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Great Lakes Region

Agriculture Across Michigan

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2022 Crop Values Summary

The preliminary farm value of Michigan field crops produced in 2022 was $4.90 billion, down 1 percent from 2021. Higher prices across most commodities were coupled with lower yields which resulted in lower total value of production in 2022. Some Michigan highlights from the Crop Values Annual Summary report follow:

- Corn for grain value increased 4 percent to $2.12 billion in 2022. The average price was $6.30 per bushel.
- Soybean value of $1.55 billion was up 1 percent from 2021. The average price was $14.70 per bushel.
- Wheat value decreased 5 percent to $269 million. The average price was $7.80 per bushel.
- Dry bean value, $234 million, was up 6 percent from last year. The average price was $45.60 per cwt.

Nationally:

- U.S. corn for grain value increased 1 percent to $91.7 billion in 2022.
- Soybean value in the U.S. was up 3 percent to $61.1 billion.
- U.S. all wheat value increased 20 percent to 15 billion.

Value of Crop Production-Michigan and United States: 2021-2022

Crop	Michigan				United States			
	Price per unit		Value of production		Price per unit		Value of production	
	2021	2022	2021	2022	2021	2022	2021	2022
	(Dollars)	(Dollars)	(Million dollars)	(Million dollars)	(Dollars)	(Dollars)	(Million dollars)	(Million dollars)
Total field and misc. crops	NA	NA	4,929.3	4,904.5	NA	NA	213,002.7	219,384.9
Corn for Grain ..... Bushel	5.86	6.30	2,029.1	2,116.8	6.00	6.70	90,615.6	91,729.7
All Hay ..... Ton	177.00	168.00	397.1	326.5	193.00	235.00	19,662.2	21,252.4
Soybeans ..... Bushel	14.00	14.70	1,528.0	1,547.6	13.30	14.30	59,152.3	61,148.4
All dry beans ..... CWT	44.20	45.60	220.5	234.4	41.30	41.00	929.0	1,076.7
All wheat ..... Bushel	6.24	7.80	283.0	268.7	7.63	9.00	12,208.2	14,595.7
All potatoes ..... CWT	13.10	14.40	253.5	237.1	10.20	12.90	4,174.3	5,069.5
Sugarbeets ..... Ton	38.50	([1])	204.5	([1])	52.70	([1])	1,936.5	([1])
Oats ..... Bushel	3.88	5.10	4.9	9.3	4.55	4.85	186.0	294.0
Maple syrup ..... Gallon	46.30	([2])	6.9	([2])	35.90	([2])	133.6	([2])

[1] The 2022 U.S. price and value will be published in "Agricultural Prices" released July 2023. The 2022 State price and value will be published in "Crop Values 2023 Summary" released February 2024.

[2] The 2022 price and value will be published in "Crop Production" released June 2023.

January Milk Production

Dairy herds in Michigan produced 1.004 billion pounds of milk during January, up 2.1 percent from a year ago. Production per cow in Michigan averaged 2,325 pounds for January, 40 pounds above January 2022. The dairy herd was estimated at 432,000 head for January, up 2,000 head from a year earlier. The average price of milk cows in January was $1,800 per head, up $390 from a year ago. The average price of milk sold in January by Michigan dairy producers was $22.60 per cwt., $0.60 less than the price in January 2022.

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

Item	2022	2023
Cows .....1,000 hd	430	432
Milk per cow .....lbs/month	2,285	2,325
Production ..... mil lbs	983	1,004
Milk cow price .....dol/hd	1,410	1,800
Milk price, all ..... dol/cwt	23.20	22.60
Fat test .....pct	4.11	4.09
Protein [1] .....pct	3.31	3.27

[1] FMO 33

January Agricultural Prices

Prices received by Michigan farmers for the full month of January 2023 are listed in the table below. Some Michigan highlights were: January corn, at $6.39 per bushel, increased $0.22 from December and increased $0.92 from last year; January soybeans, at $15.30 per bushel, increased $0.70 from last month and increased $1.80 from last year; January wheat, at $7.65 per bushel, decreased $0.49 from December but increased $1.28 from last year; January milk, at $22.60 per cwt., decreased $0.80 from last month and decreased $0.60 from last year.

Nationally, the January Prices Received Index 2011 Base (Agricultural Production), at 124.6, decreased 9.7 percent from December but increased 11 percent from January 2022. At 118.1, the Crop Production Index was down 8.3 percent from last month but up 13 percent from the previous year. The Livestock Production Index, at 136.3, decreased 9.7 percent from December, but increased 9.7 percent from January last year. Producers received lower prices during January for market eggs, lettuce, milk, and broccoli, but higher prices for cattle, oranges, corn, and apples. In addition to prices, the volume change of commodities marketed also influences the indexes. In January, there was decreased marketing of milk, market eggs, cattle, and grapes and increased monthly movement for corn, soybeans, wheat, and strawberries.

Prices Received by Farmers[1] - Michigan and United States: January 2023 with Comparisons

Commodity	Michigan			United States		
	Jan 2022	Dec 2022	Jan 2023	Jan 2022	Dec 2022	Jan 2023
Beans, dry edible ..... dollars/cwt	40.90	43.80	42.10	43.20	40.20	39.60
Corn .....dollars/bu	5.47	6.17	6.39	5.58	6.58	6.64
Hay, alfalfa .....dollars/ton	200.00	190.00	185.00	215.00	269.00	263.00
Hay, other .....dollars/ton	140.00	120.00	120.00	153.00	177.00	175.00
Oats .....dollars/bu	5.02	4.49	5.05	5.68	4.66	4.33
Soybeans .....dollars/bu	13.50	14.60	15.30	12.90	14.40	14.50
Wheat, winter .....dollars/bu	6.37	8.14	7.65	7.70	8.44	8.32
Milk, all ..... dollars/cwt	23.20	23.40	22.60	24.20	24.70	23.10

[1] Entire month weighted average price.

February Potato Stocks

Potato stocks in Michigan on February 1,2023, were estimated at 7.2 million hundredweight (cwt), down 9 percent from last year's 7.9 million cwt. February's stocks represent 44 percent of the total production. Stocks include potatoes stored by both processors and growers.

Potatoes held in storage on February 1, 2023 totaled 192 million cwt, down 3 percent from February 1, 2022. Potatoes in storage accounted for 49 percent of the 2022 production, up 1 percent from the same period a year earlier. The indicated season to date disappearance, at 200 million cwt, was down 5 percent from the same period last year. Season to date shrink and loss, at 15.3 million cwt, was down slightly from the same time last year. Processors in the 8 States used 112 million cwt of potatoes for the season, down 2 percent from February 2022.

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2022 County Estimates Highlights

The National Agricultural Statistics Service released county acreage and production estimates for major row crops on February 24, 2023. These figures, combined with the small grain estimates released on December 15, 2022, are the direct result of an extensive data collection effort that included the September and December Agricultural Surveys and their corresponding County Agricultural Production Surveys. These surveys utilize sampling methodology that identifies sample sizes that can produce figures with a high level of accuracy while minimizing survey burden. Not every farmer will be contacted any given year. The sampling process produces a rotation of names, so all growers are likely to be contacted at some point.

There are instances where some counties may not be published. This is the result of insufficient data collected for that county. While samples drawn are sufficient to produce publishable numbers, the surveys that collect data are voluntary. Low participation rates may prevent NASS from producing statistically reliable estimates for that county.

Below are some highlights. The three highest county average corn yields were found in Lenawee County, with 188.4 bushels per acre; Ionia County, with 187.0 bushels per acre; and Hillsdale County, with 186.7 bushels per acre. The top three corn producing counties were Lenawee County, with 16.3 million bushels; Saginaw County, with 15.3 million bushels; and Sanilac County, with 14.7 million bushels. The three highest county average soybean yields were found in Ionia County, with 55.2 bushels per acre; Eaton County, with 53.3 bushels per acre; and Gratiot and Mason Counties, with 52.9 bushels per acre. The top three soybean producing counties were Lenawee County, with 7.41 million bushels; Sanilac County, with 6.77 million bushels; and Saginaw County, with 6.07 million bushels. The highest county average winter wheat yields were found in Huron County, with 97.9 bushels per acre; Sanilac County, with 91.4 bushels per acre; and St Clair County, with 90.8 bushels per acre. The top three winter wheat producing counties were Huron County, with 6.57 million bushels; Sanilac County, with 4.07 million bushels; and Tuscola County, with 2.34 million bushels.

County estimates for 2022 and all previous years are available via the Quick Stats searchable database at: www.nass.usda.gov. Maps and tables for recent years are available at:
https://www.nass.usda.gov/Statistics_by_State/Michigan/Publications/County_Estimates/index.php.

The National Agricultural Statistics Service would like to thank all those who supported this project through their survey participation. Our survey respondents play a vital role in an important service to U.S. Agriculture.

Chickens and Eggs

All layers in Michigan totaled 16.6 million during January, up 1 percent from a year ago. Egg production totaled 419 million eggs, up 1 percent from last year. The rate of lay during January was 2,523 eggs per 100 layers. All layers in the U.S. totaled 375.3 million during January, down 5 percent from a year ago. There were 23.4 million turkey poults hatched in the U.S. in January, up 3 percent from the previous year.

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

Item	2022	2023	Percent Change
Michigan			
All layers ..... thousand	16,413	16,626	1
Eggs per hundred layers ..... number	2,524	2,523	0
Eggs produced ..... million	414	419	1
U.S.			
All Layers ..... thousand	394,962	375,316	-5
Eggs per hundred layers ..... number	2,450	2,413	-2
Eggs produced ..... million	9,677	9,058	-6
Turkey Eggs in incubators, Feb 1 ..... thousand	26,675	26,808	0
Turkey Poults hatched, Jan ..... thousand	22,670	23,427	3

Michigan Trout Production

The value of all trout sold and distributed in Michigan was $7,028,000 in 2022. This is up 44 percent from last year.

Information by sales category was only published for 6 to 12 inches to avoid disclosing data for individual operations.

Losses of trout intended for sale in Michigan were not published to avoid disclosing data for individual operations.

The total value of fish sales received by trout growers in the United States totaled 103 million dollars for 2022, an increase of 4 percent from 2021.

Michigan Farm Numbers

The number of farms in Michigan in 2022 was 44,300. Land in farms was 9.2 million acres, down 500,000 acres from last year. The average size farm in Michigan was 208 acres per farm, down from 211 acres in 2021.

The number of farms in the United States for 2022 is estimated at 2,002,700, down 9,350 farms from 2021. Total land in farms, at 893,400,000 acres, decreased 1,900,000 acres from 2021. The average farm size for 2022 is 446 acres, up from 445 acres the previous year.

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!

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