



# Agriculture Across Michigan

## September 1 Grain Stocks

On September 1, 2015, Michigan corn stocks totaled 28.0 million bushels, 21 percent lower than a year earlier. About 41 percent of the corn was stored on farms. The fourth quarter disappearance was 60.7 million bushels, compared with 61.1 million bushels a year earlier. Soybean stocks on September 1, 2015, were 4.5 million bushels. That was 112 percent higher than stocks a year earlier. The fourth quarter indicated disappearance was 12.3 million bushels. Farm

stocks of soybeans were 650,000 bushels. Wheat stocks on September 1, 2015, were 40.6 million bushels, 13 percent above a year ago. Approximately 88 percent of wheat stocks were in commercial storage. First quarter indicated disappearance was 11.0 million bushels, 21.3 percent of supply.

## Small Grain Summary

Winter wheat producers throughout Michigan averaged a record yield of 81 bushels per acre this year. Michigan wheat was grown on 510,000 acres, with 475,000 acres harvested for grain. Wheat production was 38.5 million bushels, up 11 percent compared to 2014. Winter Wheat planting finished slightly behind schedule in early November. The wheat went into dormancy late due to warmer weather, but this was largely good for the crop as it encouraged emergence and there was no snow cover. January and February saw colder temperatures but adequate snow cover. The wheat broke dormancy on schedule without significant winter damage. Wheat harvest finished on schedule in mid-August. The state saw a record average yield, but there were very high vomitoxin levels in some wheat due to heavy rainfall in June.

50,000 acres of oats were harvested, up 10,000 from 2014. Production was up 21 percent at 3.35 million bushels. Planting of oats in spring was somewhat delayed due to wet weather, but by the beginning of May, progress had jumped ahead of the 5-year average and was wrapped up by the end of May. Harvest, on the other hand, lagged the 5-year average all season, beginning in late July, and catching up to the 5-year average when harvest wrapped up at the end of the second week of September.

Michigan producers had an average oat yield of 67 bushels per acre, a decrease of 2 bushels from last year.

Barley yield for the 2015 crop year was 56 bushels per acre, an increase of 3 bushels from the previous year. 11,000 acres were dedicated to barley with 6,000 acres harvested for grain. While both yield and planted acres increased from 2014, a much lower percentage of the crop was harvested. As a result, barley production decreased 21 percent from 2014, for a total production of 336,000 bushels.

**Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2013 - 2015**

Commodity	Michigan			United States		
	2013	2014	2015	2013	2014	2015
<b>Barley</b>						
Planted .....1,000 acres	10	9	11	3,528	3,031	3,558
Harvested .....1,000 acres	9	8	6	3,040	2,497	3,109
Yield .....Bushels	52.0	53.0	56.0	71.3	72.7	68.9
Production ..... 1,000 bu	468	424	336	216,745	181,542	214,297
<b>Oats</b>						
Planted .....1,000 acres	50	55	75	2,980	2,753	3,088
Harvested .....1,000 acres	30	40	50	1,009	1,035	1,276
Yield .....Bushels	62.0	69.0	67.0	64.1	67.9	70.2
Production ..... 1,000 bu	1,860	2,760	3,350	64,642	70,232	89,535
<b>Wheat, winter</b>						
Planted .....1,000 acres	620	550	510	43,230	42,409	39,461
Harvested .....1,000 acres	590	470	475	32,650	32,299	32,257
Yield .....Bushels	75.0	74.0	81.0	47.3	42.6	42.5
Production ..... 1,000 bu	44,250	34,780	38,475	1,542,902	1,377,216	1,370,188

## Potato Summary 2014

Michigan potato growers produced 15.73 million hundredweight (cwt) of potatoes in 2014, down 0.7 percent from 2013. Potato yield, at 370 cwt per acre, was up 10 cwt per acre from 2013. The total quantity sold was 14.96 million cwt with a value of sales estimated at \$175.2 million. The value of sales in 2013 was \$179.6 million. The average price received by producers for 2014 crop potatoes was \$11.70 per cwt, down \$0.20 from the previous year. Total 2014 crop potatoes used for seed to plant the 2015 crop was 1,058,000 cwt. Shrink and loss totaled 450,000 cwt for the 2014 crop, up 5 percent from 2013.

## September Hogs and Pigs

Michigan's total hog and pig inventory on September 1 was estimated at 1.1 million head, up 70,000 head from a year ago. Breeding hog inventory, at 110,000 head, was unchanged from last September. Market hog inventory, at 990,000 head, was up 7.6 percent from last year. The average pigs saved per litter for the June to August quarter at 11.0 was up 0.9 pigs from last year.

## Michigan October Crop Production

Michigan producers are expecting to harvest a new record state wide yield for corn this year. The October Crop Report is based upon conditions as of October 1, 2015. Some highlights of the report are as follows:

- Michigan corn yield is up 6 bushels from last year to 167 bushels per acre, a state record yield. Total production is expected to be 342 million bushels.
- Michigan Soybean yield is forecast at 46.0 bushels per acre, equalling the previous state record. The yield is up 3.5 bushels from 2014, and production is up to 93.8 million bushels.
- Sugarbeet growers anticipate a yield of 31.5 tons per acre, up 2.2 tons from last year. Production is forecast at 4.76 million tons.
- Dry bean growers are expecting their crop to yield 1,900 pounds per acre, a 40,000 pound decrease from last year. Production is expected to increase, though, due to more acres harvested this year.
- Michigan's alfalfa hay yield is forecast at 3.40 tons per acre, up 0.50 tons from last year.
- Michigan's other hay yield is forecast at 2.00 tons per acre, down 0.10 tons from last year.

### Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2013 - 2015

Commodity	Michigan			United States		
	2013	2014	2015	2013	2014	2015
Beans, dry						
Planted..... 1,000 acres	175.0	250.0	270.0	1,359.7	1,718.9	1,756.9
Harvested..... 1,000 acres	172.0	245.3	266.0	1,316.3	1,665.7	1,706.2
Yield.....Pounds	1,900	1,940	1,900	1,867	1,753	1,648
Production.....1,000 cwt	3,270	4,749	5,054	24,576	29,206	28,113
Corn, all						
Planted..... 1,000 acres	2,600	2,550	2,400	95,365	90,597	88,381
Corn, grain						
Harvested..... 1,000 acres	2,230	2,210	2,045	87,451	83,136	80,664
Yield..... Bushels	155.0	161.0	167.0	158.1	171.0	168.0
Production..... 1,000 bu	345,650	355,810	341,515	13,828,964	14,215,532	13,554,923
Hay, alfalfa						
Harvested..... 1,000 acres	610	640	700	17,673	18,445	18,337
Yield..... Tons	3.10	2.90	3.40	3.24	3.33	3.45
Production..... 1,000 tons	1,891	1,856	2,380	57,217	61,446	63,214
Hay, other						
Harvested..... 1,000 acres	330	340	350	40,224	38,647	38,202
Yield..... Tons	1.90	2.10	2.00	1.93	2.03	2.07
Production..... 1,000 tons	627	714	700	77,785	78,352	79,187
Soybeans						
Planted..... 1,000 acres	1,930	2,050	2,050	76,840	83,276	83,205
Harvested..... 1,000 acres	1,920	2,040	2,040	76,253	82,591	82,429
Yield..... Bushels	44.5	42.5	46.0	44.0	47.5	47.2
Production..... 1,000 bu	85,440	86,700	93,840	3,357,984	3,927,090	3,887,721
Sugarbeets						
Planted..... 1,000 acres	154	151	152	1,198	1,163.4	1,159.8
Harvested..... 1,000 acres	153	150	151	1,154	1,146.7	1,144
Yield..... Tons	26.2	29.3	31.5	28.4	27.4	30.4
Production..... 1,000 tons	4,009	4,395	4,757	32,789	31,365	34,759

## Poultry

All layers in Michigan totaled 13.0 million during August, unchanged from a year ago. Egg production totaled 325 million eggs, down 2 percent from last year. The rate of lay during August was 2,502 eggs per 100 layers. On September 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 8.7 million egg-type eggs in incubators, up 3 percent from a year earlier. In the same region, there were 14.3 million broiler-type eggs in incubators, up 2 percent from the previous year. There were 22.2 million turkey poult hatched in the U.S. in August, down 6 percent from the previous year.

### Egg and Hatchery Production, August 2015

Item	Unit	2014	2015	Percent Change
<b>Michigan</b>				
All layers	Thou	12,974	12,991	0
Eggs per hundred layers	Num	2,551	2,502	-2
Eggs produced	Mil	331	325	-2
<b>East North Central Region</b>				
Eggs in incubators, Sep 1				
Egg-type	Thou	8,496	8,714	3
Broiler type	Thou	14,084	14,318	2
<b>U.S.</b>				
All Layers	Thou	361,731	330,123	-9
Eggs per hundred layers	Num	2,347	2,329	-1
Eggs produced	Mil	8,491	7,690	-9
Turkey Eggs in incubators, Sep 1	Thou	27,388	23,212	-15
Turkey Poults hatched, Aug	Thou	23,500	22,165	-6

## September Agricultural Prices

Prices received by Michigan farmers for the full month of August 2015 are listed in the table below. Some Michigan highlights were: August corn, at \$3.69 per bushel, decreased \$0.19 from July and increased \$0.14 from last year; August soybeans, at \$10.40 per bushel, increased \$0.20 from last month and decreased \$2.00 from last year; August wheat, at

\$5.67 per bushel, decreased \$0.05 from July and decreased \$0.04 from last year; August milk, at \$16.00 per cwt., increased \$0.10 from last month, and decreased \$8.40 from last year.

### Prices Received by Farmers<sup>1</sup>, August 2015

Commodity	Michigan			United States		
	Aug 2014	Jul 2015	Aug 2015	Aug 2014	Jul 2015	Aug 2015
Beans, dry edible..... dollars/cwt	(D)	(D)	(D)	35.90	27.50	29.00
Corn ..... dollars/bu	3.55	3.88	3.69	3.63	3.80	3.68
Hay, alfalfa ..... dollars/ton	160.00	150.00	170.00	207.00	169.00	159.00
Hay, other ..... dollars/ton	115.00	140.00	120.00	132.00	129.00	115.00
Oats..... dollars/bu	3.55	2.66	1.91	3.24	2.33	2.08
Potatoes ..... dollars/cwt	(D)	(S)	(D)	8.88	9.04	8.54
Soybeans ..... dollars/bu	12.40	10.20	10.40	12.40	9.95	9.71
Wheat, winter ..... dollars/bu	5.71	5.72	5.67	5.90	5.15	4.82
Milk, all ..... dollars/cwt	24.40	15.90	16.00	24.20	16.60	16.70

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

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

<sup>1</sup> Entire month weighted average price.

## August Milk Production

Dairy herds in Michigan produced 867 million pounds of milk during August, up 4.1 percent from a year ago. The daily rate per cow was 68.4 pounds, up 0.2 pounds from August 2014. The dairy herd was estimated at 409,000 head for August, up 15,000 head from a year earlier.

### Michigan Dairy Summary, August 2015

Item		2013	2014	2015
Cows	1,000 Hd	381	394	409
Milk per cow	Lb/day	66.1	68.2	68.4
Production	Mil lbs	781	833	867
Milk price, all	Dol/cwt	20.40	24.40	16.00
Fat test	Pct	3.60	3.61	3.54
Protein <sup>1</sup>	Pct	3.02	3.04	3.01

<sup>1</sup> 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!