



Agriculture Across Michigan

USDA To Collect Final 2023 Crop Production And Stocks Data

As the 2023 growing season comes to an end, the U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) will contact producers nationwide to gather final year-end crop production numbers and the amount of grains and oilseeds stored on their farms. At the same time, NASS will survey commercial storage facility operators to determine year-end grain and oilseed stocks.

These surveys are some of the largest and most important surveys conducted by NASS each year. The data we receive from these year-end surveys are the basis for official USDA estimates of production and harvested acres of all major agricultural commodities in the United States and year-end grain and oilseed supplies. The results from these surveys will benefit farmers and processors by providing timely and accurate information to help them make critical year-end business decisions and begin planning for the next growing and marketing season. NASS will analyze the survey information and publish the results in a series of USDA

reports, including the *Crop Production Annual Summary* and quarterly *Grain Stocks* reports, both to be released Friday, January 12, 2024.

Responses to the producer survey will also be used in the NASS County Estimate program. County yield estimates resulting from this survey will be used by USDA for various programs, including those administered by USDA’s Farm Service Agency and Risk Management Agency. This is the one opportunity to be included in the calculation of Michigan county yields. As with all NASS surveys, information provided by respondents is confidential, as required by federal law. NASS safeguards the privacy of all responses and publishes only aggregate data, ensuring that no individual operation or producer can be identified. These and all NASS reports are available online at www.nass.usda.gov. For more information on NASS surveys and reports, call the NASS Great Lakes Regional Field Office at (800) 453-7501.

Potato Production

Michigan's 2023 potato crop is forecast to be 19.5 million hundredweight (cwt), up 3 percent from a year ago. Planted acres, at 48,000, increased 2,000 acres from last year. Harvested acres, at 47,500, were also up 2,000 from 2022. Average yield, forecasted at 410 cwt per acre, was down 5 cwt from the previous year. The first potato stocks estimate for the 2023 crop year will be released December 15, 2023.

Nationally, production of potatoes for the 2023 crop year is forecast at 434 million cwt, up 9 percent from last year. Planted acreage, at 964,000 acres, is up 2 percent from the June estimate and up 5 percent from last season. Area harvested, at 959,800 acres, is up 5 percent from the previous year. The yield forecast, at 452 cwt per acre, is up 14 cwt from last year’s yield.

Potato Area Planted and Harvested, Yield, and Production - Michigan and United States: 2021-2023

Item	Michigan			United States		
	2021	2022	2023	2021	2022	2023
Planted 1,000 acres	46,000	46,000	48,000	933,000	916,000	964,000
Harvested 1,000 acres	45,000	45,500	47,500	923,600	911,400	959,800
Yield Cwt/Acre	430	415	410	444	438	452
Production 1,000 Cwt	19,350	18,883	19,475	409,829	398,744	434,224

September Agricultural Prices

Prices received by Michigan farmers for the full month of September 2023 are listed in the table below. Some Michigan highlights were: September corn, at \$5.31 per bushel, decreased \$0.27 from August and decreased \$1.36 from last year; September soybeans, at \$14.30 per bushel, decreased \$0.60 from last month and decreased \$1.30 from last year; September wheat, at \$5.50 per bushel, decreased \$0.53 from August and decreased \$2.62 from last year; September milk, at \$20.30 per cwt., increased \$1.20 from last month but decreased \$3.10 from last year.

Nationally, the September Prices Received Index 2011 Base (Agricultural Production), at 122.6, decreased 2.9

percent from August and 7.1 percent from September 2022. At 113.9, the Crop Production Index was down 4.2 percent from last month and 11 percent from the previous year. The Livestock Production Index, at 133.1, decreased 0.9 percent from August, and 2.6 percent from September last year. Producers received lower prices for corn, hogs, soybeans, and lettuce during September, but higher prices for broilers, milk, grapes, and broccoli. In addition to prices, the volume change of commodities marketed also influences the indexes. In September, there was decreased marketing of cattle, wheat, cotton, and peaches and increased monthly movement for soybeans, corn, dry beans, and apples.

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

Commodity	Michigan			United States		
	Sep 2022	Aug 2023	Sep 2023	Sep 2022	Aug 2023	Sep 2023
Beans, dry edible dollars/cwt	(D)	46.30	44.20	40.50	37.70	38.80
Corn dollars/bu	6.67	5.58	5.31	7.09	5.73	5.21
Hay, alfalfa dollars/ton	190.00	195.00	205.00	280.00	230.00	224.00
Hay, other dollars/ton	120.00	140.00	145.00	180.00	161.00	161.00
Oats dollars/bu	4.46	4.00	5.28	4.43	3.70	3.86
Soybeans dollars/bu	15.60	14.90	14.30	14.20	14.10	13.20
Wheat, winter dollars/bu	8.12	6.03	5.50	8.72	7.09	6.71
Milk, all dollars/cwt	23.40	19.10	20.30	24.10	19.70	21.00

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

¹ Entire month weighted average price.

Chickens and Eggs

All layers in Michigan totaled 16.1 million during September, down 5 percent from a year ago. Egg production totaled 392 million eggs, down 6 percent from last year. The rate of lay during September was 2,443 eggs per 100 layers.

All layers in the U.S. totaled 387.3 million during September, up 3 percent from a year ago. There were 21.6 million turkey poult hatched in the U.S. in September, down 3 percent from the previous year.

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

Item	2022	2023	Percent Change
Michigan			
All layers thousand	16,871	16,057	-5
Eggs per hundred layers number	2,473	2,443	-1
Eggs produced million	417	392	-6
U.S.			
All Layers thousand	376,141	387,251	3
Eggs per hundred layers number	2,366	2,367	0
Eggs produced million	8,899	9,165	3
Turkey Eggs in incubators, Oct 1 thousand	26,648	26,307	-1
Turkey Poults hatched, Sep thousand	22,254	21,597	-3

Red Meat Production

Commercial red meat production in Michigan totaled 108.4 million pounds in September 2023, down 3 percent from September 2022.

Commercial red meat production for the United States totaled 4.35 billion pounds in September, down 7 percent from the 4.66 billion pounds produced in September 2022.

Beef production, at 2.15 billion pounds, was 10 percent below the previous year. Cattle slaughter totaled 2.61 million head, down 10 percent from September 2022. The average live weight was down 2 pounds from the previous year, at 1,362 pounds.

Veal production totaled 3.6 million pounds, 15 percent below September a year ago. Calf slaughter totaled 21,700 head, down 31 percent from September 2022. The average live weight was up 50 pounds from last year, at 287 pounds.

Pork production totaled 2.19 billion pounds, down 3 percent from the previous year. Hog slaughter totaled 10.5 million head, down 2 percent from September 2022. The average live weight was down 4 pounds from the previous year, at 281 pounds.

Lamb and mutton production, at 10.2 million pounds, was down 6 percent from September 2022. Sheep slaughter totaled 173,800 head, 1 percent above last year. The average live weight was 116 pounds, down 9 pounds from September a year ago.

January to September 2023 commercial red meat production was 40.4 billion pounds, down 2 percent from 2022. Accumulated beef production was down 5 percent from last year, veal was down 12 percent, pork was up slightly from last year, and lamb and mutton production was down 3 percent.

November Crop Production

Michigan farmers expect higher yields for corn and sugarbeets in 2023, with soybean yields staying consistent with last year. The November Crop Production Report is based on conditions as of November 1, 2023. Some highlights of the report follow:

- Michigan corn production is forecast at 351 million bushels, up 5 percent from last year. The yield is forecast at 171 bushels per acre, up 3 bushels from last year and up 1 bushel from last month.
- Michigan's soybean yield is forecast at 47 bushels per acre, unchanged from a year ago but up 1 bushel from last month. Production is expected to be 94.5 million bushels, down 10 percent from 2022.
- Michigan sugarbeet growers anticipate a yield of 33.4 tons per acre, up 4.6 tons from last year. Production is forecast at 4.38 million tons.

- Nationally, corn production for grain is forecast at a record high 15.2 billion bushels, up 1 percent from the previous forecast and up 11 percent from 2022. Based on conditions as of November 1, yields are expected to average 174.9 bushels per harvested acre, up 1.9 bushels from the previous forecast and up 1.5 bushels from last year. Area harvested for grain, forecast at 87.1 million acres, is unchanged from the previous forecast but up 10 percent from the last year.

- U.S. soybean production for beans is forecast at 4.13 billion bushels, up 1 percent from the previous forecast but down 3 percent from last year. Based on conditions as of November 1, yields are expected to average 49.9 bushels per acre, up 0.3 bushel from both the previous forecast and 2022. Area harvested for beans in the United States is forecast at 82.8 million acres, unchanged from the previous forecast but down 4 percent from 2022.

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

Commodity	Michigan		United States	
	2022	2023	2022	2023
Corn, all				
Planted 1,000 acres	2,350	2,400	88,589	94,868
Corn, grain				
Harvested 1,000 acres	1,990	2,050	79,115	87,096
Yield Bushels	168.0	171.0	173.4	174.9
Production 1,000 bu	334,320	350,550	13,714,676	15,234,285
Soybeans				
Planted 1,000 acres	2,250	2,020	87,450	83,600
Harvested 1,000 acres	2,240	2,010	86,169	82,791
Yield Bushels	47.0	47.0	49.6	49.9
Production 1,000 bu	105,280	94,470	4,270,196	4,129,449
Sugarbeets				
Planted 1,000 acres	139.0	133.0	1,159.5	1,132.3
Harvested 1,000 acres	138.0	131.0	1,137.1	1,118.6
Yield Tons	28.8	33.4	28.6	31.7
Production 1,000 tons	3,974	4,375	32,574	35,508

September Milk Production

Dairy herds in Michigan produced 983 billion pounds of milk during September, up 2.7 percent from a year ago. Production per cow in Michigan averaged 2,240 pounds for September, 5 pounds above September 2022. The dairy herd was estimated at 439,000 head for September, up 11,000 head from a year earlier. The average price of milk sold in September by Michigan dairy producers was \$20.30 per cwt., \$3.10 less than the price in September 2022.

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

Item	2022	2023
Cows 1,000 hd	428	439
Milk per cow lbs/month	2,235	2,240
Production mil lbs	957	983
Milk price, all dol/cwt	23.40	20.30
Fat test pct	3.90	4.01
Protein ¹ pct	3.18	3.18

¹ FMO 33

Michigan Farmers Asked to Help Determine Cost to Pollinate Crops

On October 27, USDA’s National Agricultural Statistics Service (NASS) mailed the Cost of Pollination Survey to Michigan crop producers. The survey was sent to nearly 16,000 producers nationwide.

Honeybees are important pollinators of crops ranging from apples to vegetables. To help accurately depict the health of the pollination industry in the United States, NASS will ask crop producers about their use of honeybees, the fees they paid for honeybee pollination, and any other expenses related to pollinating their crops.

Survey recipients are asked to respond securely online at agcounts.usda.gov through the Respondent Portal, by mail, or fax. Those who do not respond by Nov. 14 may be contacted by a NASS representative to arrange an interview to complete the survey.

All information reported by producers will be kept confidential, as required by federal law. NASS will publish the survey data December 15, 2023, on the NASS website at nass.usda.gov and in the NASS Quick Stats searchable database at www.quickstats.nass.usda.gov.

For more information about the Cost of Pollination Survey and NASS’s bee and honey program, visit [www.nass.usda.gov/Surveys/Guide to NASS Surveys/Bee and Honey/](https://www.nass.usda.gov/Surveys/Guide%20to%20NASS%20Surveys/Bee%20and%20Honey/). NASS’s other honeybee reports include the Honey report published every March and the Honeybee Colonies report published every August. For assistance with the survey, producers are encouraged to call the NASS Great Lakes Regional Office at 800-453-7501.

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!