



# Agriculture Across Michigan

## Michigan Annual Crop Summary

Difficult planting and growing conditions led to a challenging 2019 for Michigan field crop producers. Michigan's average corn yield was 149 bushels per acre, down 4 bushels from 2018. Production was 240 million bushels from 1.61 million acres. Acres harvested for grain were down 15 percent from 2018. As of December 1, significant acres remained unharvested. USDA will be

contacting producers again in the spring to determine if production should be revised.

The average MI soybean yield was 41 bushels per acre, down 6.5 bushels from 2018. There were 1.73 million acres harvested, down from 2.31 million acres in 2018. Soybean growers will be contacted in the spring to determine if production should be revised because significant acreage remained unharvested as of December 1.

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

Commodity	Michigan		United States	
	2018	2019	2018	2019
Beans, dry				
Planted ..... 1,000 acres	195	185	2,094.5	1,287.4
Harvested ..... 1,000 acres	193	180	2,028.2	1,176.5
Yield ..... Pounds	2,400	2,030	1,861	1,769
Production ..... 1,000 cwt	4,635	3,662	37,745	20,811
Corn, all				
Planted ..... 1,000 acres	2,250	2,000	88,871	89,700
Corn, grain				
Harvested ..... 1,000 acres	1,890	1,610	81,276	81,482
Yield ..... Bushels	153.0	149.0	176.4	168.0
Production ..... 1,000 bu	289,170	239,890	14,340,369	13,691,561
Corn, silage				
Harvested ..... 1,000 acres	340	340	6,120	6,587
Yield ..... Tons	17.5	18.5	19.9	20.2
Production ..... 1,000 tons	5,950	6,290	121,564	132,807
Hay, all				
Harvested ..... 1,000 acres	810	780	52,839	52,425
Yield ..... Tons	2.24	2.38	2.34	2.46
Production ..... 1,000 tons	1,812	1,858	123,600	128,864
Soybeans				
Planted ..... 1,000 acres	2,330	1,760	89,167	76,100
Harvested ..... 1,000 acres	2,310	1,730	87,594	75,021
Yield ..... Bushels	47.5	41.0	50.6	47.4
Production ..... 1,000 bu	109,725	70,930	4,428,150	3,558,281
Sugarbeets				
Planted ..... 1,000 acres	150	146	1,113	1,132
Harvested ..... 1,000 acres	148	145	1,096	979
Yield ..... Tons	29.1	28.6	30.4	29.2
Production ..... 1,000 tons	4,307	4,147	33,282	28,600

## Winter Wheat Seedings

Michigan winter wheat seeded area for 2020 is estimated at 500,000 acres, a decrease of 7 percent from last year. Cool, wet fall weather slowed winter wheat planting and development. By November 24, the crop was 87 percent emerged, 8 percentage points behind the 5-year average. The crop condition was rated 50 percent good to excellent as of November 24, compared with 48 percent during the same period last year.

U.S. winter wheat planted area for harvest in 2020 is estimated at 30.8 million acres, down 1 percent from 2019 and down 5 percent from 2018. This represents the second lowest United States acreage on record. Seeding of the 2020 acreage was underway in mid-September but was behind the 5-year average pace. About a month into seeding, progress was at or ahead of the 5-year average for the remainder of seeding the 2020 acreage. Seeding was mostly complete by November 17, 2019.

### Winter Wheat Area Seeded - Michigan and United States: 2018 - 2020

Item	Michigan			United States		
	2018	2019	2020	2018	2019	2020
Planted..... 1,000 acres	510	540	500	32,542	31,159	30,804
Harvested..... 1,000 acres	470	480		24,742	24,327	
Yield..... Bushels	76	71		47.9	53.6	
Production..... 1,000 bushels	35,720	34,080		1,183,939	1,304,003	

## November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2019 are listed in the table below. Some Michigan highlights were: November corn, at \$3.87 per bushel, decreased \$0.11 from October but increased \$0.53 from last year; November soybeans, at \$8.68 per bushel, decreased \$0.10 from last month but increased \$0.31 from last year; November wheat, at \$5.18 per bushel, increased \$0.05 from October and increased \$0.26 from last year; November milk, at \$19.20 per cwt., increased \$0.90 from last month and increased \$3.10 from last year.

The November Prices Received Index 2011 Base (Agricultural Production), at 88.6, increased 4.6 percent from October and 0.2 percent from November 2018. At

82.6, the Crop Production Index was up 1.7 percent from last month but down 1.8 percent from the previous year. The Livestock Production Index, at 96.6, increased 7.0 percent from October and 4.2 percent from November last year. Producers received higher prices during November for market eggs, lettuce, cattle, and milk but lower prices for corn, broilers, apples, and hogs. In addition to prices, the indexes are influenced by the volume change of commodities producers market. In November, there was increased monthly movement for corn, milk, cattle, and cotton and decreased marketing of soybeans, grapes, wheat, and lettuce.

### Prices Received by Farmers<sup>1</sup> - Michigan and United States: November 2019 with Comparisons

Commodity	Michigan			United States		
	Nov 2018	Oct 2019	Nov 2019	Nov 2018	Oct 2019	Nov 2019
Beans, dry edible ..... dollars/cwt	25.80	28.10	32.00	25.90	27.20	28.80
Corn ..... dollars/bu	3.34	3.98	3.87	3.41	3.84	3.68
Hay, alfalfa ..... dollars/ton	165.00	190.00	185.00	173.00	179.00	173.00
Hay, other ..... dollars/ton	140.00	130.00	140.00	141.00	126.00	137.00
Oats ..... dollars/bu	3.59	2.76	3.68	2.55	2.82	2.95
Soybeans ..... dollars/bu	8.37	8.78	8.68	8.36	8.60	8.59
Wheat, winter ..... dollars/bu	4.92	5.13	5.18	5.20	4.36	4.36
Milk, all ..... dollars/cwt	16.10	18.30	19.20	17.20	19.90	21.00

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

## December Hogs and Pigs

Michigan's total hog and pig inventory on December 1 was estimated at 1.22 million head, up 40,000 head from a year ago. Breeding hog inventory, at 120,000 head, was unchanged from last December. Market hog inventory, at 1.1 million head, was up 4 percent from last year. The average pigs saved per litter for the September to November quarter was 10.85, up 0.35 from the same period last year.

United States inventory of all hogs and pigs on December 1, 2019 was 77.3 million head. This was up 3 percent from

December 1, 2018, but down slightly from September 1, 2019.

United States hog producers intend to have 3.13 million sows farrow during the December 2019-February 2020 quarter, up 1 percent from the actual farrowings during the same period one year earlier, and up 5 percent from the same period two years earlier. Intended farrowings for March-May 2020, at 3.15 million sows, are up slightly from the same period one year earlier, and up 3 percent from the same period two years earlier.

### Hog inventory and farrowings: Michigan and United States, December 1, 2019

Hogs and pigs	Michigan			United States		
	2018	2019	Change	2018	2019	Change
	1,000 head	1,000 head	Percent	1,000 head	1,000 head	Percent
Breeding	120	120	0	6,326	6,461	2
Market	1,060	1,100	4	68,745	70,877	3
Under 50 pounds	320	330	3	21,858	22,128	1
50-119 pounds	280	300	7	19,369	19,696	2
120-179 pounds	210	210	0	14,323	14,976	5
180+ pounds	250	260	4	13,195	14,076	7
Total	1,180	1,220	3	75,070	77,338	3
Sows farrowed, Sep-Nov	54	55	2	3,205	3,166	-1
Pigs/litter, Sep-Nov	10.50	10.85	3	10.76	11.09	3
Pig crop, Sep-Nov	567	597	5	34,496	35,101	2
Sows farrowing, Dec-Feb <sup>1 2</sup>	56	58	4	3,099	3,129	1
Sows farrowing, Mar-May <sup>1 2</sup>	54	53	-2	3,133	3,147	0

<sup>1</sup> Intentions.

<sup>2</sup> Upcoming year.

## Chickens and Eggs

All layers in Michigan totaled 15.0 million during November, down 7 percent from a year ago. Egg production totaled 368 million eggs, down 6 percent from last year. The rate of lay during November was 2,456 eggs per 100 layers.

All layers in the U.S. totaled 401.7 million during November, up 2 percent from a year ago. There were 22.2 million turkey poult hatchlings in the U.S. in November, down 24 percent from the previous year.

### Egg and Hatchery Production, November 2019

Item	2018	2019	Percent Change
<b>Michigan</b>			
All layers .....	16,003	14,962	-7
Eggs per hundred layers .....	2,433	2,456	1
Eggs produced .....	389	368	-6
<b>U.S.</b>			
All Layers .....	394,987	401,657	2
Eggs per hundred layers .....	2,322	2,364	2
Eggs produced .....	9,171	9,496	4
Turkey Eggs in incubators, Dec 1 .....	28,492	25,812	-9
Turkey Poults hatched, Nov .....	29,089	22,219	-24

## December 1 Grain Stocks

On December 1, 2019, Michigan corn stocks totaled 202 million bushels, 15 percent lower than a year earlier. About 74 percent of the corn was stored on farms. The first quarter disappearance was 79.0 million bushels, compared with 98.1 million bushels a year earlier. Soybean stocks on December 1, 2019, were 69.7 million bushels. That was 23 percent lower than stocks a year earlier. The first quarter indicated disappearance was 19.6 million bushels. Farm stocks of soybeans were 32.5 million bushels. Wheat stocks on December 1, 2019, were 39.6 million bushels, 20 percent below a year ago. Approximately 94 percent of wheat stocks were in commercial storage. Second quarter indicated disappearance was 10.6 million bushels, 16 percent of supply.

## November Milk Production

Dairy herds in Michigan produced 910 million pounds of milk during November, up 1.7 percent from a year ago. The daily rate per cow was 70.8 pounds, up 0.1 pound from November 2018. The dairy herd was estimated at 428,000 head for November, up 6,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was \$19.20 per cwt., \$3.10 more than the price in November 2018.

### Milk Cows, Production, and Price – Michigan: November 2018 and 2019

Item	2018	2019
Cows ..... 1,000 hd	422	428
Milk per cow ..... lb/day	70.7	70.8
Production ..... mil lbs	895	910
Milk price, all ..... dol/cwt	16.10	19.20
Fat test ..... pct	3.94	3.98
Protein <sup>1</sup> ..... pct	3.26	3.26

<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!