



Agriculture Across Michigan

Biotechnology Varieties

The use of biotechnology varieties for corn decreased in Michigan in 2016. Biotechnology varieties accounted for 91 percent of the corn acres planted in Michigan, down from 92 percent last year. Soybean plantings included 95 percent biotechnology varieties, up 1 percent from last year.

Nationally, biotechnology varieties of corn totaled 92 percent of the acres planted, unchanged from 2015. Soybean acreage planted to biotech varieties was also unchanged at 94 percent.

The data are based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

June 1 Grain Stocks

On June 1, 2016, Michigan corn stocks totaled 93.9 million bushels, 6 percent higher than a year earlier. About 48 percent of the corn was stored on farms. The third quarter disappearance was 80.5 million bushels, compared with 85.2 million bushels a year earlier. Soybean stocks on June 1, 2016, were 20.0 million bushels. That was 19 percent higher than stocks a year earlier. The third quarter indicated disappearance was 16.2 million bushels. Farm stocks of soybeans were 6.0 million bushels. Wheat stocks on June 1, 2016, were 16.1 million bushels, 23 percent above a year ago. Approximately 98 percent of wheat stocks were in commercial storage. Fourth quarter indicated disappearance was 8.3 million bushels, 16.1 percent of supply.

May Agricultural Prices

Prices received by Michigan farmers for the full month of May 2016 are listed in the table below. Some Michigan highlights were: May corn, at \$3.75 per bushel, increased \$0.04 from April and increased \$0.17 from last year; May soybeans, at \$9.72 per bushel, increased \$0.60 from last month and increased \$0.11 from

last year; May wheat, at \$5.53 per bushel, increased \$0.26 from April and decreased \$0.36 from last year; May milk, at \$13.50 per cwt., decreased \$0.50 from last month, and decreased \$2.50 from last year.

Prices Received by Farmers¹, May 2016

Commodity	Michigan			United States		
	May 2015	Apr 2016	May 2016	May 2015	Apr 2016	May 2016
Beans, dry edible..... dollars/cwt	38.90	25.20	27.00	35.90	26.80	32.80
Corn dollars/bu	3.58	3.71	3.75	3.64	3.58	3.68
Hay, alfalfa dollars/ton	165.00	125.00	120.00	192.00	153.00	147.00
Hay, other..... dollars/ton	140.00	115.00	100.00	134.00	130.00	122.00
Oats..... dollars/bu	(D)	1.94	2.29	2.90	1.97	2.26
Potatoes dollars/cwt	(D)	(D)	(D)	9.26	9.94	9.80
Soybeans dollars/bu	9.61	9.12	9.72	9.58	9.04	9.76
Wheat, winter dollars/bu	5.89	5.27	5.53	5.19	4.31	4.28
Milk, all dollars/cwt	16.00	14.00	13.50	16.80	15.00	14.50

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

¹ Entire month weighted average price.

Chickens and Eggs

All layers in Michigan totaled 13.0 million during May, up 1 percent from a year ago. Egg production totaled 335 million eggs, up 3 percent from last year. The rate of lay during May was 2,586 eggs per 100 layers. On June 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin,

there were 10.8 million egg-type eggs in incubators, up 12 percent from a year earlier. In the same region, there were 15.1 million broiler-type eggs in incubators, up 3 percent from the previous year. There were 23.5 million turkey poults hatched in the U.S. in May, up 6 percent from the previous year.

Egg and Hatchery Production, May 2016

Item	Unit	2015	2016	Percent Change
Michigan				
All layers	Thou	12,780	12,954	1
Eggs per hundred layers	Num	2,535	2,586	2
Eggs produced	Mil	324	335	3
East North Central Region				
Eggs in incubators, Jun 1				
Egg-type	Thou	9,586	10,752	12
Broiler type	Thou	14,637	15,113	3
U.S.				
All Layers	Thou	345,342	360,609	4
Eggs per hundred layers	Num	2,341	2,362	1
Eggs produced	Mil	8,083	8,516	5
Turkey Eggs in incubators, Jun 1	Thou	27,252	29,949	10
Turkey Poults hatched, May	Thou	22,164	23,451	6

Acreage Summary

Cool spring temperatures and wet fields delayed the start of planting until the second half of May for many Michigan producers. By Memorial Day weekend, conditions had improved to allow the planting of corn and soybeans to catch up to the average progress.

Michigan corn growers planted 2.50 million acres, up 150 thousand acres from last year and up 50 thousand acres from the March Intentions report. Harvested acres of corn for grain were set at 2.16 million acres.

Michigan soybean growers planted a record high 2.15 million acres, up 120 thousand acres from last year. Growers expect to harvest 2.14 million acres of soybeans in 2016.

Winter wheat growers planted 600 thousand acres in Michigan, up 18 percent from 2015. Harvested acres of winter wheat for grain are anticipated to be 570 thousand acres, up 95 thousand acres from a year ago.

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

Commodity	Michigan			United States		
	2014	2015	2016	2014	2015	2016
Beans, dry						
Planted..... 1,000 acres	230.0	275.0	220.0	1,701.6	1,764.4	1,689.0
Harvested..... 1,000 acres	226.0	272.0	216.0	1,648.6	1,711.4	1,629.5
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
Hay, alfalfa						
Harvested..... 1,000 acres	640	660	640	18,395	17,778	18,065
Hay, other						
Harvested..... 1,000 acres	340	310	310	38,667	36,659	38,062
Oats						
Planted..... 1,000 acres	55	75	50	2,753	3,088	3,027
Harvested..... 1,000 acres	40	50	30	1,035	1,276	1,165
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
Sugarbeets						
Planted..... 1,000 acres	151.0	152.0	150.0	1,162.5	1,159.8	1,165.9
Harvested..... 1,000 acres	150.0	151.0	149.0	1,146.3	1,145.4	1,148.8
Wheat, winter						
Planted..... 1,000 acres	550	510	600	42,409	39,461	36,538
Harvested..... 1,000 acres	470	475	570	32,299	32,257	30,176

2016 Michigan Cherry Production Forecast

Michigan tart cherry production is forecast at 222.7 million pounds, 66 percent more than the 2015 June cherry production forecast. Growers are confident about the tart cherry crop early in the season, forecasting higher yields than last year. The crop is developing on schedule, with good growth on trees throughout the state. There were very few reports of any winter injury or freeze damage to fruits.

Michigan sweet cherry production is forecast at 21,000 tons. This would be a 32 percent increase from the 2015 June cherry production forecast. Growers are optimistic about having a better crop than in 2015. Sweet cherries are generally developing on schedule and growth looks good throughout the state.

July 1 Small Grains Forecast

Michigan's 2016 winter wheat production is forecast at 46.0 million bushels. This report is based on current conditions as of July 1, 2016. Some highlights of the Crop Production Report are as follows:

The Michigan winter wheat yield is forecast at 81 bushels per acre, unchanged from the previous year. Winter wheat progressed ahead of last year, with 55 percent mature by July 3, compared to 44 percent last year. Condition was 69 percent good to excellent at the beginning of July.

Oat yield in Michigan is forecast at 64 bushels per acre, which would be a 3 bushel decrease from last year. Oat planting finished behind last year's pace in early June, but the crop developed ahead of last year. By July 3, 81 percent was headed, compared to 78 percent last year and the 5-year average of 81 percent.

June Hogs and Pigs

Michigan's total hog and pig inventory on June 1 was estimated at 1.13 million head, up 30,000 head from a year ago. Breeding hog inventory, at 110,000 head, was unchanged from last June. Market hog inventory, at 1,020,000 head, was up 3 percent from last year. The average pigs saved per litter for the March to May quarter at 10.50 was down 0.2 pigs from last year.

United States inventory of all hogs and pigs on June 1, 2016 was 68.4 million head. This was up 2 percent from June 1, 2015,

and up 1 percent from March 1, 2016. This is the highest June 1 inventory of all hogs and pigs since estimates began in 1964. Breeding inventory, at 5.98 million head, was up 1 percent from last year, but down slightly from the previous quarter. Market hog inventory, at 62.4 million head, was up 2 percent from last year, and up 1 percent from last quarter.

Hog inventory and farrowings: Michigan and United States, June 1, 2016

Hogs and pigs	Michigan			U.S.		
	2015	2016	Change	2015	2016	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding	110	110	0	5,926	5,979	1
Market	990	1,020	3	61,240	62,402	2
Under 50 pounds	275	285	4	19,365	19,846	2
50-119 pounds	255	255	0	17,461	17,848	2
120-179 pounds	240	240	0	12,985	13,141	1
180+ pounds	220	240	9	11,429	11,566	1
Total	1,100	1,130	3	67,165	68,381	2
Sows farrowed, Mar-May	50	47	-6	2,854	2,896	1
Pigs/litter, Mar-May	10.70	10.50	-2	10.37	10.48	1
Pig crop, Mar-May	535	494	-8	29,593	30,347	3
Sows farrowing, Jun-Aug ¹	52	52	0	3,017	2,949	-2
Sows farrowing, Sep-Nov ¹	51	50	-2	2,929	2,896	-1

¹ Current Year Represents Intended Farrowings.

May Milk Production

Dairy herds in Michigan produced 955 million pounds of milk during May, up 6.9 percent from a year ago. The daily rate per cow was 73.7 pounds, up 2.9 pounds from May 2015. The dairy herd was estimated at 418,000 head for May, up 11,000 head from a year earlier. The average price of milk sold in May by Michigan dairy producers was \$13.50 per cwt., \$2.50 less than the price in May 2015.

Michigan Dairy Summary, May 2016

Item		2014	2015	2016
Cows	1,000 Hd	384	407	418
Milk per cow	Lb/day	69.2	70.8	73.7
Production	Mil lbs	824	893	955
Milk price, all	Dol/cwt	24.50	16.00	13.50
Fat test	Pct	3.63	3.60	3.58
Protein ¹	Pct	3.06	3.03	3.07

¹ FMO 33

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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!