



Agriculture Across Michigan

September 1 Crop Forecast

Rainfall throughout August improved soil moisture levels and high humidity allowed crops to recover from recent dry weather. This report is based on conditions as of September 1, 2016. Some highlights of the Crop Production Report are as follows:

- The average corn yield in Michigan is expected to be 157 bushels per acre, down 5 bushels from 2015, but up 5 bushels from the August 1 forecast.
- For soybeans, a yield of 47 bushels per acre is expected, down 2 bushels from last year's record high, but a 2 bushel increase from last month's estimate.
- Sugarbeet producers expect a yield of 31.0 tons per acre, unchanged from last month, but down 0.7 tons per acre from 2014.
- Nationally, corn production is forecast at 15.1 billion bushels, up 11 percent from last year but down less than 1 percent from the August forecast. Based on conditions as of September 1, yields are expected to average 174.4 bushels per acre, down 0.7 bushel from the August forecast but up 6 bushels from 2015. If realized, this will

be the highest yield and production on record for the United States. Area harvested for grain is forecast at 86.6 million acres, unchanged from the August forecast but up 7 percent from 2015.

- U.S. soybean production is forecast at a record 4.20 billion bushels, up 3 percent from August and up 7 percent from last year. Based on September 1 conditions, yields are expected to average a record 50.6 bushels per acre, up 1.7 bushels from last month and up 2.6 bushels from last year. Area for harvest in the United States is forecast at a record 83.0 million acres, unchanged from August but up 1 percent from last year.
- National production of sugarbeets for the 2016 crop year in the ten major producing states is forecast at 35.8 million tons, down 1 percent from the previous forecast but up 1 percent from last year. Producers expect to harvest 1.14 million acres, down slightly from the previous forecast and last year. Expected yield is forecast at 31.3 tons per acre, a decrease of 0.1 tons from the previous forecast, but an increase of 0.4 tons from last year.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2014 - 2016

Commodity	Michigan			United States		
	2014	2015	2016	2014	2015	2016
Corn, all						
Planted 1,000 acres	2,550	2,350	2,500	90,597	87,999	94,148
Corn, grain						
Harvested 1,000 acres	2,210	2,070	2,160	83,136	80,749	86,550
Yield Bushels	161.0	162.0	157.0	171.0	168.4	174.4
Production 1,000 bu	355,810	335,340	339,120	14,215,532	13,601,198	15,092,908
Soybeans						
Planted 1,000 acres	2,050	2,030	2,150	83,276	82,650	83,688
Harvested 1,000 acres	2,040	2,020	2,140	82,591	81,814	83,037
Yield Bushels	42.5	49.0	47.0	47.5	48.0	50.6
Production 1,000 bu	86,700	98,980	100,580	3,927,090	3,929,160	4,200,985
Sugarbeets						
Planted 1,000 acres	151.0	152.0	149.0	1,162.5	1,159.8	1,161.7
Harvested 1,000 acres	150.0	151.0	148.0	1,146.3	1,145.4	1,144.0
Yield Tons	29.3	31.7	31.0	27.3	30.9	31.3
Production 1,000 tons	4,395	4,787	4,588	31,285	35,359	35,810

July Agricultural Prices

Prices received by Michigan farmers for the full month of July 2016 are listed in the table below. Some Michigan highlights were: July corn, at \$3.77 per bushel, decreased \$0.18 from June and decreased \$0.11 from last year; July soybeans, at \$10.30 per bushel, decreased \$0.20 from last month and increased \$0.10 from last year; July wheat, at \$4.33 per bushel, decreased \$0.63 from June and decreased \$1.39 from last year; July milk, at \$14.80 per cwt., increased \$1.10 from last month, and decreased \$1.10 from last year.

The July Prices Received Index (Agricultural Production), at 89.9, decreased 3.7 percent from June 2016. At 82.9, the Crop Production Index decreased 5.0 percent. The Livestock Production Index, at 96.3, decreased 1.9

percent. Producers received lower prices for cattle, broilers, corn, and wheat but higher prices for milk, market eggs, peaches, and cantaloupes. Compared with a year earlier, the Prices Received Index is down 10 percent, the Crop Production Index decreased 4.2 percent and the Livestock Production Index is down 16 percent. In addition to prices, the indexes are influenced by the monthly mix of commodities producers market. Increased monthly movement of wheat, grapes, hay, and cotton offset the decreased marketing of milk, cattle, oranges, and hogs. The Food Commodities Index, at 93.7, decreased 3.8 percent from the previous month and is down 12 percent from July 2015.

Prices Received by Farmers¹, July 2016

Commodity	Michigan			United States		
	Jul 2015	Jun 2016	Jul 2016	Jul 2015	Jun 2016	Jul 2016
Beans, dry edible dollars/cwt	(D)	30.00	31.20	27.50	29.80	31.90
Corn dollars/bu	3.88	3.95	3.77	3.80	3.82	3.60
Hay, alfalfa dollars/ton	150.00	115.00	140.00	172.00	142.00	140.00
Hay, other dollars/ton	140.00	100.00	100.00	120.00	116.00	113.00
Oats dollars/bu	2.66	(D)	2.21	2.33	1.98	1.89
Potatoes dollars/cwt	(S)	(D)	(S)	8.62	9.83	9.23
Soybeans dollars/bu	10.20	10.50	10.30	9.95	10.20	10.20
Wheat, winter dollars/bu	5.72	4.96	4.33	5.15	3.97	3.56
Milk, all dollars/cwt	15.90	13.70	14.80	16.70	14.80	16.10
Milk cow replacements ² dollars/head	2,100.00		1,750.00	2,030.00		1,730.00

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

¹ Entire month weighted average price.

² Quarterly weighted average price for the months May to July

Red Meat Production

Commercial red meat production in Michigan totaled 38.0 million pounds in July 2016, down 1.9 million pounds from July 2015.

Commercial red meat production for the United States totaled 3.87 billion pounds in July, down 4 percent from the 4.04 billion pounds produced in July 2015.

Beef production, at 2.02 billion pounds, was 1 percent below the previous year. Cattle slaughter totaled 2.48 million head, down 1 percent from July 2015. The average live weight was down 1 pound from the previous year, at 1,345 pounds.

Veal production totaled 5.6 million pounds, 19 percent below July a year ago. Calf slaughter totaled 37,700 head, up 3 percent from July 2015. The average live weight was down 65 pounds from last year, at 257 pounds.

Pork production totaled 1.82 billion pounds, down 8 percent from the previous year. Hog slaughter totaled 8.76 million head, down 7 percent from July 2015. The average live weight was down 2 pounds from the previous year, at 278 pounds.

Lamb and mutton production, at 11.4 million pounds, was down 12 percent from July 2015. Sheep slaughter totaled 170,100 head, 10 percent below last year. The average live weight was 134 pounds, down 4 pounds from July a year ago.

January to July 2016 commercial red meat production was 28.3 billion pounds, up 2 percent from 2015. Accumulated beef production was up 4 percent from last year, veal was down 9 percent, pork was down slightly from last year, and lamb and mutton production was down 1 percent.

Poultry

All layers in Michigan totaled 13.1 million during July, virtually unchanged from a year ago. Egg production totaled 326 million eggs, up 3 percent from last year. The rate of lay during July was 2,498 eggs per 100 layers. On August 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there

were 7.2 million egg-type eggs in incubators, down 2 percent from a year earlier. In the same region, there were 14.8 million broiler-type eggs in incubators, up 6 percent from the previous year. There were 24.8 million turkey poult hatched in the U.S. in July, up 8 percent from the previous year.

Egg and Hatchery Production, July 2016

Item	Unit	2015	2016	Percent Change
Michigan				
All layers	Thou	13,069	13,052	0
Eggs per hundred layers	Num	2,433	2,498	3
Eggs produced	Mil	318	326	3
East North Central Region				
Eggs in incubators, Aug 1				
Egg-type	Thou	7,352	7,188	-2
Broiler type	Thou	13,952	14,763	6
U.S.				
All Layers	Thou	333,250	357,600	7
Eggs per hundred layers	Num	2,334	2,378	2
Eggs produced	Mil	7,778	8,503	9
Turkey Eggs in incubators, Aug 1	Thou	27,044	28,922	7
Turkey Poults hatched, Jul	Thou	22,976	24,758	8

July Milk Production

Dairy herds in Michigan produced 928 million pounds of milk during July, up 4.5 percent from a year ago. The daily rate per cow was 71.3 pounds, up 1.3 pounds from July 2015. The dairy herd was estimated at 420,000 head for

July, up 11,000 head from a year earlier. The average price of milk sold in July by Michigan dairy producers was \$14.80 per cwt., \$1.10 less than the price in July 2015.

Michigan Dairy Summary, July 2016

Item		2014	2015	2016
Cows	1,000 Hd	394	409	420
Milk per cow	Lb/day	68.4	70.0	71.3
Production	Mil lbs	835	888	928
Milk price, all	Dol/cwt	23.70	15.90	14.80
Fat test	Pct	3.56	3.54	3.51
Protein ¹	Pct	3.01	2.99	2.99

¹ FMO 33

Vegetable Report

Snap bean processors contracted 17,000 acres in Michigan for 2016, a 1,000 acre increase from last year. The estimated production of processing snap beans under contract increased 9.8 percent from last year to 78,200 tons.

Tomato processors contracted 3,400 acres in Michigan for 2016, an increase of 200 acres from last year. Processing tomato production is forecast at 119,680 tons, up 26 percent from last year.

Michigan's asparagus production totaled 230,000 hundredweight (cwt) in 2016, up 1 percent from last year. The area harvest for fresh market and processing was 9,200 acres, up 300 acres from last year. Yield, at 25 cwt per acre, was down 1 cwt from last year. Total value of Michigan's asparagus production was \$20.0 million, up 1 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!