



# Agriculture Across Michigan

## August 1 Crop Forecast

Michigan growers are anticipating smaller corn, soybean, dry bean, alfalfa hay and sugarbeet yields in 2022 than they had in 2021. Spring planting was delayed due to cold, wet conditions. The State has experienced drier than normal growing conditions and the Central and Thumb regions have been abnormally dry. Passing rains have helped to sustain field crops though later than normal planting and these dry conditions are anticipated to have a negative affect on crop yields. As of July 31, sixty-four percent of the corn crop was rated good to excellent, and 56 percent of the soybean crop was rated good to excellent; both condition ratings were lower than last year at the same time.

Highlights of the August 1 Crop Production report follow:

- Michigan's average corn yield is forecast at 170 bushels per acre, 4 bushels below last year. Total production is forecast at 321 million bushels, down 7 percent from last year. Production is down on a smaller yield and fewer planted acres.

- Soybean yield is forecast at 47 bushels per acre, down 4 bushels from last year. Total production is forecast at 105 million bushels, down 4 percent from last year. Despite farmers planting more soybean acres in 2022 in Michigan, total production is anticipated to be down due to a smaller yield.
- Winter Wheat yield is estimated at 84 bushels per acre, up 3 bushels from last year. Total production is forecast at 35.7 million bushels.
- Producers of dry beans are expecting their crop to yield 2,300 pounds per acre, down 110 pounds from last year. Production is expected to be 5.01 million hundredweight, nearly unchanged from last year due to an increase in acres planted in 2022.
- Michigan's 2022 apple production forecast is 1.10 billion pounds, up 68 percent from last year. The Michigan peach production forecast is 12,000 tons, up 43 percent from last year. Both the Michigan apple and peach crops had an ideal Spring with no major freezes or frosts that reduced the crops in the past 2 years.

### Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2021 - 2022

Commodity	Michigan		United States	
	2021	2022	2021	2022
Beans, dry .....				
Planted ..... 1,000 acres	210.0	220.0	1,394.0	1,284.0
Harvested ..... 1,000 acres	208.0	218.0	1,335.6	1,239.3
Yield ..... Pounds	2,410	2,300	1,701	1,979
Production ..... 1,000 cwt	5,011	5,014	22,721	24,525
Corn, all .....				
Planted ..... 1,000 acres	2,350	2,250	93,357	89,821
Corn, grain .....				
Harvested ..... 1,000 acres	1,990	1,890	85,388	81,840
Yield ..... Bushels	174.0	170.0	177.0	175.4
Production ..... 1,000 bu	346,260	321,300	15,115,170	14,358,679
Hay, alfalfa .....				
Harvested ..... 1,000 acres	560	570	15,246	15,465
Yield ..... Tons	3.10	1.90	3.23	3.17
Production ..... 1,000 tons	1,736	1,083	49,245	49,100
Hay, other .....				
Harvested ..... 1,000 acres	230	230	35,490	36,042
Yield ..... Tons	1.90	2.00	2.00	1.88
Production ..... 1,000 tons	437	460	70,951	67,659
Oats .....				
Planted ..... 1,000 acres	55	50	2,550	2,392
Harvested ..... 1,000 acres	20	30	650	796
Yield ..... Bushels	63	62	61	66.1
Production ..... 1,000 bu	1,260	1,860	39,836	52,576
Soybeans .....				
Planted ..... 1,000 acres	2,150	2,250	87,195	88,025
Harvested ..... 1,000 acres	2,140	2,230	86,332	87,211
Yield ..... Bushels	51.0	47.0	51.4	51.9
Production ..... 1,000 bu	109,140	104,810	4,435,232	4,530,561
Sugarbeets .....				
Planted ..... 1,000 acres	155.0	140.0	1,160.0	1,178.4
Harvested ..... 1,000 acres	142.0	137.0	1,107.6	1,146.1
Yield ..... Tons	37.4	31.0	33.2	29.2
Production ..... 1,000 tons	5,311	4,247	36,751	33,486
Wheat, winter .....				
Planted ..... 1,000 acres	610	470	33,648	34,006
Harvested ..... 1,000 acres	560	425	25,464	25,002
Yield ..... Bushels	81	84	50	47.9
Production ..... 1,000 bu	45,360	35,700	1,277,365	1,197,650

## Farm Production Expenditures Up More than 7 Percent

Farm production expenditures in the United States are estimated at \$392.9 billion for 2021, up from \$366.2 billion in 2020. The 2021 total farm production expenditures are up 7.3 percent compared with 2020 total farm production expenditures. Fifteen expenditure items showed an increase from the previous year, while two showed a decrease.

The four largest expenditures at the United States level total \$189.4 billion and account for 48.3 percent of total expenditures in 2021. These include feed, 16.6 percent, farm services, 11.5 percent, livestock, poultry, and related expenses, 10.8 percent, and labor, 9.4 percent.

In 2021, the United States total farm expenditure average per farm is \$196,087, up 7.7 percent from \$182,130 in 2020. On average, United States farm operations spent \$32,540 on feed, \$21,161 on livestock, poultry, and related expenses, \$22,458 on farm services, and \$18,366 on labor. For 2020, United States farms spent an average of \$28,250 on feed, \$22,232 on farm services, \$19,695 on livestock, poultry, and related expenses, and \$18,253 on labor.

The United States economic sales class contributing most to the 2021 United States total expenditures is the \$1,000,000 - \$4,999,999 class, with expenses of \$122.1 billion, 31.1 percent of the United States total, up 4.9 percent from the 2020 level of \$116.4 billion. The next highest is the \$5,000,000 and over class with \$116.9 billion, up 19.4 percent from \$97.9 billion in 2020.

The Midwest region, which includes Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin contributed the most to United States total expenditures with expenses of \$124.9 billion (31.8 percent), up from \$112.8 billion in 2020. Other regions, ranked by total expenditures, are the Plains at \$99.2 billion (25.2 percent), West at \$86.7 billion (22.1 percent), Atlantic at \$42.9 billion (10.9 percent), and South at \$39.2 billion (10.0 percent).

For further information on USDA farm expenditures, please visit [https://www.nass.usda.gov/Statistics\\_by\\_Subject/Economics\\_and\\_Prices/index.php](https://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php)

## Farm Real Estate Values and Cash Rents

The 2022 average Michigan farm real estate value, including land and buildings, averaged \$5,850 per acre. Farm real estate values in Michigan were up 10.4 percent from 2021. Michigan is in the Lake States region, which also includes Minnesota and Wisconsin. The Lakes States region value was \$5,960 per acre, up 13.7 percent from 2021. The value of farm real estate in States bordering Michigan were: Wisconsin, \$5,700 per acre; Ohio, \$7,200 per acre; and Indiana, \$8,000 per acre.

Michigan's cropland value increased 12.8 percent from the previous year to \$5,300 per acre. The Lake States region experienced a 15.7 percent increase to \$5,970 per acre. The average value of cropland in the

United States increased 14.3 percent from 2021 to \$5,050 per acre. Michigan's pasture value was \$2,900 per acre, up 5.8 percent from 2021.

Michigan's cropland cash rent was \$144.00 per acre in 2022, up \$6.00 from the previous year. Cropland cash rents in the Lake States increased \$8.00 from last year to \$170.00 per acre. The cropland cash rents in the States bordering Michigan were: Wisconsin, \$149.00 per acre; Ohio, \$170.00 per acre; and Indiana, \$212.00 per acre.

Pasture cash rents in the Lake States region remained steady at \$30.00 per acre. Pasture cash rent in the United States was \$14.00 per acre.

## Chickens and Eggs

All layers in Michigan totaled 17.0 million during June, up 17 percent from a year ago. Egg production totaled 428 million eggs, up 18 percent from last year. The rate of lay during June was 2,516 eggs per 100 layers.

All layers in the U.S. totaled 366.0 million during June, down 4 percent from a year ago. There were 22.6 million turkey poult hatchlings in the U.S. in June, up 2 percent from the previous year.

### Egg and Hatchery Production - Michigan and United States: June 2021 and 2022

Item	2021	2022	Percent Change
<b>Michigan</b>			
All layers .....	14,598	17,017	17
Eggs per hundred layers .....	2,486	2,516	1
Eggs produced .....	363	428	18
<b>U.S.</b>			
All Layers .....	383,040	366,049	-4
Eggs per hundred layers .....	2,329	2,367	2
Eggs produced .....	8,922	8,665	-3
Turkey Eggs in incubators, Jul 1 .....	26,870	26,611	-1
Turkey Poults hatched, Jun .....	22,098	22,647	2

## June Agricultural Prices

Prices received by Michigan farmers for the full month of June 2022 are listed in the table below. Some Michigan highlights were: June corn, at \$6.66 per bushel, decreased \$0.35 from May but increased \$0.61 from last year; June soybeans, at \$16.80 per bushel, increased \$0.20 from last month and increased \$0.60 from last year; June wheat, at \$9.14 per bushel, decreased \$0.23 from May but increased \$2.65 from last year; June milk, at \$26.30 per cwt., decreased \$0.20 from last month but increased \$8.30 from last year.

Nationally, the June Prices Received Index 2011 Base (Agricultural Production), at 134.8, increased 0.2 percent from May and 26 percent

from June 2021. At 125.6, the Crop Production Index was up 2.2 percent from last month and 17 percent from the previous year. The Livestock Production Index, at 144.9, decreased 0.8 percent from May, but increased 35 percent from June last year. Producers received higher prices during June for oranges, corn, hogs, and soybeans but lower prices for strawberries, broilers, milk, and wheat. In addition to prices, the volume change of commodities marketed also influences the indexes. In June, there was increased monthly movement for wheat, hay, peaches, and corn and decreased marketing of oranges, milk, broilers, and strawberries.

### Prices Received by Farmers<sup>1</sup> - Michigan and United States: June 2022 with Comparisons

Commodity	Michigan			United States		
	Jun 2021	May 2022	Jun 2022	Jun 2021	May 2022	Jun 2022
Beans, dry edible .....	39.00	54.10	(D)	40.10	51.50	47.80
Corn .....	6.05	7.01	6.66	6.00	7.26	7.37
Hay, alfalfa .....	190.00	190.00	190.00	199.00	244.00	245.00
Hay, other .....	150.00	125.00	130.00	140.00	143.00	146.00
Oats .....	3.27	7.00	(S)	3.42	6.35	6.61
Soybeans .....	16.20	16.60	16.80	14.50	16.10	16.40
Wheat, winter .....	6.49	9.37	9.14	6.10	10.50	9.14
Milk, all .....	18.00	26.50	26.30	18.20	27.30	26.90

(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.

## June Milk Production

Dairy herds in Michigan produced 1 billion pounds of milk during June, down 1.0 percent from a year ago. Production per cow in Michigan averaged 2,330 pounds for June, 60 pounds above June 2021. The dairy herd was estimated at 429,000 head for June, down 16,000 head from a year earlier. The average price of milk sold in June by Michigan dairy producers was \$26.30 per cwt., \$8.30 more than the price in June 2021.

### Milk Cows, Production, and Price – Michigan: June 2021 and 2022

Item	2021	2022
Cows ..... 1,000 hd	445	429
Milk per cow ..... lbs/month	2,270	2,330
Production ..... mil lbs	1,010	1,000
Milk price, all ..... dol/cwt	18.00	26.30
Fat test ..... pct	3.76	3.82
Protein <sup>1</sup> ..... pct	3.09	3.10

<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!