



# Agriculture Across Michigan

## Michigan Annual Crop Summary

Record high yields for corn, soybeans, dry beans and sugarbeets were recorded in Michigan in 2021. Michigan's average corn yield was 174 bushels per acre, up 21 bushels from 2020. Production was 346 million bushels from 1.99

million acres. Acres harvested for grain were unchanged from 2020.

The average Michigan soybean yield was 51 bushels per acre, up 3 bushels from 2020. There were 2.14 million acres harvested, down from 2.19 million acres harvested in 2020.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2020 - 2021

Commodity	Michigan		United States	
	2020	2021	2020	2021
Beans, dry .....				
Planted ..... 1,000 acres	255	210	1,727.0	1,394.0
Harvested ..... 1,000 acres	253	208	1,664.5	1,335.6
Yield ..... Pounds	2,340	2,410	1,962	1,701
Production ..... 1,000 cwt	5,914	5,011	32,665	22,721
Corn, all .....				
Planted ..... 1,000 acres	2,350	2,350	90,652	93,357
Corn, grain .....				
Harvested ..... 1,000 acres	1,990	1,990	82,313	85,388
Yield ..... Bushels	153.0	174.0	171.4	177.0
Production ..... 1,000 bu	304,470	346,260	14,111,449	15,115,170
Corn, silage .....				
Harvested ..... 1,000 acres	350	340	6,711	6,481
Yield ..... Tons	17.5	20.5	20.5	20.1
Production ..... 1,000 tons	6,125	6,970	137,675	130,317
Hay, all .....				
Harvested ..... 1,000 acres	780	790	52,238	50,736
Yield ..... Tons	2.56	2.75	2.43	2.37
Production ..... 1,000 tons	2,000	2,173	126,812	120,196
Soybeans .....				
Planted ..... 1,000 acres	2,200	2,150	83,354	87,195
Harvested ..... 1,000 acres	2,190	2,140	82,603	86,332
Yield ..... Bushels	48.0	51.0	51.0	51.4
Production ..... 1,000 bu	105,120	109,140	4,216,302	4,435,232
Sugarbeets .....				
Planted ..... 1,000 acres	157	155	1,162	1,160
Harvested ..... 1,000 acres	154	142	1,142	1,108
Yield ..... Tons	28.3	37.4	29.4	33.2
Production ..... 1,000 tons	4,358	5,311	33,610	36,751

## Winter Wheat Seedings

Michigan winter wheat seeded area for 2022 is estimated at 470,000 acres, a decrease of 23 percent from last year. Winter wheat planting progress lagged the five-year average for most of the season due to significant rainfall throughout much of October, before wrapping up just behind schedule around mid to late November. The crop condition was rated 50 percent good to excellent as of November 28, compared with 73 percent during the same period last year.

U.S. winter wheat planted area for harvest in 2022 is estimated at 34.4 million acres, up 2 percent from 2021 and up 13 percent from 2020. Seeding of the 2022 acreage was underway in early-September and began the month ahead of the 5-year average pace. Throughout the much of the season, planting progressed on pace with the 5-year average and reached 96 percent complete by November 21. Emergence was near or lagged slightly behind the 5-year average pace for most of the season.

### Winter Wheat Area Seeded - Michigan and United States: 2020 - 2022

Item	Michigan			United States		
	2020	2021	2022	2020	2021	2022
Planted ..... 1,000 acres	490	610	470	30,450	33,648	34,397
Harvested ..... 1,000 acres	450	560		23,029	25,464	
Yield ..... Bushels	75	81		50.9	50.2	
Production ..... 1,000 bushels	33,750	45,360		1,171,397	1,277,365	

## November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2021 are listed in the table below. Some Michigan highlights were: November corn, at \$5.12 per bushel, increased \$0.21 from October and increased \$1.36 from last year; November soybeans, at \$12.70 per bushel, increased \$0.40 from last month and increased \$1.90 from last year; November wheat, at \$6.83 per bushel, increased \$0.74 from October and increased \$1.13 from last year; November milk, at \$19.70 per cwt., increased \$1.40 from last month and increased \$1.20 from last year.

Nationally, the November Prices Received Index 2011 Base (Agricultural Production), at 108.8, increased 1.9

percent from October and 17 percent from November 2020. At 107.3, the Crop Production Index was up 1.2 percent from last month and 17 percent from the previous year. The Livestock Production Index, at 110.6, increased 2.3 percent from October and 18 percent from November last year. Producers received higher prices during November for cattle, corn, soybeans, and milk but lower prices for lettuce, hogs, turkeys, and dry beans. In addition to prices, the volume change of commodities marketed also influences the indexes. In November, there was increased monthly movement for corn, milk, cotton, and cattle and decreased marketing of soybeans, grapes, wheat, and lettuce.

### Prices Received by Farmers<sup>1</sup> - Michigan and United States: November 2021 with Comparisons

Commodity	Michigan			United States		
	Nov 2020	Oct 2021	Nov 2021	Nov 2020	Oct 2021	Nov 2021
Beans, dry edible ..... dollars/cwt	27.80	47.40	45.50	29.60	43.10	36.70
Corn ..... dollars/bu	3.76	4.91	5.12	3.79	5.02	5.27
Hay, alfalfa ..... dollars/ton	185.00	195.00	195.00	164.00	213.00	210.00
Hay, other ..... dollars/ton	145.00	140.00	140.00	135.00	145.00	147.00
Oats ..... dollars/bu	3.38	3.66	(D)	2.97	4.29	4.80
Soybeans ..... dollars/bu	10.80	12.30	12.70	10.30	11.90	12.20
Wheat, winter ..... dollars/bu	5.70	6.09	6.83	5.33	7.23	7.78
Milk, all ..... dollars/cwt	18.50	18.30	19.70	21.10	19.70	20.80

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

<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 1.16 million head, down 150,000 head from a year ago. Breeding hog inventory, at 110,000 head, was down 10,000 from last December. Market hog

inventory, at 1.05 million head, was down 12 percent from last year. The average pigs saved per litter for the September to November quarter was 11.10, compared to 11.50 from the same period last year.

### Hog inventory and farrowings: Michigan and United States, December 1, 2021

Hogs and pigs	Michigan			United States		
	2020	2021	Change	2020	2021	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding .....	120	110	-8	6,176	6,180	0
Market .....	1,190	1,050	-12	71,136	68,021	-4
Under 50 pounds .....	380	310	-18	21,989	21,174	-4
50-119 pounds .....	320	275	-14	19,680	19,185	-3
120-179 pounds .....	245	225	-8	15,791	14,809	-6
180+ pounds .....	245	240	-2	13,675	12,853	-6
Total .....	1,310	1,160	-11	77,312	74,201	-4
Sows farrowed, Sep-Nov .....	56	48	-14	3,165	3,012	-5
Pigs/litter, Sep-Nov .....	11.50	11.10	-3	11.05	11.19	1
Pig crop, Sep-Nov .....	644	533	-17	34,987	33,712	-4
Sows farrowing, Dec-Feb <sup>1 2</sup> .....	52	51	-2	2,929	2,943	0
Sows farrowing, Mar-May <sup>1 2</sup> .....	50	49	-2	3,034	3,010	-1

<sup>1</sup> Intentions.

<sup>2</sup> Upcoming year.

## Chickens and Eggs

All layers in Michigan totaled 15.7 million during November, up 7 percent from a year ago. Egg production totaled 391 million eggs, up 6 percent from last year. The rate of lay during November was 2,486 eggs per 100 layers.

All layers in the U.S. totaled 392.1 million during November, up 1 percent from a year ago. There were 22.4 million turkey poults hatched in the U.S. in November, up 1 percent from the previous year.

### Egg and Hatchery Production – Michigan and United States: November 2020 and 2021

Item	2020	2021	Percent Change
<b>Michigan</b>			
All layers .....	14,771	15,739	7
Eggs per hundred layers .....	2,495	2,486	0
Eggs produced .....	369	391	6
<b>U.S.</b>			
All Layers .....	389,355	392,138	1
Eggs per hundred layers .....	2,396	2,390	0
Eggs produced .....	9,327	9,370	0
Turkey Eggs in incubators, Dec 1 .....	26,982	26,023	-4
Turkey Poults hatched, Nov .....	22,230	22,419	1

## December 1 Grain Stocks

On December 1, 2021, Michigan corn stocks totaled 264 million bushels, 3 percent higher than a year earlier. About 66 percent of the corn was stored on farms. The first quarter disappearance was 106 million bushels, compared with 85.0 million bushels a year earlier. Soybean stocks on December 1, 2021, were 78.3 million bushels. That was 7 percent higher than stocks a year earlier. Farm stocks of soybeans were 35.0 million bushels. The first quarter indicated disappearance was 38.2 million bushels compared with 43.6 million bushels a year ago. Wheat stocks on December 1, 2021, were 36.3 million bushels, 13 percent above a year ago. Second quarter indicated disappearance was 6.76 million bushels, compared with 8.80 million bushels last year.

## November Milk Production

Dairy herds in Michigan produced 942 million pounds of milk during November, down 0.8 percent from a year ago. Production per cow in Michigan averaged 2,170 pounds for November, 10 pounds below November 2020. The dairy herd was estimated at 434,000 head for November, down 2,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was \$19.70 per cwt., \$1.20 more than the price in November 2020.

### Milk Cows, Production, and Price – Michigan: November 2020 and 2021

Item	2020	2021
Cows ..... 1,000 hd	436	434
Milk per cow ..... lb/month	2,180	2,170
Production ..... mil lbs	950	942
Milk price, all ..... dol/cwt	18.50	19.70
Fat test ..... pct	3.98	4.04
Protein <sup>1</sup> ..... pct	3.26	3.32

<sup>1</sup> FMO 33

## 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!