



Agriculture Across Michigan

September 1 Crop Forecast

August weather was favorable for Michigan corn and soybeans. This report is based on conditions as of September 1, 2018. Some highlights of the Crop Production Report follow:

- The average corn yield in Michigan is expected to be 165 bushels per acre, up 6 bushels from 2017, and up 7 bushels from the August 1 forecast. If realized, this will be a new record yield.
- For soybeans, a yield of 49 bushels per acre is expected, up 6.5 bushels from last year, and up 3 bushels from last month's estimate.
- Sugarbeet producers expect a yield of 30.4 tons per acre, up 0.4 tons from last month, and up 5.2 tons per acre from 2017.
- Nationally, corn production is forecast at 14.8 billion bushels, up 2 percent from August and up 2 percent from last year. Based on conditions as of September 1, yields are expected to average 181.3 bushels per acre, up 2.9 bushels from the August forecast and up 4.7 bushels from 2017. If realized, this will be the highest yield on record for the United States. Area harvested for grain is forecast at 81.8 million acres, unchanged from the August forecast, but down 1 percent from 2017.
- U.S. soybean production is forecast at a record 4.69 billion bushels, up 2 percent from August and up 7 percent from last year. Based on September 1 conditions, yields are expected to average a record high 52.8 bushels per acre, up 1.2 bushels from last month and up 3.7 bushels from last year. Area for harvest in the United States is forecast at 88.9 million acres, unchanged from August but down 1 percent from 2017.
- National production of sugarbeets for the 2018 crop year is forecast at 36.0 million tons, up 2 percent from last year. Producers expect to harvest 1.10 million acres, down 2 percent from last year. Expected yield is forecast at 32.8 tons per acre, an increase of 1.1 tons from last year.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2016 - 2018

Commodity	Michigan			United States		
	2016	2017	2018	2016	2017	2018
Corn, all						
Planted 1,000 acres	2,400	2,250	2,300	94,004	90,167	89,128
Corn, grain						
Harvested 1,000 acres	2,040	1,890	1,850	86,748	82,703	81,770
Yield Bushels	157.0	159.0	165.0	174.6	176.6	181.3
Production 1,000 bu	320,280	300,510	305,250	15,148,038	14,604,067	14,826,690
Soybeans						
Planted 1,000 acres	2,070	2,280	2,300	83,433	90,142	89,557
Harvested 1,000 acres	2,060	2,270	2,290	82,696	89,522	88,862
Yield Bushels	50.5	42.5	49.0	52.0	49.1	52.8
Production 1,000 bu	104,030	96,475	112,210	4,296,086	4,391,553	4,693,135
Sugarbeets						
Planted 1,000 acres	151.0	144.0	150.0	1,163.4	1,131.2	1,124.4
Harvested 1,000 acres	149.0	143.0	148.3	1,126.4	1,114.1	1,096.4
Yield Tons	30.8	25.2	30.4	32.8	31.7	32.8
Production 1,000 tons	4,589	3,604	4,508	36,920	35,325	35,999

July Agricultural Prices

Prices received by Michigan farmers for the full month of July 2018 are listed in the table below. Some Michigan highlights were: July corn, at \$3.71 per bushel, decreased \$0.03 from June and increased \$0.09 from last year; July soybeans, at \$9.56 per bushel, decreased \$0.28 from last month and decreased \$0.05 from last year; July wheat, at \$4.98 per bushel, decreased \$0.08 from June and increased \$0.22 from last year; July milk, at \$14.20 per cwt., decreased \$0.60 from last month and decreased \$1.80 from last year.

The July Prices Received Index (Agricultural Production), at 91.5, decreased 3.8 percent from June 2018. At 86.8, the Crop Production Index decreased 3.9 percent.

The Livestock Production Index, at 95.4, decreased 3.1 percent. Producers received lower prices for milk, broilers, grapes, and cattle but higher prices for lemons, market eggs, strawberries, and onions. Compared with a year earlier, the Prices Received Index is down 4.3 percent. The Crop Production Index decreased 0.1 percent and the Livestock Production Index 8.2 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Decreased monthly movement of milk, oranges, cattle, and broilers offset the increased marketing of grapes, wheat, hay, and cotton. The Food Commodities Index, at 94.9, decreased 4.0 percent from the previous month and 6.0 percent from July 2017.

Prices Received by Farmers¹, July 2018

Commodity	Michigan			United States		
	Jul 2017	Jun 2018	Jul 2018	Jul 2017	Jun 2018	Jul 2018
Beans, dry edible dollars/cwt	34.20	32.00	32.00	30.30	23.40	25.40
Corn dollars/bu	3.62	3.74	3.71	3.49	3.58	3.47
Hay, alfalfa dollars/ton	140.00	130.00	145.00	153.00	181.00	179.00
Hay, other dollars/ton	105.00	110.00	115.00	120.00	121.00	126.00
Oats dollars/bu	3.35	3.27	3.29	2.33	3.04	2.61
Soybeans dollars/bu	9.61	9.84	9.56	9.42	9.55	9.10
Wheat, winter dollars/bu	4.76	5.06	4.98	4.56	5.05	4.92
Milk, all dollars/cwt	16.00	14.80	14.20	17.20	16.30	15.40

¹ Entire month weighted average price.

Red Meat Production

Commercial red meat production in Michigan totaled 81.7 million pounds in July 2018, up 41.5 million pounds from July 2017.

Commercial red meat production for the United States totaled 4.24 billion pounds in July, up 6 percent from the 3.99 billion pounds produced in July 2017.

Beef production, at 2.23 billion pounds, was 6 percent above the previous year. Cattle slaughter totaled 2.77 million head, up 6 percent from July 2017. The average live weight was down 3 pounds from the previous year, at 1,330 pounds.

Veal production totaled 6.1 million pounds, 8 percent above July a year ago. Calf slaughter totaled 47,800 head, up 22 percent from July 2017. The average live weight was down 27 pounds from last year, at 223 pounds.

Pork production totaled 1.99 billion pounds, up 6 percent from the previous year. Hog slaughter totaled 9.60 million head, up 6 percent from July 2017. The average live weight was unchanged from the previous year, at 277 pounds.

Lamb and mutton production, at 12.1 million pounds, was up 10 percent from July 2017. Sheep slaughter totaled 178,900 head, 7 percent above last year. The average live weight was 135 pounds, up 3 pounds from July a year ago.

January to July 2018 commercial red meat production was 30.5 billion pounds, up 4 percent from 2017. Accumulated beef production was up 4 percent from last year, veal was up 1 percent, pork was up 4 percent from last year, and lamb and mutton production was up 6 percent.

Poultry

All layers in Michigan totaled 15.2 million during July, up 6 percent from a year ago. Egg production totaled 381 million eggs, up 6 percent from last year. The rate of lay during July was 2,504 eggs per 100 layers. All layers in the

U.S. totaled 385.0 million during July, up 3 percent from a year ago. There were 25.4 million turkey poults hatched in the U.S. in July, up 3 percent from the previous year.

Egg and Hatchery Production, July 2018

Item		2017	2018	Percent Change
Michigan				
All layers	Thousand	14,335	15,201	6
Eggs per hundred layers	Number	2,514	2,504	0
Eggs produced	Million	360	381	6
U.S.				
All Layers	Thousand	372,632	385,034	3
Eggs per hundred layers	Number	2,403	2,364	-2
Eggs produced	Million	8,953	9,104	2
Turkey Eggs in incubators, Aug 1	Thousand	29,823	28,722	-4
Turkey Poults hatched, Jul	Thousand	24,691	25,394	3

July Milk Production

Dairy herds in Michigan produced 954 million pounds of milk during July, down 0.9 percent from a year ago. The daily rate per cow was 72.7 pounds, unchanged from July 2017. The dairy herd was estimated at 423,000 head for

July, down 4,000 head from a year earlier. The average price of milk sold in July by Michigan dairy producers was \$14.20 per cwt., \$1.80 less than the price in July 2017.

Michigan Dairy Summary, July 2018

Item		2016	2017	2018
Cows	1,000 Hd	420	427	423
Milk per cow	Lb/day	71.6	72.7	72.7
Production	Mil lbs	932	963	954
Milk price, all	Dol/cwt	14.80	16.00	14.20
Fat test	Pct	3.53	3.59	3.50
Protein ¹	Pct	2.99	3.02	2.99

¹ FMO 33

Michigan Asparagus 2018

Michigan's asparagus production totaled 238,000 hundredweight (cwt) in 2018, down 2.0 percent from the previous year. The area harvested for fresh market and processing was 8,500 acres, down 500 acres from 2017. Yield, at 28 cwt per acre, was up 1 cwt per acre from the previous year. Total value of Michigan's asparagus production was \$20.8 million, up slightly from 2017.

At the U.S. level, production of the 2018 asparagus crop was 756,500 cwt, up 13 percent from 2017. Area harvested, at 20,700 acres, is down 11 percent from last year. Fresh production, at 603,800 cwt, is up 16 percent from 2017. Processed production, at 7,264 tons, is down 3 percent from last year.

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Thank You to our Data Providers
The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!