



Agriculture Across Michigan

August 1 Crop Forecast

A dry May and June lowered grower expectations for hay, soybean, and dry bean yields in Michigan. Michigan corn and soybean planting was unhampered by wet soil conditions in May and June. Planting concluded earlier than normal but the crop stalled due to abnormally dry weather. Precipitation returned in July and crops began to progress, though not without having suffered some potential yield loss. Hay producers anticipate lower yields due to slow regrowth after the first cutting. Corn producers remain optimistic, with Michigan growers anticipating slightly better yields this year than last. Sugarbeet producers report that the crop has responded very favorably to precipitation in July.

Highlights of the August 1 Crop Production report follow:

- Michigan's average corn yield is forecast at 170 bushels per acre, 2 bushels above last year. Total production is forecast at 349 million bushels, up 4 percent from last year. Production is up on a larger yield and more planted acres.
- Soybean yield is forecast at 46 bushels per acre, down 1 bushel from last year. Total production is forecast at 94 million bushels, down 11

percent from last year. Total production is down due to smaller anticipated yields and fewer acres planted.

- Winter Wheat yield is estimated at 83 bushels per acre, unchanged from last year. Total production is forecast at 46.5 million bushels, up 35 percent from last year due to more acres harvested.
- Producers of dry beans are expecting their crop to yield 2,200 pounds per acre, down 200 pounds from last year. Production is expected to be 4.69 million hundredweight, down 9 percent from last year due to a smaller anticipated yield this year.
- Michigan's 2023 apple production forecast is 1.150 billion pounds, down 15 percent from last year's record high. The Michigan peach production forecast is 11,000 tons, down 4 percent from last year. Both the Michigan apple and peach crops had a very good Spring with no major freezes or frosts that reduced the crops. Precipitation in July benefitted both crops.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2022 - 2023

Commodity	Michigan		United States	
	2022	2023	2022	2023
Beans, dry				
Planted 1,000 acres	215.0	215.0	1,250.0	1,237.0
Harvested 1,000 acres	214.0	213.0	1,223.0	1,194.8
Yield Pounds	2,400	2,200	2,113	1,899
Production 1,000 cwt	5,141	4,686	25,847	22,695
Corn, all				
Planted 1,000 acres	2,350	2,400	88,579	94,096
Corn, grain				
Harvested 1,000 acres	2,000	2,050	79,207	86,322
Yield Bushels	168.0	170.0	173.3	175.1
Production 1,000 bu	336,000	348,500	13,729,719	15,110,787
Hay, alfalfa				
Harvested 1,000 acres	560	570	14,913	15,658
Yield Tons	2.60	2.40	3.22	3.13
Production 1,000 tons	1,456	1,368	47,958	48,936
Hay, other				
Harvested 1,000 acres	230	230	34,633	36,318
Yield Tons	1.90	1.70	1.87	1.92
Production 1,000 tons	437	391	64,843	69,894
Oats				
Planted 1,000 acres	50	50	2,581	2,558
Harvested 1,000 acres	30	20	890	804
Yield Bushels	61	50	65	61.5
Production 1,000 bu	1,830	1,000	57,655	49,454
Soybeans				
Planted 1,000 acres	2,250	2,050	87,450	83,505
Harvested 1,000 acres	2,240	2,040	86,336	82,696
Yield Bushels	47.0	46.0	49.5	50.9
Production 1,000 bu	105,280	93,840	4,276,123	4,205,450
Sugarbeets				
Planted 1,000 acres	139.0	134.0	1,159.5	1,128.5
Harvested 1,000 acres	138.0	133.0	1,137.1	1,110.7
Yield Tons	28.8	30.2	28.6	30.9
Production 1,000 tons	3,974	4,017	32,574	34,358
Wheat, winter				
Planted 1,000 acres	460	600	33,271	36,810
Harvested 1,000 acres	415	560	23,459	25,495
Yield Bushels	83	83	47	48.1
Production 1,000 bu	34,445	46,480	1,103,707	1,227,235

Farm Production Expenditures Up More than 15 Percent

Farm production expenditures in the United States are estimated at \$452.7 billion for 2022, up from \$392.9 billion in 2021. The 2022 total farm production expenditures are up 15.2 percent compared with 2021 total farm production expenditures. All seventeen expenditure items showed an increase from the previous year.

The four largest expenditures at the United States level total \$219.6 billion and account for 48.5 percent of total expenditures in 2022. These include feed, 18.5 percent, farm services, 10.8 percent, livestock, poultry, and related expenses, 10.1 percent, and labor, 9.2 percent.

In 2022, the United States total farm expenditure average per farm is \$226,986, up 15.8 percent from \$196,087 in 2021. On average, United States farm operations spent \$41,917 on feed, \$22,864 on livestock, poultry, and related expenses, \$24,469 on farm services, and \$20,858 on labor. For 2021, United States farms spent an average of \$32,540 on feed, \$22,458 on farm services, \$21,161 on livestock, poultry, and related expenses, and \$18,366 on labor.

The United States economic sales class contributing most to the 2022 United States total expenditures is the \$1,000,000 to \$4,999,999 class, with expenses of \$149.1 billion, 32.9 percent of the United States total, up 22.1 percent from the 2021 level of \$122.1 billion. The next highest is the \$5,000,000 and over class with \$130.8 billion, up 11.8 percent from \$116.9 billion in 2021.

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 \$141.6 billion (31.4 percent), up from \$124.9 billion in 2021. Other regions, ranked by total expenditures, are the Plains at \$112.1 billion (24.8 percent), West at \$98.0 billion (21.7 percent), Atlantic at \$54.0 billion (11.9 percent), and South at \$47.0 billion (10.4 percent).

For further information on USDA farm expenditures, please visit https://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

Farm Real Estate Values and Cash Rents

The 2023 average Michigan farm real estate value, including land and buildings, averaged \$6,400 per acre. Farm real estate values in Michigan were up 9.4 percent from 2022. Michigan is in the Lake States region, which also includes Minnesota and Wisconsin. The Lakes States region value was \$6,450 per acre, up 8.2 percent from 2022. The value of farm real estate in States bordering Michigan were: Wisconsin, \$6,200 per acre; Ohio, \$7,800 per acre; and Indiana, \$9,100 per acre.

Michigan's cropland value increased 11.3 percent from the previous year to \$5,900 per acre. The Lake States region experienced a 10.9 percent increase to \$6,620 per acre. The average value of cropland in the

United States increased 8.1 percent from 2022 to \$5,460 per acre. Michigan's pasture value was \$3,100 per acre, up 6.9 percent from 2022.

Michigan's cropland cash rent was \$148 per acre in 2023, up \$4.00 from the previous year. Cropland cash rents in the Lake States increased \$10.00 from last year to \$180 per acre. The cropland cash rents in the States bordering Michigan were: Wisconsin, \$156 per acre; Ohio, \$178 per acre; and Indiana, \$226 per acre.

Pasture cash rents in the Lake States region increased by \$2.50 to \$32.50 per acre. Pasture cash rent in the United States was \$15.00 per acre.

Chickens and Eggs

All layers in Michigan totaled 16.4 million during June, down 4 percent from a year ago. Egg production totaled 409 million eggs, down 4 percent from last year. The rate of lay during June was 2,500 eggs per

100 layers. All layers in the U.S. totaled 386.6 million during June, up 5 percent from a year ago. There were 24.0 million turkey poults hatched in the U.S. in June, up 4 percent from the previous year.

Egg and Hatchery Production - Michigan and United States: June 2022 and 2023

Item	2022	2023	Percent Change
Michigan			
All layers thousand	17,017	16,370	-4
Eggs per hundred layers number	2,516	2,500	-1
Eggs produced million	428	409	-4
U.S.			
All Layers thousand	367,417	386,576	5
Eggs per hundred layers number	2,367	2,348	-1
Eggs produced million	8,697	9,077	4
Turkey Eggs in incubators, Jul 1 thousand	26,895	27,240	1
Turkey Poults hatched, Jun thousand	22,971	23,968	4

June Agricultural Prices

Prices received by Michigan farmers for the full month of June 2023 are listed in the table below. Some Michigan highlights were: June corn, at \$6.28 per bushel, increased \$0.24 from May and decreased \$0.38 from last year; June soybeans, at \$14.90 per bushel, decreased \$0.40 from last month and decreased \$1.90 from last year; June wheat, at \$6.45 per bushel, decreased \$0.36 from May and decreased \$2.69 from last year; June milk, at \$17.80 per cwt., decreased \$1.40 from last month and decreased \$8.50 from last year.

Nationally, the June Prices Received Index 2011 Base (Agricultural Production), at 127.7, increased 0.4 percent from May but decreased 5.3

percent from June 2022. At 120.8, the Crop Production Index was up 0.2 percent from last month but down 4.1 percent from the previous year. The Livestock Production Index, at 135.1, increased 1.0 percent from May, but decreased 6.5 percent from June last year. Producers received higher prices during June for cattle, hogs, market eggs, and oranges but lower prices for milk, broilers, lettuce, and cotton. In addition to prices, the volume change of commodities marketed also influences the indexes. In June, there was increased monthly movement for wheat, hay, grapes, and peaches and decreased marketing of cattle, oranges, strawberries, and broilers.

Prices Received by Farmers¹ - Michigan and United States: June 2023 with Comparisons

Commodity	Michigan			United States		
	Jun 2022	May 2023	Jun 2023	Jun 2022	May 2023	Jun 2023
Beans, dry edibledollars/cwt	(D)	44.50	45.60	47.80	42.50	39.50
Corndollars/bu	6.66	6.04	6.28	7.38	6.54	6.49
Hay, alfalfadollars/ton	190.00	195.00	200.00	245.00	279.00	263.00
Hay, otherdollars/ton	130.00	130.00	135.00	146.00	175.00	172.00
Oatsdollars/bu	(S)	(S)	(D)	6.61	4.31	4.15
Soybeansdollars/bu	16.80	15.30	14.90	16.40	14.40	14.20
Wheat, winterdollars/bu	9.14	6.81	6.45	9.16	7.67	7.32
Milk, alldollars/cwt	26.30	19.20	17.80	26.70	19.30	17.90

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

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

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Michigan produced 1.005 billion pounds of milk during June, up 3.2 percent from a year ago. Production per cow in Michigan averaged 2,305 pounds for June, 25 pounds above June 2022. The dairy herd was estimated at 436,000 head for June, up 9,000 head from a year earlier.

Milk Cows, Production, and Price – Michigan: June 2022 and 2023

Item	2022	2023
Cows 1,000 hd	427	436
Milk per cow lbs/month	2,280	2,305
Production mil lbs	974	1,005
Milk price, all dol/cwt	26.30	17.80
Fat test pct	3.82	3.93
Protein ¹ pct	3.17	3.19

¹ 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!