL; Milwaukee, WI; Minn-St. Paul; Nashville, Tn, Oklahoma City, Ok;  
 Portland, OR; Providence, R.I.; Salt Lake City, UT.



1981 MICHIGAN ASPARAGUS PRICES  
Michigan All-Green -Asparagus Grade-Hand Snapped-Hydrocooled

DATE	30 LB CARTONS PYRAMID CRATES	10 LB. CARTONS PYRAMID CRATES	CARTONS 30-1 LB. FILM OVER WRAPPED TRAYS	3/4 BUSHEL CRATE ORIENTED	10 LB BULK CARTONS NON-ORIENTED
April 29	24.00				
30	24.00				
May 1	-				
4	24.00	8.50			
5	24.00	8.20-8.50			
6	24.00	8.00-8.50			
7	24.00	8.25-8.50	30.00		
8	23.50-24.00				
11	23.50-24.00				
12	24.00			19.00	
13	23.50-24.00	8.00-8.40			6.70-7.25
14	23.50-24.00	8.00-8.40			6.70-7.25
15	23.50-24.00	8.00-8.40			6.80-7.25
19	23.50-24.00	8.00-8.50			7.00
20	24.00	8.50			
21	23.50-24.00	8.50			6.70-7.50
22	23.50-24.00	8.50			6.70-7.50
26	23.50-24.00	8.00-8.50			-
28	23.50-24.00	8.00-8.50			
29	23.50-24.00	8.00-8.50			

DAILY PRICES OF MICHIGAN ASPARAGUS AT WHOLESALE TERMINAL MARKETS

D E T R O I T

DATE	30 LB CARTONS & CRATES MEDIUM-LARGE LOOSE	10 LB CARTONS LOOSE	30-1 LB. CARTONS FILM OVERWRAPPED TRAYS
May 6	27.00	9.00	30.00
8	27.00	9.00	30.00
11		9.00	30.00
13			30.00
15	26.00	9.00	27.00
18	26.00	9.00	
20	26.00	9.00	27.00
22	26.00	9.00	27.00
26	26.00	9.00	30.00
29	26.00-26.50	9.00	30.00

C H I C A G O

DATE	CRATES & CARTONS APPROX. 30 LB. JUMBO	30 LB CARTONS LARGE & STANDARD	25 LB FILM WRAPPED SMALL	30 LB. CARTONS SMALL-MEDIUM
May 13	28.00	26.00-27.00		
15		26.00-28.00		
18		26.00-27.00		
20		25.00-27.00		
22		25.00-27.00		
27			24.00	26.00-28.00
29			24.00	25.00-26.00

PRODUCTION: According to the Crop Reporting Board of the U.S.D.A. the production of red tart cherries totaled 135 million lbs in 1981. This was a sharp decrease of 82 million from the previous year and was down 36.2 million lbs from the 1979 crop. Most of the reduced production occurred in Michigan which at 88 million lbs was down 41 percent or 62 million lbs. In addition to Michigan, the crop in New York was also down sharply at 8.4 million showing a decrease of 22 million lbs, while Wisconsin was down 2.5 million. Increases were recorded in Pennsylvania, up 2.4 million, while Utah's tart cherry crop was one million lbs heavier.

THE GROWING SEASON: As was evidenced by the greatly reduced yields in most of the Great Lakes production areas, the growing season was unfavorable in 1981. The single greatest cause were ill-timed spring freezes in April which were followed by frost in early May. The impact of the freezes in April were particularly damaging since the trees were about two to three weeks further advanced than normal due to a warm period that began in late March. The first freeze was on April 6th and caught trees in West Central Michigan in the water stage and at bud swell in the Southwest. This was just the first of several mornings of below freezing temperatures, then on the 21st of April, growers in the important Traverse Bay area saw temperatures range from 16 degrees at the airport to 22 degrees on Old Mission. When you look back over the range of temperatures, and the different stages of development at the time of each freeze, it's a wonder that the crop produced the tonnage that it did.

THE HARVEST: Michigan growers began shaking tart cherry trees during the first week of July in the Southwestern corner of the State. This was about a week earlier than the harvest started a

year earlier. During the week that followed approximately 50% of the trees in the Southwest had been shaken, while the harvest in the Central and Northern areas was underway. The harvest moved at a very quick pace due to the lighter than normal yields, and by the 3rd week of July the harvest was over in the south and 25% complete State-wide. The harvest continued to move at a fast clip and by August 1st was 90% complete with the remainder completed in a matter of a few days.

UTILIZATION: The amount of tart cherries utilized in 1981 in the major states totaled 134.2 million pounds, of which 130.2 million lbs were processed. This was down sharply from the 210 million lbs a year earlier. Eighty-six million lbs of Michigan's 88 million lbs of tart cherries were utilized for processing. The difference of two million lbs was credited to u-pick and fresh market consumption.

VALUE: The Crop Reporting Board of the U.S.D.A. placed the value of the 1981 Michigan red tart cherry crop at 40.8 million dollars. This was an increase of 10.4 million over the much heavier crop of 1980, but was down almost eight million from the 1979 tart cherry crop. The average price per pound for raw produce was 46.2 cents. This was more than double the 20.2 cents of the previous season, a season which had produced a crop of 150 million lbs. The value of the utilized production on a national basis was 59.7 million dollars, and was up 16 million dollars from 1981, but down almost 21 million from the tart cherry crop utilized two years earlier.

RED TART CHERRIES FROM THE GREAT LAKES PRODUCING AREA  
WEEKLY RECEIPTS, DELIVERED TO PROCESSORS (POUNDS)

WEEK ENDING	MICHIGAN	NEW YORK	PENN.-VA-MD.	WISCONSIN	TOTAL
Start through					
July 11	21,390,016	-	3,954,444	-	25,344,460
18	14,371,404	4,201,464	3,153,431	-	21,726,299
25	16,511,052	3,941,990	909,920	889,873	22,252,835
Aug. 1	22,447,166	28,048	-	3,341,157	25,816,371
8	9,251,243	-	-	3,619,488	12,870,731
15	4,388,644	-	-	590,312	4,978,956
TOTAL 1/	83,569,707	6,797,163	7,544,573	9,111,180	107,022,623

PAST SEASON TOTALS

1980	146,573,664	28,469,556	4,836,436	10,703,467	190,583,123
1979	97,364,934	26,268,706	5,741,508	14,429,844	143,804,992
1978	122,667,539	17,423,910	5,403,146	11,197,370	156,691,965
1977	154,946,311	10,460,120	2,685,734	12,298,282	180,390,447
1976	84,981,812	14,578,928	7,709,015	5,707,752	112,977,507

1/ Please Note: The week ending figures will not agree with the season totals as these were obtained from The Cherry Administrative Board.

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

WEEK ENDING	POUNDS RECEIVED	FROZEN POUNDS	CANNED CONSUMER CASES	CANNED INSTITUTIONAL CASES
Start through				
July 11	25,344,460	14,780,836	57,293	9,003
18	21,726,299	10,833,132	19,296	26,634
25	22,252,835	13,620,884	11,766	18,525
Aug. 1	25,816,361	17,381,005	17,342	14,039
8	12,870,731	8,720,974	11,607	20,178
15	4,978,956	3,528,150	-	2,272
TOTAL 1/	107,022,623	78,056,544	<u>CANNED PACKS IN LBS.</u> 6,498,252	<u>OTHER PACKS</u> 22,467,827
PAST SEASON TOTALS				
1980	190,583,123	114,467,917	65,014,650 lbs.	2,853,900 other packs
1979	143,804,992	98,912,184	43,760,421 lbs	-
1978	156,691,965	98,057,498	209,277 cases	462,407 cases
1977	180,390,447	116,311,600	280,225 cases	344,875 cases
1976	112,977,507	68,302,915	174,422 cases	354,798 cases

1/ Please Note: The week ending figures will not agree with the season totals as these were obtained from The Cherry Administrative Board (These figures are processed weights)

12.

## RED TART CHERRIES - 1981 CROP

## Total Receipts Delivered to Michigan Processors by Districts

<u>NORTHWEST</u>	<u>WEST CENTRAL</u>	<u>SOUTHWEST</u>	<u>OTHER</u>	<u>TOTAL</u>
34,222,389	22,242,478	27,104,840	-	83,569,707

TART CHERRY UTILIZATION 1/

<u>POUNDS RECEIVED</u>	<u>POUNDS FROZEN</u>	<u>POUNDS CANNED</u>
83,569,707	65,834,960	16,084,843

1/ Figures will not add due to shrinkage & yield factors  
SOURCE: Cherry Administrative Board

UNITED STATES COLD STORAGE HOLDINGS OF FROZEN TART CHERRIES (1,000 LBS)  
END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

<u>YEAR</u>	<u>JAN.</u>	<u>FEB.</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG.</u>	<u>SEPT.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>
1976	83214	64218	53636	44754	32797	27611	81682	85584	72634	65008	56275	49349
1977	42262	33343	26207	19397	15313	16528	90941	111243	93776	83767	76299	70938
1978	58621	41299	33579	25762	21631	14771	69281	86768	78358	67506	61557	57076
1979	48896	40304	30254	25572	20808	17707	55831	76161	68855	65902	59180	55264
1980	46243	39413	34618	29133	25667	21855	76929	107961	101469	93485	83771	79114
1981	70548	62040	52809	44648	37804	31925	76973	77617	71601	65934	59180	55270

SOURCE: Cold Storage Booklet, USDA

## TART CHERRIES

13.

STATE AND YEAR	PRODUCTION		UTILIZATION 1/		PRICE PER POUND			VALUE OF
	TOTAL	UTILIZED	FRESH	PROCESSED 2/	FRESH	PROCESSED	ALL	UTILIZED PRODUCTION
	MILLION POUNDS				CENTS			1,000 DOLLARS
COLO								
1979	1.7	1.7	.1	1.6	45.0	44.1	44.2	751
1980	2.0	1.8	.2	1.6	35.0	20.0	21.7	391
1981	1.6	1.6	.1	1.5	32.0	30.1	30.2	483
MICH								
1979	100.0	100.0	2.0	98.0	45.2	48.6	48.5	48,500
1980	150.0	149.0	4.0	145.0	27.7	20.2	20.4	30,396
1981	88.0	88.0	2.0	86.0	44.2	46.4	46.4	40,832
N Y								
1979	27.3	27.3	.2	27.1	41.8	46.2	46.2	12,613
1980	30.4	30.4	.1	30.3	38.3	19.0	19.1	5,806
1981	8.4	8.4	.1	8.3	51.4	45.0	45.1	3,788
OREG								
1979	3.5	3.5	.6	2.9	25.1	47.2	43.4	1,519
1980	5.0	5.0	.7	4.3	24.6	19.6	20.3	1,015
1981	5.0	5.0	.5	4.5	33.4	32.1	32.2	1,610
PA								
1979	6.3	6.3	.8	5.5	41.3	50.8	49.6	3,125
1980	5.6	5.6	.8	4.8	45.0	24.6	27.5	1,540
1981	8.0	8.0	.5	7.5	55.0	45.0	45.6	3,648
UTAH								
1979	17.0	17.0	.4	16.6	30.0	43.9	43.6	7,412
1980	13.0	12.9	.3	12.6	21.0	18.8	18.9	2,438
1981	14.0	13.6	.6	13.0	36.0	37.3	37.2	5,059
WIS								
1979	14.6	14.6	.2	14.4	30.2	45.3	45.1	6,585
1980	12.1	11.5	.2	11.3	24.4	18.5	18.6	2,139
1981	9.6	9.6	.2	9.4	42.0	44.9	44.8	4,301
U S								
1979	170.4	170.4	4.3	166.1	39.4	47.5	47.2	80,505
1980	218.1	216.2	6.3	209.9	29.5	19.9	20.2	43,725
1981	134.6	134.2	4.0	130.2	42.7	44.5	44.5	59,721

1/ DATA NOT PUBLISHED FOR SOME STATES TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.  
 2/ CANNED, FROZEN, AND OTHER PROCESSED UTILIZATION ON PAGE 32.

SOURCE: Noncitrus Fruits & Nuts Annual Summary  
 Crop Reporting Board, SRS, USDA

ACREAGE: The U.S.D.A. Crop Reporting Board estimated that 39,480 acres of blueberries were harvested in the United States in 1981. This was up 2,830 acres from the previous season. Michigan's blueberry acreage of 9,800 was 400 acres over 1980.

PRODUCTION: The U.S. utilized production of blueberries in 1981 totaled 115,850,000 pounds, which was an increase of 13 percent, or 13.6 million pounds over the previous season. Michigan's production totaled 52 million pounds for an increase of 11 million pounds over 1980, and was 16 million pounds over the crop two years ago.

THE GROWING SEASON: The weather was generally favorable in 1981 as Michigan's average yield of 5,310 lbs. of blueberries indicates. Growers experienced an unusually early arrival of warm weather in late March and early April. In April there were two severe freezes which ultimately caused damage in other fruit crops, but only resulted in minor damage to blueberries. Early May was cooler than normal and was damp with several mornings of frosts, but fortunately at that time the early varieties of blueberries were not in bloom. When the early bloom occurred the weather warmed up by an average of over 10 degrees. The balance of the growing season was excellent with the exception of a very heavy week of rainfall during the second week of June. Some heavy rain did occur in September, however by then the harvest was essentially complete.

THE HARVEST: The harvest began with a very light volume during the first week of July, then became active by the middle of the month. Peak harvest occurred during week ending August 22nd when almost six million pounds were either received by processors or were packed for fresh market distribution. The harvest remained active through the first week of September and for the greatest part was over by the middle of the month.

MARKETING: FRESH MARKET: The first sales of the season were recorded on June 26th at the Benton Harbor Fruit Market. This represented an extremely light volume, and it was not until the 6th of July that the movement of blueberries moving into the marketplace was sufficient to quote. Twelve pint flats

of Earliblues and a few Bluetta sold from \$8.75 to \$9.00, F.O.B. Southwestern shipping points with a few sales being reported as high as \$9.60. These prices held until the end of the month when increasing supplies became a concern for a few shippers and prices were lowered. This in turn forced the other shippers to lower their F.O.B. prices. The market slid even further and in the first week of August flats were \$8.00, with 10 lb bulk cartons from \$6.85 to \$7.00. The market held at this level for several weeks, except that during the 3rd week of the month a few sales were booked as low as \$7.50. This did not last long as supplies were beginning to decrease as the harvest was near completion and supplies of blueberries were not sufficient to fill the orders from buyers. As a result prices advanced to \$9.00 on the first day of September, and were up to \$9.50 by the 14th when the last report of the season was published.

PROCESSING: Michigan processors began receiving blueberries during the last week of July. The first processing report of the season published for blueberries shows receipts of 1,958,000 lbs. for the week ending August 1st. Prices paid to growers for raw product were not firmly established, but appeared to be around 41 to 42 cents for clean fruit with some mention of 45 cents. It was difficult to determine what prices were being paid by receivers as a large volume of the raw product was either being purchased on an advance price basis or was being delivered to a cooperative. The cash purchases that were reported during the season spread from 39 to 46¢ per lb on clean fruit, with some purchases of unclean fruit lower.

SHIPMENTS: Fresh market shipments of Michigan blueberries totaled 767,273 film wrapped cartons 11 pound net weight. This was 13,637 more than were shipped during the previous season, and 114,546 over the shipments two years earlier.

DATE	1981	DATE	1980	TO DATE	1979	TO DATE	1978	TO DATE
Start thru								
July 4	5	5	13	13	2	2	17	17
5-11	38	43	37	50	77	79	4	21
12-18	97	140	5	55	8	87	1	22
19	5	145	2	57	4	91	1	23
20	23	168	10	67	3	94	1	24
21	30	198	18	85	11	105	3	27
22	35	233	18	103	11	116	6	33
23	25	258	17	120	14	130	5	38
24	19	277	6	126	25	155	5	43
25	9	286	3	129	23	178	3	46
26	5	291	19	148	7	185	1	47
27	27	318	28	176	7	192	-	47
28	15	333	24	200	13	205	4	51
29	36	369	30	230	27	232	3	54
30	34	403	27	257	28	260	3	57
31	33	436	2	259	28	288	4	61
Aug. 1	15	451	7	266	27	315	4	65
2	9	460	35	301	13	328	2	67
3	13	473	19	320	6	334	3	70
4	44	517	32	352	27	361	7	77
5	45	562	21	373	30	391	9	86
6	19	581	12	385	19	410	5	91
7	17	598	12	397	21	431	8	99
8	8	606	3	400	12	443	6	105
9	3	609	10	410	17	460	2	107
10	26	635	31	441	4	464	1	108
11	26	661	24	465	37	501	8	116
12	25	686	30	495	27	528	7	123
13	26	712	38	533	34	562	6	129
14	14	726	21	554	30	592	9	138
15	2	728	5	559	9	601	2	140
16	2	730	28	587	3	604	1	141
17	15	745	9	596	1	605	1	142
18	15	760	11	607	1	606	4	146
19	15	775	20	627	9	615	5	151
20	14	789	30	657	11	626	5	156
21	10	799	17	674	7	633	1	157
22	3	802	6	680	10	643	3	160
23	2	804	21	701	6	649	2	162
24	7	811	24	725	6	655	-	162
25	7	818	20	745	4	659	1	163
26	2	820	12	757	2	661	3	166
27	2	822	13	770	4	665	2	168
28	-	822	8	778	5	670	1	169
29	1	823	1	779	3	673	2	171
30	-	823	1	780	26	699		
31	3	826	3	783	3	702		
Sept. 1	2	828	7	790	3	705		
2	2	830	5	795	2	707		
3	3	833	5	800	2	709		
4	2	835	5	805	2	711		
5	1	836	1	805	2	713		
6	-	836	4	810	2	715		
7	1	837	3	813	2	717		
8	1	838	3	816	1	718		
9	2	840	3	819				
10	1	841	1	820				
11	1	842	3	823				
12	1	843	1	824				
13	1	844	2	826				
14			2	828				
15			-	828				
16			1	829				
TOTAL	844		829		718		171	

BLUEBERRY UNLOADS IN 41 CITIES \*  
June - Nov. 1981 (10,000 lb units)  
Rail & Truck Combined

CITIES	MICHIGAN	CANADA	NEW JERSEY	NORTH CAROLINA	OTHERS	TOTAL
Albany	-	-	45	2	-	47
Baltimore-Washington	1	-	66	21	-	88
Boston	55	13	235	81	2	386
Buffalo	2	-	9	1	-	12
New York-Newark	36	2	428	84	-	550
Philadelphia	6	-	126	17	-	149
Pittsburgh	9	-	41	7	-	57
Providence	-	-	8	1	2	11
TOTAL EAST	109	15	958	214	4	1300
Chicago	57	-	34	6	7	104
Cincinnati	34	-	24	8	1	57
Cleveland	39	-	50	7	-	96
Detroit	91	-	31	14	-	136
Indianapolis	15	-	5	4	-	24
Kansas City	3	-	-	1	-	4
Louisville	3	-	1	2	-	6
Milwaukee	3	-	-	2	-	5
Minneapolis-St. Paul	63	-	36	5	-	104
St. Louis	21	-	7	5	1	34
TOTAL MIDWEST	319	-	188	54	9	570
Atlanta	8	-	7	28	13	56
Birmingham	1	-	-	-	1	2
Columbia, SC	-	-	-	1	-	1
Dallas	4	-	-	1	3	8
Fort Worth	-	-	-	-	-	-
Houston	7	-	4	1	-	12
Memphis	1	-	1	-	-	2
Miami	13	-	66	5	-	84
Nashville	2	-	8	2	-	12
New Orleans	3	-	-	1	7	11
Oklahoma	-	-	-	-	2	2
San Antonio	2	-	-	1	-	3
TOTAL SOUTH	41	-	86	40	26	193
Denver	5	-	14	-	7	26
Los Angeles	-	3	4	-	18	25
Portland	-	-	-	-	9	9
Salt Lake City	-	-	-	-	1	1
San Francisco-Oakland	-	-	-	-	50	50
Seattle-Tacoma	-	-	-	-	19	19
TOTAL WEST	5	3	18	-	104	130
TOTAL U.S.	474	18	1250	308	143	2193
Montreal, Quebec	1	25	211	6	-	243
Ottawa, Ontario	2	1	35	8	-	46
Toronto, Ontario	7	2	90	26	14	139
Vancouver, B.C.	-	8	-	-	-	8
Winnipeg, Man.	1	1	1	-	-	3
TOTAL CANADA	11	37	337	40	14	439

SOURCE: Transportation Section, Washington, D.C.

\* All figures are preliminary - Beginning Oct. 1, 1981 the following cities have discontinued reporting Albany, NY; Birmingham, AL; Cleveland, OH; Fort Worth Tx; Houston, Tx; Indianapolis, IN; Kansas City, Mo; Louisville, KY; Memphis, TN; Miami, FL; Milwaukee, WI; Minn-St. Paul; Nashville, TN; Oklahoma City, OK; Portland, OR; Providence, R.I.; Salt Lake City Ut.



ACREAGE HARVESTED, YIELD PER ACRE, PRODUCTION \*  
 PRICES AND VALUE OF MICHIGAN BLUEBERRIES 1972 - 1981

YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION	AVERAGE PRICES TO GROWERS (ALL SALES)	VALUE
	Acres	Pounds	Thousand Pounds	Dollars	Thousand Dollars
1972	8,800 1/	1,639	14,424	2/	2/
1973	9,200 1/	4,195	38,560	"	"
1974	9,850 1/	3,360	33,100	"	"
1975	8,500	3,780	32,130	"	"
1976	8,500	4,227	35,929	"	"
1977	8,000	1,475	11,800	"	"
1978	9,000	3,000	27,000	3.44	14,104
1979	9,500	3,790	36,000	4.49	16,164
1980	9,400	4,360	41,000	4.00	16,400
1981	9,800	5,310	52,000	5.11	26,572

SOURCE: Crop Reporting Board, SRS, USDA  
 Noncitrus Fruits & Nuts - 1981

\* The figures from 1972 - 1977 have been retrieved from previous annual summaries and are not SRS figures.

1/ Includes some Indiana acreage

2/ Not available

## MICHIGAN BLUEBERRY RECEIPTS

WEEKLY RECEIPTS DELIVERED TO MICHIGAN PROCESSORS OR RECEIVING STATIONS  
FRESH FRUIT BASIS PER POUND 1981 CROP

WEEK ENDING	FROZEN WEEKLY	TOTAL TO DATE FROZEN	CANNED WEEKLY	TOTAL TO DATE CANNED	TOTAL WEEKLY FROZEN & CANNED	TOTAL TO DATE FROZEN & CANNED
Start through						
Aug. 1	1,957,559	1,957,559	-	-	1,957,559	1,957,559
8	1,965,433	3,922,992	1,826,628	1,826,628	3,792,061	5,749,620
15	3,708,129	7,631,121	2,400,480	4,227,108	6,108,609	11,858,229
22	5,127,676	12,758,797	2,479,126	6,706,234	7,606,802	19,465,031
29	5,070,689	17,829,486	2,367,192	9,073,426	7,437,881	26,902,912
Sept. 5	3,251,548	21,081,034	620,106	9,693,532	3,871,654	30,774,566
12	1,698,804	22,779,838	458,398	10,151,930	2,157,202	32,931,768
19	337,282	23,117,120	82,909	10,234,839	420,191	33,351,959
26	-	27,313,078*	-	10,234,839	-	37,547,917 *
TOTAL		27,313,078		10,234,839		37,547,917

\* Revised

PAST SEASON TOTALS

YEAR	FROZEN	CANNED	COMBINED	AVERAGE PRICE
1981	27,313,078	10,234,839	37,547,917	40-45¢ 1/
1980	20,438,549	6,013,704	26,452,253	25-32¢ few higher & lower 1/
1979	19,177,165	5,936,139	25,113,304	38-42¢
1978	8,014,579	6,346,858	14,361,437	Mostly 70-75¢
1977	5,606,915	1,494,330	7,101,245	Mostly 70-72¢
1976	18,012,979	5,921,512	23,934,491	39-44¢ Mostly 40-41¢

1/ Many blueberries were purchased on an advance price basis and these are not included in the prices listed above.

## 1981 MAINE BLUEBERRY PACK

The total number of pounds of blueberries  
processed in 1981 was 25,104,101

	5 YR. AVG. 1977-1981	1978	1979	1980	1981
Lbs. Produced in Maine	18,586,644	18,052,878	17,574,589	21,190,369	21,746,368
Lbs. Produced in Can.	3,884,822	4,973,138	4,180,947	2,563,770	3,357,733
Other Areas		55,000			
TOTALS	22,492,630	23,081,016	21,755,536	23,754,139	25,104,101
Price Per Lb. at Harvest	\$0.45	\$0.51	\$0.36	\$0.38	\$0.423
Lbs. Berries Frozen	20,510,173	20,673,117	19,733,255	22,139,613	23,277,536

NOTE: Information for this report was provided to us by 11 processors and cold storage plants.

SOURCE: Maine Dept. of Agriculture, State Office Building, State House Station 28, Augusta, ME 04333

NEW JERSEY BLUEBERRY FRESH MARKET TRUCK SHIPMENTS  
 REPORTED BY PRINCIPAL GROWERS & SHIPPERS  
 IN 10,000 LB UNITS (12 PINT FLATS = 11 LBS.)

WEEK ENDING	1981	1980	1979	1978	1977	1976
June 14	-	-	-	-	2	-
21	55	26	-	-	64	76
28	198	145	68	4	110	187
July 5	244	194	165	101	137	223
12	376	292	226	67	197	293
19	337	290	267	120	160	238
26	250	242	236	157	131	148
Aug. 2	201	154	141	155	35	92
9	103	125	70	31	18	32
16	28	28	17	19	11	-
23	10	11	-	7	-	-
30	-	-	-	2	-	-
TOTAL	1802	1507	1190	663	865	1289

SOURCE: Federal-State Market News Service, Bridgeton, New Jersey

ACREAGE HARVESTED, YIELD PER ACRE, PRODUCTION  
 PRICES AND VALUE OF NEW JERSEY BLUEBERRIES 1971-81

YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION	AVERAGE PRICE TO GROWERS (ALL SALES)	VALUE
	ACRES	12 PT. TRAYS	THOUSAND TRAYS	DOLLARS	THOUSAND DOLLARS
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
1977	7,700	270	2,079	6.50	13,514
1978	7,800	260	2,028	6.94	15,482
1979	7,800	273	2,127	5.90	13,806
1980	8,100	3210 Lbs/Acre	26,000 Lbs/Acre	6.10	15,860
1981	7,800	3590 " "	28,000 " "	6.50	18,200

SOURCE: Crop Reporting Board, USDA  
 Noncitrus Fruits & Nuts 1981

## UNITED STATES COLD STORAGE HOLDINGS OF FROZEN BLUEBERRIES (1,000 LBS)

## END OF MONTH COLD STORAGE HOLDINGS WITH COMPARISON

<u>YEAR</u>	<u>JAN.</u>	<u>FEB.</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG.</u>	<u>SEPT.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>
1976	21398	17109	12377	9984	7670	6529	10553	31177	34952	31124	30529	27094
1977	23214	19449	15124	11615	8526	8688	15559	29250	33656	31431	27859	24681
1978	21802	19506	15144	11263	9329	8316	15488	32441	41112	41427	38705	35651
1979	32503	28604	25507	21487	18471	17153	18760	38240	44996	40967	38384	36196
1980	33989	28898	24410	21636	18521	15981	16876	37821	44082	38418	32956	29405
1981	25816	21811	17799	14284	11160	8028	12918	40891	38763	32553	28657	25416

SOURCE: Cold Storage Booklets  
USDA

B L U E B E R R I E S

Crop & State: AREA : YIELD : PRODUCTION : UTILIZATION : PRICE PER POUND : VALUE OF  
: HAR- : PER : : : : : UTILIZED  
: VESTED : ACRE : TOTAL : UTILIZED : FRESH : PROCESSED : FRESH : PROCESSED : ALL : PRODUCTION

	Acres	Pounds	1,000 Pounds				Cents		1,000 Dollars	
MICHIGAN	9,800	5,310	52,000	52,000	14,000	38,000	67.9	44.9	51.1	26,572
Maine	17,300	1,190	20,600	20,600	-	20,600	-	42.0	42.0	8,652
New Jersey	7,800	3,590	28,000	28,000	20,700	7,300	71.0	48.0	65.0	18,200
N. Carolina	3,200	2,230	7,150	7,150	5,880	1,270	84.6	37.0	76.1	5,441
Oregon	580	6,030	3,500	3,500	1,900	1,600	72.0	49.9	61.9	2,167
Washington	800	5,750	4,670	4,600	2,036	2,564	69.4	53.4	60.5	2,783
TOTAL	39,480	2,934	115,920	115,850	44,516	71,334	71.8	44.7	55.1	63,815

SOURCE: Crop Reporting Board, USDA  
Noncitrus Fruit & Nuts - 1981

1981 PRICE RANGE FOR SOUTHWESTERN MICHIGAN BLUEBERRIES  
 F.O.B. SHIPPING POINT PRICES FOR 12 PINT FLATS & 10 LB CARTONS

WEEK ENDING	12 PINT FLATS	10 LB BULK	5 LB BULK
July 11	8.75-9.60		
18	8.75-9.60	7.50-7.75	4.00
25	8.00-9.00	6.85-7.50	3.85-4.00
Aug. 1	8.00	6.85-7.00	3.60-4.05
8	8.00	6.85-7.00	3.60
15	8.00	6.85-6.90	
22	7.50-8.50	6.85-6.90	
29	8.30-8.50		
Sept. 5	9.00		
12	9.00		
19	9.50		

WEEKLY PRICE RANGE OF MICHIGAN BLUEBERRIES AT WHOLESALE TERMINAL MARKETS

<u>ATLANTA</u>		<u>BOSTON</u>			
WEEK ENDING	12 pint flats medium-large	WEEK ENDING	12 pint flats medium-large Per Pint	12 pint flats large Per Pint	12 pint flats medium Per Pint
Aug. 1	9.00-9.50	Aug. 8	75-88¢		
8	9.00-9.50	15	80-90¢		
		22	85-90¢		
		Sept. 5		1.20-1.35	
		12	1.10-1.15	-	1.15-1.25

<u>CHICAGO</u>		<u>CINCINNATI</u>		<u>CLEVELAND</u>	
WEEK ENDING	12 Pint Flats medium-large	WEEK ENDING	12 Pint Trays	WEEK ENDING	12 Pint Flats
July 11	10.00-11.00	July 18	10.50	July 25	7.00-10.00
18	10.00-11.00	25	9.00- 10.50	Aug. 1	9.00
25	8.00-10.00	Aug. 1	9.50- 10.00	8	8.50- 9.00
Aug. 1	8.00- 9.00	8	9.25- 9.50	15	9.00- 9.50
8	8.00- 9.00	15	9.00- 9.25	22	9.00
15	8.00- 8.50	22	8.75- 9.25	29	11.50-12.00
22	9.00- 9.50	29	9.25- 9.75		
29	10.00-12.00	Sept. 5	10.00		
Sept. 5	11.00-12.00				
12	10.00-12.00				
19	11.00-12.00				

WEEKLY PRICE RANGE OF MICHIGAN BLUEBERRIES AT WHOLESALE TERMINAL MARKETS

<u>DETROIT</u>			<u>MINNEAPOLIS</u>		
WEEK ENDING	12 Pint Flats Large	12 Pint Flats medium-large	WEEK ENDING	12 Pint Flats Large	Cartons 5 Lbs.
July 11	10.00-11.00		Aug 8	10.00-10.75	
18	9.50-11.00		15	9.75-10.50	5.50
25	10.00-11.00	9.50	22	10.75-11.50	
Aug. 1	8.50- 9.00	8.25	Sept. 5	10.70	5.60
8		8.50-9.00			
15		8.50-9.00			
22		9.75			
29		9.75			
Sept. 5		10.75			
12		10.75			
19		10.75			

<u>LOUISVILLE</u>		<u>NEW YORK CITY</u>		<u>PHILADELPHIA</u>	
WEEK ENDING	12 Pint Flats	WEEK ENDING	Per Pint	WEEK ENDING	12 Pint Flats Per Pint medium
July 11	12.00	Aug. 15	75-90¢	Aug. 15	80¢
18	11.50-12.00	22	90-1.00	22	85¢
25	12.00	29	1.25	Sept. 5	1.15
Aug. 1	11.50	Sept. 5	1.00-1.25		
8	11.00-11.50	12	1.00-1.25		
15	11.00				
22	11.00-11.50				
29	11.00				

<u>PITTSBURGH</u>		<u>S T. LOUIS</u>	
WEEK ENDING	12 Pint Flats	WEEK ENDING	12 Pint Flats
Aug. 1	9.00- 9.50	July 25	10.00-11.00
8	9.25- 9.50	Aug. 1	9.00-10.00
15	9.00-10.00	8	9.00-10.25
22	9.00-10.00	15	9.00- 9.50
29	10.00	22	9.00- 9.50
		29	10.50
		Sept. 5	11.50
		12	14.00
		19	14.00

## UTILIZED PRODUCTION AND VALUE OF NONCITRUS FRUITS AND NUTS BY KINDS UNITED STATES, 1979-81

CROP	UTILIZED PRODUCTION <sup>1/</sup>			VALUE OF UTILIZED PRODUCTION		
	1979	1980	1981	1979	1980	1981
	1,000 TONS FRESH EQUIVALENT			1,000 DOLLARS		
APPLES	4,059.1	4,405.2	3,806.3	883,384	760,997	822,332
APRICOTS	144.2	129.0	89.4	39,341	37,505	27,792
AVOCADOS	102.3	268.8	JUL 2, 1982	128,498	99,593	JUL 2, 1982
BANANAS	2.8	2.3	3.0	1,138	1,099	1,542
BUSHBERRIES	68.0	82.1	83.9	74,488	66,319	82,155
CHERRIES, SWEET	181.8	166.3	146.0	109,212	91,812	99,766
CHERRIES, TART	85.2	108.1	67.1	80,505	43,725	59,721
CRANBERRIES	123.8	134.9	133.2	66,039	89,462	88,363
DATES	21.3	22.4	23.9	10,948	14,202	14,722
FIGS	38.7	45.5	36.1	15,759	13,771	12,185
GRAPES	4,988.7	5,594.8	4,428.0	1,180,228	1,338,361	1,233,742
KIWIFRUIT <sup>2/</sup>		4.2	6.2		10,080	JUL 2, 1982
NECTARINES	172.0	191.0	182.0	33,884	44,121	41,678
OLIVES	62.0	109.0	43.0	25,296	40,112	28,896
PAPAYAS	20.5	24.5	31.6	9,515	9,979	12,531
PEACHES	1,423.4	1,482.6	1,328.9	331,282	368,598	357,757
PEARS	854.2	896.3	893.4	174,295	175,892	167,969
PINEAPPLES	681.0	657.0	650.0	69,462	76,869	81,250
POMEGRANATES	8.6	12.0	8.0	2,786	3,108	2,272
PLUMS (CALIF)	175.0	160.0	197.5	48,475	71,840	61,028
PRUNES (CALIF)	427.0	584.6	500.8	110,432	114,744	JUL 2, 1982
PRUNES AND PLUMS 4 STATES <sup>3/</sup>	62.2	78.6	63.6	12,934	14,044	8,778
TOTAL NONCITRUS FRUITS	13,701.8	15,159.2	4/12,721.9	3,407,901	3,486,233	5/3,204,479
ALMONDS <sup>6/</sup>	303.7	264.4	341.7	575,280	473,340	291,100
FILBERTS	13.0	15.4	14.8	12,369	17,734	11,665
MACADAMIA NUTS	13.3	16.7	18.0	16,769	24,174	27,720
PECANS	105.3	91.8	174.0	116,663	143,269	191,367
PISTACHIOS	8.6	13.5	7.0	27,520	55,145	17,640
WALNUTS	208.0	197.0	226.0	176,176	184,392	JUL 2, 1982
TOTAL NUTS	651.9	598.8	781.5	924,777	898,054	7/539,492

1/ IN THIS REPORT TONS REFER TO THE (2,000 LB) SHORT TON. 2/ ESTIMATES BEGINNING 1980. 3/ IDAHO, MICH, OREG AND WASH. 4/ EXCLUDES AVOCADOS. 5/ EXCLUDES AVOCADOS, KIWIFRUIT, AND CALIFORNIA PRUNES. 6/ PRODUCTION CONVERTED TO IN-SHELL EQUIVALENT TONS, USING INDUSTRY SHELLING RATIOS. 7/ EXCLUDES WALNUTS.

## FRUITS AND PLANTED NUTS BEARING AREA, UNITED STATES

YEAR	CITRUS FRUITS <sup>1/</sup>	MAJOR DECIDUOUS FRUITS <sup>2/</sup>	MINOR FRUITS <sup>3/</sup>	PLANTED NUTS <sup>4/</sup>	TOTAL
1,000 ACRES					
1979	1,136.0	1,648.4	218.3	538.5	3,541.2
1980	1,137.2	1,654.7	227.2	563.0	3,582.1
1981 <sup>5/</sup>	1,131.0	1,667.6	176.6	570.3	3,545.5

1/ GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES AND TEMPLES. ACREAGE IS FOR THE YEAR OF HARVEST. 2/ COMMERCIAL APPLES, APRICOTS, CHERRIES, GRAPES, PEACHES, PEARS, PLUMS AND PRUNES. 3/ AVOCADOS (EXCEPT 1981), BANANAS, BERRIES, DATES, FIGS, KIWIFRUIT (EXCEPT 1979), NECTARINES, OLIVES, PAPAYAS, PINEAPPLES, AND POMEGRANATES. 4/ ALMONDS, FILBERTS, MACADAMIA NUTS, PISTACHIOS AND WALNUTS. 5/ PRELIMINARY.

## UTILIZATION OF PRODUCTION OF NONCITRUS FRUITS, AND VALUE, UNITED STATES

YEAR	UTILIZED PRODUCTION	FRESH	PROCESSED					VALUE OF UTILIZED PRODUCTION	
			CANNED	DRIED	JUICE	FROZEN	WINE		OTHER
1,000 TONS								1,000 DOLLARS	
1979	13,701.8	4,371.4	2,757.7	2,044.1	1,285.0	226.0	2,713.1	304.5	3,407,901
1980	15,159.2	5,014.0	2,746.6	2,410.1	1,418.8	251.1	2,996.3	322.3	3,486,233
1981 <sup>1/ 2/</sup>	12,721.9				JUL 2, 1982				3,204,479

1/ PRELIMINARY. 2/ EXCLUDES AVOCADOS FOR PRODUCTION AND VALUE; CALIF PRUNES AND KIWIFRUIT FOR VALUE.

SOURCE: Noncitrus Fruits & Nuts Annual  
Crop Reporting Board, SRS, USDA

FRUIT PRODUCTION AND VALUE LOWER

The Nation's utilized production of the leading noncitrus fruit crops, excluding avocados, totaled 12.7 million tons (11.5 million metric tons) in 1981, 15 percent less than a year earlier. The decrease resulted largely from smaller apple, grape and peach crops. Most other crops, such as apricots, cherries, prunes and pears, also registered declines. California plums was the only major commodity with a significant increase. Small increases were also registered for bushberries, bananas, dates, kiwifruit and papayas.

The value of utilized production for the above noncitrus fruit crops totaled 3.20 billion dollars, down 2 percent from a year earlier but 1 percent above 1979.

NUT OUTPUT UP BUT VALUE DOWN

This season's U.S. nut production, at a record 782 thousand tons (709 thousand metric tons) was 31 percent higher than in 1980 and 20 percent more than the 1979 output. Almond, pecan, walnut and macadamia nut production were up from the 1980 production levels.

The value of 1981 utilized production of these edible nut crops, excluding walnuts, was 539 million dollars down 24 percent from a year earlier and 28 percent below the 1979 value.

APPLES: U.S. commercial apple production was 7.65 billion pounds (3.47 million metric tons) in 1981, 13 percent below last year's record crop and 6 percent less than the 1979 crop. Of the total production, 7.61 billion pounds were utilized, 6 percent less than last season. There were 2.73 billion pounds utilized in the East. This was down 19 percent from last year's crop, reflecting the spring freeze damage from Pennsylvania northward along the eastern seaboard. Utilized production fell 21 percent in the Central States to 1.13 billion pounds. The Western States utilized 3.76 billion pounds, 6 percent below 1980.

Washington, the leading State, produced 2.70 billion pounds, 10 percent below last year's record. Production in New York, the second ranking State, totaled 800 million pounds, off 27 percent from 1980. Michigan ranked third with 640 million pounds. The Washington crop was damaged by extremely hot late summer temperatures while Michigan and New York had spring freeze damage.

By variety, the largest percentage increase in production from 1980 was for Gravenstein--up 102 percent. Yellow Newton followed with a 11 percent increase. All other varieties declined, with the largest decline being R.I. Greening, off 35 percent from 1980.

Red Delicious increased its domination of varieties comprising 40 percent of the 1981 apple crop. Other leading varieties as a percent of production were Golden Delicious, 19 percent; McIntosh, 7 percent; Rome Beauty, 7 percent; Jonathan, 5 percent and York Imperial, 4 percent.

APRICOTS: The 1981 U.S. apricot crop was 89.4 thousand tons (81.1 thousand metric tons), 31 percent below the 1980 production and 38 percent less than 1979. California's crop was the smallest since 1943. A spring freeze plus a heat wave in June decreased production substantially.



AVOCADOS: Production of California and Florida avocados during the 1980-81 marketing year was a record 269 thousand tons (244 thousand metric tons), 163 percent higher than the small 1979-80 production.

BANANAS: The 1981 Hawaiian banana crop is placed at 6.00 million pounds (2720 metric tons), 30 percent above the previous year's storm reduced production of 4.60 million pounds.

BLUEBERRIES: Production in the six major blueberry States totaled a record 116 million pounds (52.5 thousand metric tons) in 1981, 13 percent above the 1980 crop and 25 percent more than 1979. The higher production resulted from increased acreage and improved yields in nearly all areas.

BUSHBERRIES (OTHER THAN BLUEBERRIES): Washington and Oregon produced 51.9 million pounds (23.5 thousand metric tons) in 1981, 16 percent less than in 1980.

SWEET CHERRIES: U.S. production of sweet cherries was 153 thousand tons (139 thousand metric tons) in 1981, 11 percent below the 1980 total. Of the total, 146 thousand tons were utilized, 12 percent less than a year earlier. Higher production in Montana, Oregon and Utah only partially offset the decreases in the other States. Fresh use accounted for 48 percent of the utilized production compared to 51 percent last year. Processing tonnage accounted for the remaining 52 percent, up from 49 percent in 1980.

TART CHERRIES: Tart cherry production was 135 million pounds (61.2 thousand metric tons) in 1981, a 38 percent decrease from 1980. Much of the reduction resulted from 41 percent decrease in Michigan, the leading State. Of the total production, 134 million pounds were utilized. Quantity processed totaled 130 million pounds, of which 31 percent was canned compared with 34 percent a year earlier. This year, 67 percent was frozen compared with 65 percent in 1980.

CRANBERRIES: Production of cranberries in the U.S. was 2.66 million barrels (121 thousand metric tons) in 1981, 1 percent below last year's record crop. The area harvested, at 23.2 thousand acres (9370 hectares), was virtually unchanged from 1980. Average yield fell 1.2 barrels from last year's record to an average of 115 barrels per acre. Increased production in Oregon and Washington did not offset declines in Massachusetts, New Jersey and Wisconsin.

DATES: The 1981 California date crop totaled 23.9 thousand tons (21.7 thousand metric tons), 7 percent more than the 1980 crop and 12 percent above the 1979 harvest.

FIGS: California's 1981 fig production is placed at 36.1 thousand tons (32.7 thousand metric tons), 21 percent below last year's crop.

GRAPES: The U.S. produced 4.43 million tons (4.02 million metric tons) of grapes in 1981, of which all but 600 tons were utilized. The crop was 21 percent less than last year.

SOURCE: Noncitrus Fruits & Nuts Annual  
Crop Reporting Board, SRS, USDA

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California production totaled 3.96 million tons, 23 percent less than 1980. Production of wine varieties in California at 1.79 million tons is off 11 percent from last year. Table varieties production was 405 thousand tons, off 5 percent from 1980. Production from raisin varieties totaled 1.77 million tons compared with 2.69 million tons the previous year.

Utilized production in the other States totaled 464 thousand tons, 1 percent less than in 1980. Washington's 159 thousand tons, which was up 10 percent from last year, did not offset New York's 25 thousand ton decrease from 1980.

KIWIFRUIT: Utilized production for California's kiwifruit crop was 6.20 thousand tons (5.62 thousand metric tons) which compares to 4.20 thousand tons (3.81 thousand metric tons) utilized in 1980.

NECTARINES: The California nectarine crop was 182 thousand tons (165 thousand metric tons) in 1981, 5 percent less than the record 1980 production but 6 percent more than the 1979 crop.

OLIVES: Olive production in California total 43.0 thousand tons (39.0 thousand metric tons) in 1981, 61 percent below the crop of 1980 and 31 percent below 1979 production.

PAPAYAS: Utilized production of Hawaiian papayas at 63.3 million pounds (28.7 thousand metric tons) in 1981 was 29 percent above 1980 utilization and 54 percent above 1979. The increase occurred despite a prolonged dry spell early in the year and marketing problems during late 1981 which caused the loss of some market quality fruit.

PEACHES: U.S. peach production in 1981, was 2.79 billion pounds (1.26 million metric tons) of which 2.66 billion pounds were utilized. This was 10 percent below last year's utilized total and 7 percent less than the 1979 level. The California Clingstone utilized crop totaled 1.11 billion pounds, down 20 percent from last season and down 16 percent from 1979.

Excluding California Clingstone peaches, U.S. utilized peach production was 1.55 billion pounds, off 2 percent from 1980 but up 1 percent from 1979. Utilized production increased 18 percent in South Carolina and was up 4 percent in Georgia. Decreases of 7, 18 and 38 percent were recorded in California, New Jersey and Pennsylvania respectively.

PEARS: Pear production decreased fractionally with 893 thousand tons (810 thousand metric tons) produced in 1981. Virtually the entire crop was utilized. The three Pacific Coast States produced 853 thousand tons, or 95 percent of the total. Bartlett production in the three States totaled 595 thousand tons, 3 percent less than in 1980 while other pears at 258 thousand tons were up 6 percent. Increases were recorded in Colorado, Connecticut and Utah, while Michigan, New York and Pennsylvania recorded decreases.

PINEAPPLES: The preliminary estimate for 1981 Hawaii pineapple production is 650 thousand tons (590 thousand metric tons), 1 percent below 1980 production.

POMEGRANATES: California pomegranate production in 1981 was 8.00 thousand tons (7.26 thousand metric tons), 33 percent below the bumper crop of 12.0 thousand tons (10.9 thousand metric tons) produced in 1980.

Total Production - is the quantity actually harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested because of economic or natural reasons.

Utilized Production - is the amount sold plus the quantities used at home or held in storage.

Unutilized Production - is the difference between total and utilized production which is fruit not harvested for economic or national reasons and harvested fruit not sold or utilized.

Utilization - refers to first utilization, not necessarily final utilization. For example, frozen fruit included some fruit that may be later used for making preserves. Grade-outs for fresh market fruit which are processed are included in the processing quantity. Fruit graded-out from canning or freezing and utilized for juice is included with juice.

Apples, Commercial Crop - orchards of 100 or more bearing age trees.

Prices - is a season average for all methods of sale. For a crop sold for both fresh market and processing, the season average price is a weighted average of the fresh and processing prices.

Prices for fresh fruit, except as noted below, are the average prices producers receive at the point of first sale. This is commonly referred to as the average price as sold. Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit is sold f.o.b. packed by growers, part is sold as bulk fruit at the packinghouse door, and some is sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

Prices for fruit sold for processing are equivalent returns for fruit delivered to the processing plant door.

Exceptions to the above definitions are:

(1) Fresh fruit sales in Washington and Oregon are equivalent returns at packinghouse door. The equivalent packinghouse returns represent adjusted prices. F.o.b. packed prices are adjusted down to an equivalent incoming packinghouse door price by subtracting all costs that accumulate between the incoming packinghouse door and the f.o.b. price. These costs include grading, packing, inspecting fees, selling, and other costs.

(2) Fresh prices shown for California represent returns at the first delivery point by the producer. The first delivery point price is defined as the price received by growers for fruit delivered at the local market, packinghouse, receiving shed, or any other first delivery point.

Value estimates in this report cover the marketing season or crop year or years and should not be confused with cash receipts from these crops for a single calendar year. The season average price for each State is applied to utilized production to compute value of production. The average price shown for the United States is obtained by dividing the U.S. value of production by the quantity utilized.

FRUIT (NONCITRUS): MARKETING SEASONS FOR SPECIFIED CROPS

Apples:	All South Atlantic States, Kentucky, Tennessee, Indiana, Illinois, Missouri, Arkansas, New Mexico, and California, June 1 to May 31; all other States, July 1 to June 30, except Washington and Oregon where the bulk of the crop is marketed August 1 to July 31.
Apricots:	<u>Fresh fruit</u> -- May 25 to August 20. <u>Canning</u> -- June 15 to August 15. <u>Dried</u> -- California, June 20 to August 20.
Avocados:	California -- November 1 to November 30 (following year). Florida -- June 20 to Feb 28.
Bananas:	January 1 to December 31.
Blueberries:	May 20 to September 30.
Berries, Misc.:	Oregon and Washington, May 1 to November 30.
Cherries:	<u>Fresh fruit</u> -- Sweet varieties, May 1 to August 15; Tart varieties, June 15 to August 20.
Cranberries:	September 5 to December 20.
Dates:	August 15 to March 15.
Figs:	<u>Fresh fruit</u> -- June 5 to October 15. <u>Canning</u> -- August 1 to October 15. <u>Dried</u> -- California, June 20 to October 31.
Grapes:	<u>Fresh fruit</u> -- California, May 25 to April 30; Arizona, June 5 to July 15; All other States, July 10 to October 31.  <u>Crushed for juice, wine and brandy</u> -- August 1 to December 15. <u>Dried for raisins</u> -- California, September 1 to May 30.
Nectarines:	June 10 to August 31.
Olives:	September 25 to March 15.
Papayas:	January 1 to December 31. (Peak harvest May 15 to July 15 and September 15 to December 15).