



Michigan Agricultural Statistics Service
Michigan Department of Agriculture

Michigan 2003-2004 Highlights



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Introduction

The "Michigan 2003-2004 Highlights" contains a summary of information included in the complete "Michigan Agricultural Statistics 2003-2004" publication. State budget constraints limited the number of copies printed. The entire publication, including the Michigan Department of Agriculture 2003 Annual Report, can be viewed and printed from the MAS home page at www.nass.usda.gov/mi under "Releases and Publications."

Number of farms and land in farms, 2002-2003

Item	Unit	2002	2003
Farms	1,000 farms	53.3	53.3
Land in farms	Million acres	10.1	10.1
Average size of farms	Acres	189	189

Farm real estate: Values and cash rents, 2003-2004

Item	Unit	2003	2004
Farm real estate average value per acre	Dollars	2,680	2,920
Cropland average value per acre	Dollars	2,350	2,550
Cropland average cash rent per acre	Dollars	60	62

Growing Season Weather Summary

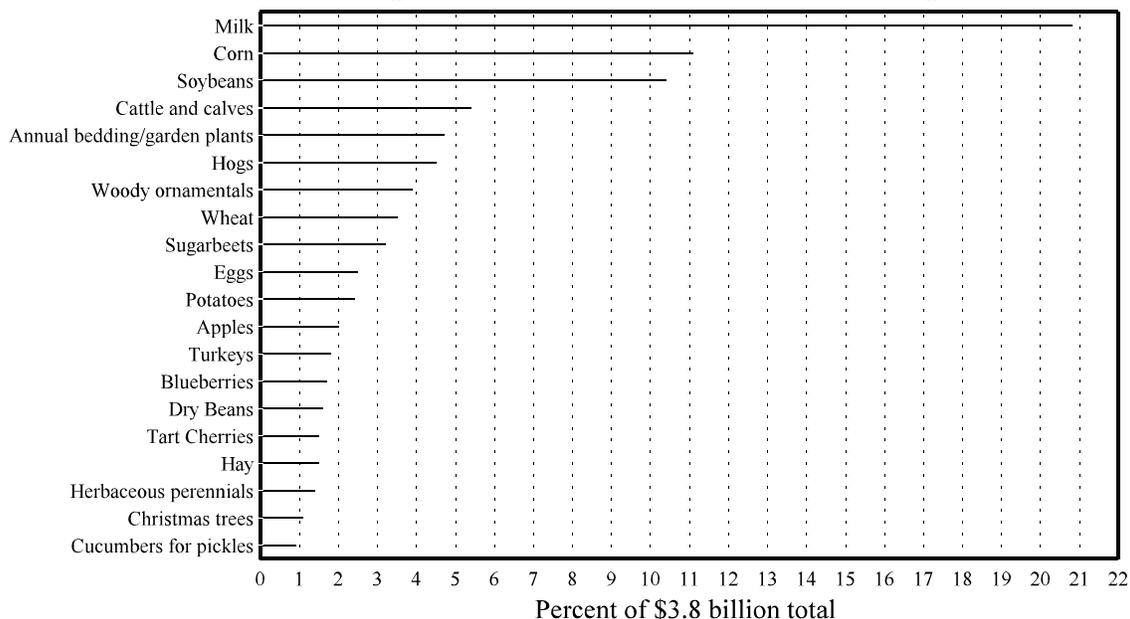
Dr. Jeff Andresen, Michigan State University

The 2003 growing season will be remembered meteorologically for persistently cool temperatures, delayed crop development, and abnormal dryness during the latter half of the season. Soil moisture at the beginning of the season was below normal levels in most areas of the State due to drier than normal conditions during the preceding winter, but still sufficient for planting and early crop establishment. Relatively dry, warm conditions allowed fieldwork to commence by mid-April and continue into May, with significant progress in summer crop planting in many areas. In early May, however, a persistent wet and cool weather pattern began which led to major fieldwork and planting delays that continued into early June.

The month of June averaged out among the coolest observed in Michigan since the infamous 1992 "year without a summer." Crop growth and development lagged well behind normal, with nitrogen deficiencies and weed problems also common due to the abnormally cool and wet soils. By mid July, warmer than normal temperatures returned and continued into late August. Precipitation totals, which had been much above normal during May into early June, dropped off to below normal levels by late June and continued into September over most of the State.

Temperatures during September averaged above normal over almost all of the State. The first killing freeze of the season (along with snow in some areas) ended the growing season for the majority of the State during the first few days of October, which was near to or earlier than normal in most spots. For the 5-month May to September period, mean temperatures and growing degree day accumulations were generally well below normal statewide. The seasonal precipitation totals were highly variable, ranging from much above normal in some southern sections to much below normal in central and northern sections of the State.

Top 20 Commodities in Cash Receipts, 2003



Michigan commodities ranked first in U.S. agriculture, 2003

Item	Unit	Quantity	Percent of U.S.
		<i>1,000</i>	<i>Percent</i>
Beans, dry, black	Cwt	680	53.8
Beans, dry, cranberry	Cwt	142	74.7
Beans, dry, small red	Cwt	280	48.2
Blueberries	Pounds	62,000	32.8
Cherries, tart	Pounds	154,000	68.0
Cucumbers (for pickles)	Tons	180.9	27.9
Flowering hanging baskets	Number	4,781	12.2
Geraniums (seed and cuttings)	Pots	18,423	19.1
Grapes, Niagara	Tons	27.0	37.7
Impatiens	Flats	2,383	17.3
Petunias	Flats	1,641	14.2

Cash receipts by commodity groups and selected commodities 1999-2003 ¹

Item	1999	2000	2001	2002	2003
	<i>1,000 dollars</i>				
Total cash receipts	3,468,953	3,322,484	3,514,867	3,464,912	3,820,824
Total livestock and products	1,334,222	1,339,468	1,498,038	1,289,953	1,399,301
Meat animals	387,946	458,683	442,850	371,705	385,053
Cattle and calves	235,830	255,892	227,930	204,587	207,722
Hogs	149,937	200,485	212,599	164,324	173,671
Sheep and lambs	2,179	2,306	2,321	2,794	3,660
Dairy (milk)	801,420	729,495	883,120	733,260	793,800
Poultry and eggs	97,214	104,230	124,843	133,282	169,734
Eggs	53,655	56,464	61,063	63,237	93,762
Turkeys	35,092	40,460	56,700	62,832	68,760
Other	8,467	7,306	7,080	7,213	7,212
Miscellaneous livestock	47,642	47,060	47,225	51,706	50,714
Honey	4,095	3,240	3,694	7,762	7,071
Mink pelts	1,339	1,719	1,445	1,809	1,744
Trout	1,113	1,037	823	663	346
Other	41,095	41,064	41,263	41,472	41,553
Total crops	2,134,731	1,983,016	2,016,829	2,174,959	2,421,523
Field crops	1,012,478	937,592	941,341	1,084,585	1,207,678
Corn	328,897	295,917	346,105	381,547	425,211
Dry beans	135,567	75,340	24,669	50,068	60,274
Hay	35,272	45,379	56,232	51,871	56,642
Soybeans	311,866	324,092	292,548	363,489	397,513
Sugarbeets	115,915	106,514	112,056	122,393	122,393
Wheat	70,789	77,613	98,841	102,938	133,686
Other	14,172	12,737	10,890	12,279	11,959
Vegetables	316,386	327,279	324,975	350,635	361,150
Asparagus	18,822	18,075	12,516	11,703	19,278
Beans, snap	19,493	16,778	15,614	16,321	11,208
Carrots	16,717	19,292	25,358	19,934	21,907
Celery	11,005	13,421	12,650	14,441	17,641
Corn, sweet	13,282	13,430	11,880	16,800	14,193
Cucumbers, fresh	22,506	25,192	24,200	20,520	20,890
Cucumbers, pickles	26,076	38,700	30,843	30,153	36,180
Onions	8,866	9,127	8,124	9,851	12,562
Peppers, green, fresh	9,600	10,395	8,008	9,600	9,900
Potatoes	82,258	87,362	91,478	93,143	90,145
Pumpkins	NA	8,448	6,336	13,056	14,308
Squash	NA	9,333	15,254	22,365	15,314
Tomatoes, fresh	16,549	18,115	13,230	12,810	16,456
Tomatoes, processing	7,308	6,804	8,432	10,458	10,408
Other	63,904	32,807	41,052	49,480	50,760
Fruit	246,377	238,523	214,682	155,110	250,457
Apples	98,551	91,304	78,217	67,091	74,927
Blueberries	54,660	55,140	49,840	52,240	63,120
Grapes	21,083	24,156	10,110	14,757	24,800
Peaches	5,440	11,340	12,503	4,452	7,790
Strawberries	6,412	6,145	4,682	5,228	6,320
Sweet cherries	14,149	10,290	11,092	2,222	11,662
Tart cherries	42,134	36,370	44,412	7,192	57,938
Other	3,948	3,778	3,826	1,928	3,900
Miscellaneous crops	16,551	17,670	20,086	21,851	22,274
Floriculture and nursery	542,939	461,952	515,745	562,778	579,964

¹ Source: U.S. Department of Agriculture, Economic Research Service.

Crop acreage, production, price, and value, 2002-2003

Crop	Unit	2002				2003			
		Harvested	Production	Price	Value of production	Harvested	Production	Price	Value of production
		<i>1,000 acres</i>	<i>1,000</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>1,000 acres</i>	<i>1,000</i>	<i>Dollars</i>	<i>Million dollars</i>
Field and misc. crops		6,386	NA	NA	1,740.0	6,483	NA	NA	1,770.4
Corn for grain	Bushels	2,000	234,000	2.34	547.6	2,090	263,340	2.40	632.0
All hay	Tons	1,100	3,551	84.50	297.8	1,050	3,120	89.00	288.4
Soybeans	Bushels	2,040	78,540	5.62	441.4	1,990	53,730	7.20	386.9
All dry beans	Cwt	265	4,903	15.30	75.0	165	2,475	18.60	46.0
All wheat	Bushels	440	29,480	3.28	96.7	660	44,880	3.30	148.1
All potatoes	Cwt	45.5	13,878	7.80	108.2	45.5	15,015	7.05	105.9
Sugarbeets	Tons	177	3,204	38.20	122.4	178	3,400	(¹)	(¹)
Oats	Bushels	65	4,160	1.80	7.5	75	5,250	1.60	8.4
Barley	Bushels	13	663	1.60	1.1	14	784	1.70	1.3
Maple syrup ²	Gallons	320	75	32.50	2.1	360	59	31.20	1.8
Peppermint	Pounds	1.0	50	10.00	0.5	1.1	44	11.00	0.5
Spearmint	Pounds	1.7	85	9.00	0.8	1.6	64	9.50	0.6
Fruits and nuts		116	NA	NA	150.7	111	NA	NA	268.8
Vegetables		120	NA	NA	213.6	117	NA	NA	226.8
Principal crops		6,622	NA	NA	2,104.3	6,711	NA	NA	2,266.1

¹ The 2003 price and value will be published in "Crop Values" February 2005.

² Harvested taps.

Fruit Summary

Fruit	Bearing acres		Total production	
	2002	2003	2002	2003
	<i>Acres</i>	<i>Acres</i>	<i>Million pounds</i>	<i>Million pounds</i>
Apples	43,500	40,000	520.0	840.0
Tart cherries	27,500	27,000	15.0	154.0
Peaches	5,000	5,000	14.0	47.0
Blueberries ¹	16,900	15,900	64.0	62.0
Strawberries ¹	1,200	1,200	5.6	6.3
	<i>Acres</i>	<i>Acres</i>	<i>Thousand tons</i>	<i>Thousand tons</i>
Sweet cherries	8,100	8,100	2.7	13.0
Grapes	12,300	12,600	42.7	94.5
Pears	850	800	1.4	4.8
Plums	800	800	0.25	3.60

¹ Harvested acres.

Vegetable Summary

Item	Harvested		Production	
	2002	2003	2002	2003
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Fresh market				
Asparagus ¹	15,000	15,000	219	317
Beans, snap	3,900	4,000	176	160
Cabbage	1,800	1,800	540	576
Carrots	4,000	4,200	1,320	1,470
Celery ¹	2,100	2,200	987	1,166
Corn, sweet	10,000	9,500	800	855
Cucumbers	6,000	6,400	1,140	1,024
Onions	3,900	3,600	897	1,152
Peppers, bell ¹	1,600	1,800	400	450
Pumpkins ¹	6,800	7,300	816	1,022
Squash ¹	6,800	6,200	1,564	1,178
Tomatoes	2,000	2,200	420	484
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Processing				
Beans, snap	16,000	14,300	60,030	45,010
Carrots	1,800	1,600	41,400	38,400
Cucumbers	34,500	33,500	158,700	180,900
Tomatoes	3,600	3,300	126,000	125,400

¹ Dual purpose crops. Processing included in fresh market.

² Estimates discontinued in 2002.

Horticulture

Michigan placed third nationally in value of wholesale sales of floriculture products in 2003, behind California and Florida. Reports from Michigan's 742 commercial growers showed an estimated wholesale value of \$342 million, up 5 percent from last year.

The leading crop categories for Michigan were:
 First, annual bedding/garden plants with \$178 million in sales.
 Second, herbaceous perennial plants with \$52 million in sales.
 Third, propagative materials with \$48 million in sales.
 Fourth, potted flowering plants with \$33 million in sales.

Cattle inventory, January 1, 2003-2004

Class	2003	2004
	<i>1,000 head</i>	<i>1,000 head</i>
All cattle and calves	990	1,030
Cows	390	385
Beef	89	85
Milk	301	300
Replacement heifers	212	211
Beef	35	30
Milk	135	130
Other	42	51
Steers 500 pounds and over	195	215
Bulls 500 pounds and over	18	19
Calves under 500 pounds	175	200
Cattle on feed	180	210

Hogs and pigs: Inventory, production, and value, 2002-2003

Item	Unit	2002	2003
December 1 inventory	1,000 head	870	950
Production ¹	1,000 pounds	499,504	478,977
Marketings ²	1,000 pounds	517,700	484,225
Value of production	1,000 dollars	153,600	165,113

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

Sheep inventory, January 1, 2003-2004

Class	2003	2004
	<i>1,000 head</i>	<i>1,000 head</i>
All sheep and lambs	85	83
Breeding sheep and lambs	64	59
Ewes	47	43
Rams	3	3
Replacement lambs	14	13
Total market sheep and lambs	21	24
Previous year's lamb crop	60	60

Trout

Michigan's 18 commercial trout operations sold \$346,000 worth of trout in 2003. This was a decrease of 48 percent from last season. Sales of food-size trout (12 inches or longer) were valued at \$297,000.

Honey

Honey production in Michigan during 2003 totaled 4.8 million pounds, down 13 percent from 2002. This estimate included honey from producers with 5 or more colonies. There were 65,000 colonies in production during 2003, down 7,000 colonies from 2002.

Michigan Poultry Production and Value, 2002-2003

Item	Unit	2002	2003	Percent change
Eggs, all				
Eggs produced	Millions	1,880	1,891	1
Price/dozen	Dollars	0.403	0.595	48
Value of production	1,000 dollars	63,237	93,762	48
Chickens				
Birds lost	Thousands	467	2,063	342
Birds sold	Thousands	3,849	3,464	-10
Pounds sold	Thousands	13,472	11,778	-13
Price/pound	Dollars	0.001	0.001	0
Value of sales	1,000 dollars	13	12	-8
Turkeys				
Number raised	Thousands	4,800	5,000	4
Pounds produced	Thousands	179,520	191,000	6
Price/pound	Dollars	0.350	0.360	3
Value of production	1,000 dollars	62,832	68,760	9
Total value	1,000 dollars	126,082	162,534	29

Milk: Production, utilization, marketings, and value, 2002-2003

Item	Unit	2002	2003
Production			
Total milk produced on farms	Million pounds	6,120	6,360
Milkfat produced	Million pounds	221.5	230.2
Milkfat	Percent	3.62	3.62
Utilization			
Milk used where produced			
Fed to calves	Million pounds	55	55
Used for milk, cream, and butter	Million pounds	5	5
Milk marketed by producers			
Average return per 100 pounds of milk	Dollars	12.10	12.60
Average return per pound milkfat	Dollars	3.34	3.48
Fluid grade	Percent	99	99
Total cash receipts	1,000 dollars	733,260	793,800
Value			
Value of milk used where produced ¹	1,000 dollars	7,260	7,560
Total value of milk produced	1,000 dollars	740,520	801,360

¹ Includes value of milk fed to calves and milk used by farm households.