



Agriculture Across Michigan

USDA To Collect Final 2019 Crop Production and Crop Stocks Data

As the 2019 growing season officially comes to an end, the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will contact producers nationwide to gather final year-end crop production numbers and the amount of grain and oilseed they store on their farms. At the same time, NASS will survey grain facility operators to determine year-end grain and oilseed stocks.

These surveys are the largest and most important year-end surveys conducted by NASS. They are the basis for the official USDA estimates of production and harvested acres of all major agricultural commodities in the United States and year-end grain and oilseed supplies. Data from the survey will benefit farmers and processors by providing timely and accurate information to help them make critical year-end business decisions and begin planning for the next growing and marketing season. NASS will analyze the survey information and publish the results in a series of USDA reports, including

the *Crop Production Annual Summary* and quarterly *Grain Stocks* reports, both to be released Friday, January 10, 2020.

Responses to the producer survey will be included in the County Agricultural Production Survey and used in calculating county yields. USDA uses county yield information from the survey to evaluate and administer vital farm disaster and insurance programs. Farmers who receive this survey are not included in the County Agricultural Production Survey; therefore this is their only opportunity to be included in the calculation of Michigan county yields. As with all NASS surveys, information provided by respondents is confidential, as required by federal law. NASS safeguards the privacy of all responses and publishes only aggregate data, ensuring that no individual operation or producer can be identified. These and all NASS reports are available online at www.nass.usda.gov. For more information on NASS surveys and reports, call the NASS Great Lakes Regional Field Office at (800) 453-7501.

Potato Production

Michigan's 2019 potato crop is forecast to be 19.5 million hundredweight (cwt), up 6 percent from a year ago. Planted acres, at 49,000, decreased 1,000 acres from last year. Harvested acres, at 47,500, were down 500 from 2018. Average yield, forecasted at 410 cwt per acre, was up 30 cwt from the previous year and if realized would be a record high.

The first potato stocks estimate for the 2019 crop year will be released December 16, 2019.

Nationally, production of fall potatoes for 2019 is forecast at 422.5 million cwt, down 6 percent from 2018. Area harvested, at 938,900 acres, is down 7 percent from the 2018 estimate. The average yield forecast, at 450 cwt per acre, is up 7 cwt per acre from a year ago.

Fall Potato Area Planted and Harvested, Yield, and Production - Michigan and United States: 2017-2019

Item	Michigan					United States		
	2017	2018	2019	Record high	Year set	2017	2018	2019
Planted.....1,000 acres	50.0	50.0	49.0	NA	NA	1,052.6	1,026.5	961.8
Harvested.....1,000 acres	49.5	48.0	47.5	374.0	1895	1,044.5	1,014.8	938.9
Yield.....Cwt/Acre	370	380	410	390	2015	432	443	450
Production.....1,000 Cwt	18,315	18,240	19,475	23,256	1904	450,921	450,020	422,451

September Agricultural Prices

Prices received by Michigan farmers for the full month of September 2019 are listed in the table below. Some Michigan highlights were: September corn, at \$4.05 per bushel, decreased \$0.26 from August but increased \$0.66 from last year; September soybeans, at \$8.54 per bushel, increased \$0.04 from last month but decreased \$0.18 from last year; September wheat, at \$5.05 per bushel, decreased \$0.03 from August and decreased \$0.12 from last year; September milk, at \$17.90 per cwt., increased \$0.30 from last month and increased \$2.50 from last year.

The September Prices Received Index 2011 Base (Agricultural Production), at 87.0, decreased 3.9 percent from

August and 1.6 percent from September 2018. At 86.7, the Crop Production Index was down 0.8 percent from last month and 1.6 percent from the previous year. The Livestock Production Index, at 87.3, decreased 6.8 percent from August and 1.6 percent from September last year. Compared to August 2019, producers received higher prices during September for apples, milk, and broccoli but lower prices for cattle, hogs, market eggs, and broilers. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In September, there was increased monthly movement for soybeans, corn, apples, and dry beans and decreased marketing of cattle, wheat, cotton, and peaches.

Prices Received by Farmers¹ - Michigan and United States: September 2019 with Comparisons

Commodity	Michigan			United States		
	Sep 2018	Aug 2019	Sep 2019	Sep 2018	Aug 2019	Sep 2019
Beans, dry edible.....dollars/cwt	(D)	(D)	27.00	25.70	24.20	24.90
Corn.....dollars/bu	3.39	4.31	4.05	3.40	3.93	3.80
Hay, alfalfadollars/ton	145.00	175.00	180.00	179.00	179.00	181.00
Hay, other.....dollars/ton	120.00	115.00	120.00	135.00	127.00	120.00
Oats.....dollars/bu	3.43	3.24	3.11	2.62	2.76	2.76
Soybeansdollars/bu	8.72	8.50	8.54	8.78	8.22	8.35
Wheat, winterdollars/bu	5.17	5.08	5.05	5.14	4.28	4.20
Milk, alldollars/cwt	15.40	17.60	17.90	16.90	18.90	19.30

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

¹ Entire month weighted average price.

Chickens and Eggs

All layers in Michigan totaled 14.0 million during September, down 12 percent from a year ago. Egg production totaled 334 million eggs, down 12 percent from last year. The rate of lay during September was 2,391 eggs per 100 layers.

All layers in the U.S. totaled 394.1 million during September, up 1 percent from a year ago. There were 22.6 million turkey poult hatched in the U.S. in September, up 1 percent from the previous year.

Egg and Hatchery Production - Michigan and United States: September 2018 and 2019

Item	2018	2019	Percent Change
Michigan			
All layers thousand	15,926	13,986	-12
Eggs per hundred layers number	2,394	2,391	0
Eggs produced million	381	334	-12
U.S.			
All Layers thousand	391,745	394,120	1
Eggs per hundred layers number	2,311	2,332	1
Eggs produced million	9,052	9,190	2
Turkey Eggs in incubators, Oct 1 thousand	28,750	29,617	3
Turkey Poults hatched, Sep thousand	22,443	22,567	1

Red Meat Production

Commercial red meat production in Michigan totaled 84.9 million pounds in September 2019, up 6.2 million pounds from September 2018.

Commercial red meat production for the United States totaled 4.44 billion pounds in September, up 6 percent from the 4.19 billion pounds produced in September 2018.

Beef production, at 2.19 billion pounds, was 1 percent above the previous year. Cattle slaughter totaled 2.68 million head, up 2 percent from September 2018. The average live weight was down 7 pounds from the previous year, at 1,352 pounds.

Veal production totaled 6.1 million pounds, 1 percent above September a year ago. Calf slaughter totaled 49,000 head, up 1 percent from September 2018. The average live weight was up 1 pound from last year, at 216 pounds.

Pork production totaled 2.24 billion pounds, up 11 percent from the previous year. Hog slaughter totaled 10.6 million head, up 10 percent from September 2018. The average live weight was up 2 pounds from the previous year, at 282 pounds.

Lamb and mutton production, at 10.9 million pounds, was down 4 percent from September 2018. Sheep slaughter totaled 179,400 head, 4 percent above last year. The average live weight was 122 pounds, down 10 pounds from September a year ago.

January to September 2019 commercial red meat production was 40.5 billion pounds, up 3 percent from 2018. Accumulated beef production was up 1 percent from last year, veal was down 1 percent, pork was up 5 percent from last year, and lamb and mutton production was down 2 percent.

November Crop Production

Michigan producers are anticipating disappointing corn and soybean crops in 2019. The November Crop Production Report is based on conditions as of November 1, 2019. Some highlights of the report follow:

- Michigan corn yield is down 2 bushels from last year to 151 bushels per acre. Total production is expected to be 263 million bushels, down 11 percent from last year. As of November 3, Michigan corn for grain was only 25 percent harvested, down 26 points from the 5-year average. Michigan corn for grain harvest progress was the third lowest in the nation; only North Dakota and Wisconsin were further behind.
- Michigan Soybean yield is forecast at 42.0 bushels per acre. The yield is down 5.5 bushels from 2018, and production is forecast at 72.2 million bushels. Soybean harvest was 57 percent complete as of November 3, down 21 percentage points from the 5-year average.
- Sugarbeet growers anticipate a yield of 27.9 tons per acre, down 1.2 tons from last year. Production is forecast at 4.05 million tons. Sugarbeet harvest in Michigan was 55 percent

complete as of the week ending November 3, down 13 points from the 5-year average. Sugarbeet harvest lags every other major sugarbeet producing State.

- U.S. corn production for grain is forecast at 13.7 billion bushels, down 1 percent from the previous forecast and down 5 percent from last year. Based on conditions as of November 1, yields are expected to average 167.0 bushels per harvested acre, down 1.4 bushels from the previous forecast and down 9.4 bushels from 2018. Area harvested for grain is forecast at 81.8 million acres, unchanged from the previous forecast but up slightly from 2018.
- U.S. soybean production for beans is forecast at 3.55 billion bushels, down slightly from the previous forecast and down 20 percent from last year. Based on conditions as of November 1, yields are expected to average 46.9 bushels per acre, unchanged from the previous forecast but down 3.7 bushels from 2018. Area harvested for beans in the United States is forecast at 75.6 million acres, unchanged from the previous forecast but down 14 percent from 2018.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2018 - 2019

Commodity	Michigan		United States	
	2018	2019	2018	2019
Corn, all				
Planted..... 1,000 acres	2,300	2,050	89,129	89,942
Corn, grain				
Harvested..... 1,000 acres	1,940	1,740	81,740	81,815
Yield..... Bushels	153.0	151.0	176.4	167.0
Production..... 1,000 bu	296,820	262,740	14,420,101	13,661,005
Soybeans				
Planted..... 1,000 acres	2,330	1,750	89,167	76,457
Harvested..... 1,000 acres	2,310	1,720	87,594	75,626
Yield..... Bushels	47.5	42.0	50.6	46.9
Production..... 1,000 bu	109,725	72,240	4,428,150	3,549,977
Sugarbeets				
Planted..... 1,000 acres	150.0	146.0	1,113.1	1,134.9
Harvested..... 1,000 acres	147.0	145.0	1,095.4	971.2
Yield..... Tons	29.1	27.9	30.3	30.4
Production..... 1,000 tons	4,278	4,046	33,145	29,498

September Milk Production

Dairy herds in Michigan produced 927 million pounds of milk during September, up 3.8 percent from a year ago. The daily rate per cow was 72.2 pounds, up 1.7 pounds from September 2018. The dairy herd was estimated at 428,000 head for September, up 6,000 head from a year earlier. The average price of milk sold in September by Michigan dairy producers was \$17.90 per cwt., \$2.50 more than the price in September 2018.

Milk Cows, Production, and Price – Michigan: September 2018 and 2019

Item	2018	2019
Cows 1,000 hd	422	428
Milk per cow lb/day	70.5	72.2
Production mil lbs	893	927
Milk price, all dol/cwt	15.40	17.90
Fat test pct	3.73	3.77
Protein ¹ pct	3.08	3.11

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!