



Agriculture Across Michigan

USDA To Collect Final 2022 Crop Production And Stocks Data

As the 2022 growing season officially 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 Thursday, January 12, 2023.

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 2022 potato crop is forecast to be 16.7 million hundredweight (cwt), down 14 percent from a year ago. Planted acres, at 45,000, decreased 1,000 acres from last year. Harvested acres, at 44,000, were down 1,000 from 2021. Average yield, forecasted at 380 cwt per acre, was down 50 cwt from the previous year. The first potato stocks estimate for the 2022 crop year will be released December 16, 2022.

Nationally, production of potatoes for the 2022 crop year is forecast at 397 million cwt, down 3 percent from last year. Planted acreage, at 912,000 acres, is up slightly from the June estimate but down 2 percent from last season. Area harvested, at 906,100 acres, is down 2 percent from the previous year. The yield forecast, at 438 cwt per acre, is down 6 cwt from last year's yield.

Potato Area Planted and Harvested, Yield, and Production - Michigan and United States: 2020-2022

Item	Michigan			United States		
	2020	2021	2022	2020	2021	2022
Planted 1,000 acres	46,000	46,000	45,000	918,500	933,000	912,000
Harvested 1,000 acres	45,000	45,000	44,000	911,700	923,600	906,100
Yield Cwt/Acre	390	430	380	461	444	438
Production 1,000 Cwt	17,550	19,350	16,720	420,020	409,829	396,889

September Agricultural Prices

Prices received by Michigan farmers for the full month of September 2022 are listed in the table below. Some Michigan highlights were: September corn, at \$6.67 per bushel, decreased \$0.08 from August but increased \$1.19 from last year; September soybeans, at \$15.60 per bushel, decreased \$1.20 from last month but increased \$2.70 from last year; September wheat, at \$8.12 per bushel, increased \$0.44 from August and increased \$1.86 from last year; September milk, at \$23.40 per cwt., decreased \$0.50 from last month but increased \$6.30 from last year.

Nationally, the September Prices Received Index 2011 Base (Agricultural Production), at 131.2, decreased 0.2 percent from August but increased 21 percent from September 2021. At

127.0, the Crop Production Index was down 1.3 percent from last month but up 17 percent from the previous year. The Livestock Production Index, at 136.4, increased 1.3 percent from August, and 26 percent from September last year. Producers received lower prices during September for hogs, broilers, soybeans, and strawberries, but higher prices for market eggs, lettuce, cattle, and broccoli. In addition to prices, the indexes are influenced by the volume change of commodities marketed. In September, there was decreased marketing of cattle, wheat, upland cotton, and peaches and increased monthly movement for soybeans, corn, apples, and dry beans.

Prices Received by Farmers¹ - Michigan and United States: September 2022 with Comparisons

Commodity	Michigan			United States		
	Sep 2021	Aug 2022	Sep 2022	Sep 2021	Aug 2022	Sep 2022
Beans, dry edibledollars/cwt	42.30	(D)	(D)	37.80	45.70	41.10
Corndollars/bu	5.48	6.75	6.67	5.47	7.24	7.09
Hay, alfalfadollars/ton	195.00	185.00	190.00	214.00	275.00	277.00
Hay, otherdollars/ton	140.00	125.00	120.00	155.00	183.00	174.00
Oatsdollars/bu	3.27	4.64	4.46	3.73	4.64	4.43
Soybeansdollars/bu	12.90	16.80	15.60	12.20	15.30	14.10
Wheat, winterdollars/bu	6.26	7.68	8.12	7.18	8.43	8.73
Milk, alldollars/cwt	17.10	23.90	23.40	18.30	24.30	24.40

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

¹ Entire month weighted average price.

Chickens and Eggs

All layers in Michigan totaled 16.9 million during September, up 9 percent from a year ago. Egg production totaled 417 million eggs, up 9 percent from last year. The rate of lay during September was 2,473 eggs per 100 layers. All

layers in the U.S. totaled 373.4 million during September, down 3 percent from a year ago. There were 22.4 million turkey poults hatched in the U.S. in September, up 4 percent from the previous year.

Egg and Hatchery Production - Michigan and United States: September 2021 and 2022

Item	2021	2022	Percent Change
Michigan			
All layers thousand	15,522	16,871	9
Eggs per hundred layers number	2,457	2,473	1
Eggs produced million	381	417	9
U.S.			
All Layers thousand	386,681	373,350	-3
Eggs per hundred layers number	2,345	2,365	1
Eggs produced million	9,066	8,831	-3
Turkey Eggs in incubators, Oct 1 thousand	26,096	27,009	3
Turkey Poults hatched, Sep thousand	21,404	22,355	4

Red Meat Production

Commercial red meat production in Michigan totaled 111.7 million pounds in September 2022, up 9 percent from September 2021.

Commercial red meat production for the United States totaled 4.67 billion pounds in September, up 2 percent from the 4.58 billion pounds produced in September 2021.

Beef production, at 2.39 billion pounds, was 4 percent above the previous year. Cattle slaughter totaled 2.90 million head, up 4 percent from September 2021. The average live weight was down 1 pound from the previous year, at 1,364 pounds.

Veal production totaled 4.2 million pounds, 5 percent below September a year ago. Calf slaughter totaled 30,800 head, down 10 percent from September 2021. The average live weight was up 14 pounds from last year, at 238 pounds.

Pork production totaled 2.26 billion pounds, down slightly from the previous year. Hog slaughter totaled 10.7 million head, down 1 percent from September 2021. The average live weight was up 2 pounds from the previous year, at 285 pounds.

Lamb and mutton production, at 10.7 million pounds, was down slightly from September 2021. Sheep slaughter totaled 168,800 head, 8 percent below last year. The average live weight was 125 pounds, up 9 pounds from September a year ago.

January to September 2022 commercial red meat production was 41.5 billion pounds, down slightly from 2021. Accumulated beef production was up 2 percent from last year, veal was up 4 percent, pork was down 2 percent from last year, and lamb and mutton production was down 4 percent.

November Crop Production

Dry weather during pollination and grain fill reduced the Michigan corn, soybean and sugarbeet crops. The November Crop Production Report is based on conditions as of November 1, 2022. Some highlights of the report follow:

- Michigan corn production is forecast at 323 million bushels, down 7 percent from last year. The yield is forecast at 164 bushels per acre, down 10 bushels from last year and down 2 bushels from last month.
- Michigan's soybean yield is forecast at 46 bushels per acre, down 5 bushels from a year ago but unchanged from last month. Production is expected to be 103 million bushels, down 6 percent from 2021.
- Michigan sugarbeet growers anticipate a yield of 30.5 tons per acre, down 6.9 tons from last year. Production is forecast at 4.18 million tons.
- Nationally, corn production for grain is forecast at 13.9 billion bushels, up less than 1 percent from the previous

forecast but down 8 percent from 2021. Based on conditions as of November 1, yields are expected to average 172.3 bushels per harvested acre, up 0.4 bushel from the previous forecast but down 4.4 bushels from last year. Area harvested for grain, forecast at 80.8 million acres, is unchanged from the previous forecast but down 5 percent from the previous year.

- U.S. soybean production for beans is forecast at 4.35 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 50.2 bushels per harvested acre, up 0.4 bushel from the previous forecast but down 1.5 bushels from 2021. Area harvested for beans in the United States is forecast at 86.6 million acres, unchanged from the previous forecast but up less than 1 percent from 2021.

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

Commodity	Michigan		United States	
	2021	2022	2021	2022
Corn, all				
Planted 1,000 acres	2,350	2,350	93,252	88,608
Corn, grain				
Harvested 1,000 acres	1,990	1,970	85,318	80,844
Yield Bushels	174.0	164.0	176.7	172.3
Production 1,000 bu	346,260	323,080	15,073,820	13,929,921
Soybeans				
Planted 1,000 acres	2,150	2,250	87,195	87,455
Harvested 1,000 acres	2,140	2,230	86,312	86,631
Yield Bushels	51.0	46.0	51.7	50.2
Production 1,000 bu	109,140	102,580	4,465,382	4,345,524
Sugarbeets				
Planted 1,000 acres	155.0	139.0	1,160.0	1,172.9
Harvested 1,000 acres	142.0	137.0	1,107.6	1,149.1
Yield Tons	37.4	30.5	33.2	29.1
Production 1,000 tons	5,311	4,179	36,751	33,462

September Milk Production

Dairy herds in Michigan produced 954 million pounds of milk during September, down 0.7 percent from a year ago. Production per cow in Michigan averaged 2,235 pounds for September, 40 pounds above September 2021. The dairy herd was estimated at 427,000 head for September, down 11,000 head from a year earlier. The average price of milk sold in September by Michigan dairy producers was \$23.40 per cwt., \$6.30 more than the price in September 2021.

Milk Cows, Production, and Price – Michigan: September 2021 and 2022

Item	2021	2022
Cows 1,000 hd	438	427
Milk per cow lbs/month	2,195	2,235
Production mil lbs	961	954
Milk price, all dol/cwt	17.10	23.40
Fat test pct	3.83	3.90
Protein ¹ pct	3.15	3.18

¹ FMO 33

Michigan Farmers Asked to Help Determine Cost to Pollinate Crops

On Nov. 1, USDA’s National Agricultural Statistics Service (NASS) will mail the 2022 Cost of Pollination Survey to Michigan crop producers. The survey will be sent to nearly 16,000 producers nationwide.

Honeybees are important pollinators of crops ranging from almonds to zucchinis. 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 Jan. 11, 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/](http://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 Honey Bee 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!