



Agriculture Across Michigan

September 1 Grain Stocks

On September 1, 2016, Michigan corn stocks totaled 39.2 million bushels, 40 percent higher than a year earlier. About 40 percent of the corn was stored on farms. The fourth quarter disappearance was 54.8 million bushels, compared with 60.7 million bushels a year earlier. Soybean stocks on September 1, 2016, were 5.9 million bushels. That was 29 percent higher than stocks a year earlier. The fourth quarter indicated

disappearance was 15.4 million bushels. Farm stocks of soybeans were 0.7 million bushels. Wheat stocks on September 1, 2016, were 53.8 million bushels, 32 percent above a year ago. Approximately 87 percent of wheat stocks were in commercial storage. First quarter indicated disappearance was 13.1 million bushels, 19.6 percent of supply.

Small Grain Summary

Winter wheat producers throughout Michigan averaged a yield of 89 bushels per acre this year, exceeding the previous record set a year ago by 8 bushels. Michigan wheat was grown on 610,000 acres, with 570,000 acres harvested for grain. Wheat production was 50.7 million bushels, up 32 percent compared to 2015.

Winter Wheat planting finished by the first week of November, ahead of schedule due to unseasonably warm temperatures. Statewide emergence was complete by the end of November. Mild winter conditions kept the crop in good condition through the spring, and crop development remained

ahead of schedule for most of the growing season. The abnormally dry weather during June and July allowed wheat to dry down quickly and for harvest to progress rapidly and be complete by early August. Growers reported low levels of disease present in the crop as a result of the ideal growing conditions.

Michigan producers had an average oat yield of 58 bushels per acre, a decrease of 9 bushels from last year. Thirty thousand acres of oats were harvested, down 20,000 from 2015. Oat production, at 1.74 million bushels, was down 48 percent from a year ago.

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
Barley ¹						
Planted..... 1,000 acres	9	11	(NA)	3,031	3,623	3,052
Harvested..... 1,000 acres	8	6	(NA)	2,497	3,158	2,558
Yield..... Bushels	53.0	56.0	(NA)	72.7	69.1	77.9
Production..... 1,000 bu	424	336	(NA)	181,542	218,187	199,282
Oats						
Planted..... 1,000 acres	55	75	65	2,753	3,088	2,828
Harvested..... 1,000 acres	40	50	30	1,035	1,276	981
Yield..... Bushels	69.0	67.0	58.0	67.9	70.2	66.0
Production..... 1,000 bu	2,760	3,350	1,740	70,232	89,535	64,770
Wheat, winter						
Planted..... 1,000 acres	550	510	610	42,409	39,681	36,137
Harvested..... 1,000 acres	470	475	570	32,299	32,346	30,222
Yield..... Bushels	74.0	81.0	89.0	42.6	42.5	55.3
Production..... 1,000 bu	34,780	38,475	50,730	1,377,216	1,374,690	1,671,532

(NA) Not Available.

¹ Estimates discontinued in 2016.

Potato Summary 2015

Michigan potato growers produced 17.55 million hundredweight (cwt) of potatoes in 2015, up 11.6 percent from 2014. Potato yield, at 390 cwt per acre, was up 20 cwt per acre from 2014. The total quantity sold was 16.68 million cwt with a value of sales estimated at \$173.1 million. The value of sales in 2014 was \$175.2 million. The average price received by producers for 2015 crop potatoes was \$10.40 per cwt, down \$1.30 from the previous year. Total 2015 crop potatoes used for seed to plant the 2016 crop was 1,152,000 cwt. Shrink and loss totaled 540,000 cwt for the 2015 crop.

September Hogs and Pigs

Michigan's total hog and pig inventory on September 1 was estimated at 1.13 million head, up 20,000 head from a year ago. Breeding hog inventory, at 105,000 head, was down 5,000 from last September. Market hog inventory, at 1,025,000 head, was up 2.5 percent from last year. The average pigs saved per litter for the June to August quarter at 10.50 was down 0.5 pigs from last year.

Michigan October Crop Production

Late season rains brought relief to dry areas and warmer temperatures helped bring crops to maturity. The October Crop Report is based upon conditions as of October 1, 2016. Some highlights of the report are as follows:

- Michigan's corn yield is down 7 bushels from last year to 155 bushels per acre. Total production is expected to be 334.8 million bushels, down less than one percent from the year before.
- Michigan's soybean yield is forecast at 47.0 bushels per acre, down 2 bushels from a year ago. Production is expected to be 98.2 million bushels, down 1 percent from 2015.
- Michigan's sugarbeet growers anticipate a yield of 31.0 tons per acre, down 0.7 tons from last year. Production is forecast at 4.59 million tons.
- Michigan's dry bean growers are expecting their crop to yield 1,780 pounds per acre, a 250 pound per acre decrease from last year. Total production, at 3.67 million hundredweight, is down 33 percent from last year due to 66,000 fewer acres harvested this year compared to 2015.
- Michigan's alfalfa hay yield is forecast at 2.60 tons per acre, down 0.50 tons from last year.
- Michigan's other hay yield is forecast at 2.00 tons per acre, up 0.20 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
Beans, dry						
Planted1,000 acres	230.0	275.0	210.0	1,701.6	1,764.4	1,656.5
Harvested1,000 acres	226.0	272.0	206.0	1,648.6	1,711.4	1,567.5
Yield Pounds	1,940	2,030	1,780	1,754	1,760	1,772
Production 1,000 cwt	4,375	5,533	3,667	28,910	30,121	27,776
Corn, all						
Planted1,000 acres	2,550	2,350	2,500	90,597	87,999	94,490
Corn, grain						
Harvested1,000 acres	2,210	2,070	2,160	83,136	80,749	86,836
YieldBushels	161.0	162.0	155.0	171.0	168.4	173.4
Production 1,000 bu	355,810	335,340	334,800	14,215,532	13,601,198	15,057,404
Hay, alfalfa						
Harvested1,000 acres	640	660	640	18,395	17,778	18,065
Yield Tons	2.90	3.10	2.60	3.34	3.32	3.48
Production1,000 tons	1,856	2,046	1,664	61,451	58,974	62,817
Hay, other						
Harvested1,000 acres	340	310	310	38,667	36,659	38,062
Yield Tons	2.10	1.80	2.00	2.03	2.06	2.07
Production1,000 tons	714	558	620	78,472	75,414	78,756
Soybeans						
Planted1,000 acres	2,050	2,030	2,100	83,276	82,650	83,698
Harvested1,000 acres	2,040	2,020	2,090	82,591	81,732	83,047
YieldBushels	42.5	49.0	47.0	47.5	48.0	51.4
Production 1,000 bu	86,700	98,980	98,230	3,927,090	3,926,339	4,268,884
Sugarbeets						
Planted1,000 acres	151.0	152.0	149.0	1,162.5	1,159.8	1,161.5
Harvested1,000 acres	150.0	151.0	148.0	1,146.3	1,145.4	1,139.0
Yield Tons	29.3	31.7	31.0	27.3	30.9	31.9
Production1,000 tons	4,395	4,787	4,588	31,285	35,359	36,282

Poultry

All layers in Michigan totaled 13 million during August, down slightly from a year ago. Egg production totaled 319 million eggs, down 2 percent from last year. The rate of lay during August was 2,457 eggs per 100 layers. On August 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 8.0 million

egg-type eggs in incubators, down 8 percent from a year earlier. In the same region, there were 15.2 million broiler-type eggs in incubators, up 6 percent from the previous year. There were 24.5 million turkey poult hatched in the U.S. in August, up 11 percent from the previous year.

Egg and Hatchery Production, August 2016

Item	Unit	2015	2016	Percent Change
Michigan				
All layers	Thou	12,991	12,962	0
Eggs per hundred layers	Num	2,499	2,457	-2
Eggs produced	Mil	325	319	-2
East North Central Region				
Eggs in incubators, Sep 1				
Egg-type	Thou	8,711	8,010	-8
Broiler type	Thou	14,318	15,237	6
U.S.				
All Layers	Thou	334,491	358,400	7
Eggs per hundred layers	Num	2,331	2,395	3
Eggs produced	Mil	7,798	8,583	10
Turkey Eggs in incubators, Sep 1	Thou	23,793	28,805	21
Turkey Poults hatched, Aug	Thou	22,006	24,464	11

August Agricultural Prices

Prices received by Michigan farmers for the full month of August 2016 are listed in the table below. Some Michigan highlights were: August corn, at \$3.45 per bushel, decreased \$0.32 from July and decreased \$0.24 from last year; August soybeans, at \$10.10 per bushel, decreased \$0.20 from last

month and decreased \$0.30 from last year; August wheat, at \$4.00 per bushel, decreased \$0.33 from July and decreased \$1.67 from last year; August milk, at \$15.60 per cwt., increased \$0.80 from last month, and decreased \$0.40 from last year.

Prices Received by Farmers¹, August 2016

Commodity	Michigan			United States		
	Aug 2015	Jul 2016	Aug 2016	Aug 2015	Jul 2016	Aug 2016
Beans, dry edible	(D)	31.20	33.70	29.00	31.90	29.80
Corn	3.69	3.77	3.45	3.68	3.60	3.21
Hay, alfalfa	170.00	140.00	155.00	161.00	140.00	138.00
Hay, other	120.00	100.00	110.00	110.00	113.00	116.00
Oats	1.91	2.21	1.79	2.07	1.89	1.84
Potatoes.....	(D)	(S)	(D)	8.45	9.23	8.93
Soybeans.....	10.40	10.30	10.10	9.71	10.20	9.93
Wheat, winter.....	5.67	4.33	4.00	4.80	3.56	3.41
Milk, all.....	16.00	14.80	15.60	16.70	16.10	17.10

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

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

¹ Entire month weighted average price.

August Milk Production

Dairy herds in Michigan produced 935 million pounds of milk during August, up 6.6 percent from a year ago. The daily rate per cow was 71.5 pounds, up 2.5 pounds from August 2015. The dairy herd was estimated at 422,000 head for August, up 12,000 head from a year earlier. The average price of milk sold in August by Michigan dairy producers was \$15.60 per cwt., \$0.40 less than the price in August 2015.

Michigan Dairy Summary, August 2016

Item		2014	2015	2016
Cows	1,000 Hd	394	410	422
Milk per cow	Lb/day	68.2	69.0	71.5
Production	Mil lbs	833	877	935
Milk price, all	Dol/cwt	24.40	16.00	15.60
Fat test	Pct	3.61	3.55	3.53
Protein ¹	Pct	3.04	3.01	3.00

¹ FMO 33

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USDA NASS Great Lakes Region
P.O. Box 30239
Lansing, MI 48909-9983
(517) 324-5300 FAX (855) 270-2709
Email: nassrfglr@usda.gov

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!