



Agriculture Across Michigan

Michigan Annual Crop Summary

Corn, soybean and sugarbeet yields were all lower in 2022 than in 2021 in Michigan. Michigan’s average corn yield was 168 bushels per acre, down 6 bushels from 2021. Production was 336 million bushels from 2.00 million acres. Acres harvested for grain were up 10 thousand from 2021. The average Michigan soybean yield was 47 bushels per acre, down 4 bushels from 2021. There were 2.24 million acres harvested, up from 2.14 million acres harvested in 2021.

Nationally, corn for grain production in the United States was estimated at 13.7 billion bushels, down 9 percent from the 2021 estimate. The average yield in the United States was estimated at 173.3 bushels per acre, 3.4 bushels below the 2021 record high yield of 176.7 bushels per acre. Estimated yields in 2022 were down from the previous year across the Southern Plains, Southeast, and West Coast. Record high yields were estimated in Idaho, Illinois, Minnesota, Virginia, West Virginia, and Wisconsin. Corn planted area, at 88.6 million

acres, was down 5 percent from the 2021 estimate. Area harvested for grain was estimated at 79.2 million acres, down 7 percent from the 2021 estimate. Record low harvested for grain acres were estimated for California.

National soybean production in 2022 totaled 4.28 billion bushels, down 4 percent from 2021. The average yield was estimated at 49.5 bushels per acre, 2.2 bushels below 2021. Planted area for the Nation, at 87.5 million acres, was up less than 1 percent from the 2021 planted acreage. Soybean growers harvested 86.3 million acres, up slightly from 2021. Record high planted acreage was estimated in Illinois, Kentucky, Missouri, Nebraska, New York, and Ohio. Illinois, Kentucky, Missouri, and Nebraska had record high harvested acreage. Record high yields occurred in Arkansas and Mississippi. Record high production was harvested in Mississippi, Ohio, and Wisconsin.

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	215	1,394	1,250
Harvested 1,000 acres	207	214	1,327	1,223
Yield Pounds	2,410	2,400	1,702	2,113
Production 1,000 cwt	4,989	5,141	22,587	25,847
Corn, all				
Planted 1,000 acres	2,350	2,350	93,252	88,579
Corn, grain				
Harvested 1,000 acres	1,990	2,000	85,318	79,207
Yield Bushels	174.0	168.0	176.7	173.3
Production 1,000 bu	346,260	336,000	15,073,820	13,729,719
Corn, silage				
Harvested 1,000 acres	340	330	6,445	6,860
Yield Tons	20.5	20.0	20.1	18.7
Production 1,000 tons	6,970	6,600	129,429	128,567
Hay, all				
Harvested 1,000 acres	790	790	50,736	49,546
Yield Tons	2.75	2.40	2.37	2.28
Production 1,000 tons	2,173	1,893	120,196	112,801
Soybeans				
Planted 1,000 acres	2,150	2,250	87,195	87,450
Harvested 1,000 acres	2,140	2,240	86,312	86,336
Yield Bushels	51.0	47.0	51.7	49.5
Production 1,000 bu	109,140	105,280	4,465,382	4,276,123
Sugarbeets				
Planted 1,000 acres	155	139	1,161	1,160
Harvested 1,000 acres	142	138	1,108	1,137
Yield Tons	37.4	28.8	33.2	28.6
Production 1,000 tons	5,311	3,974	36,768	32,574

Winter Wheat Seedings

Michigan winter wheat seeded area for 2023 is estimated at 670,000 acres, an increase of 46 percent from last year. Wheat seeding began on time in Michigan in mid-September. It progressed on schedule throughout the fall and was virtually finished by November 15. As of November 20, ninety-eight percent of the wheat had emerged, ahead of the five-year average. Two-thirds of the wheat crop was rated in good to excellent condition at that time.

U.S. winter wheat planted area for harvest in 2023 is estimated at 37.0 million acres, up 11 percent from 2022 and up 10 percent from 2021. Seeding of the 2023 acreage was underway in early-September and began the month equal to the 5-year average pace. Throughout much of the season, planting progressed on pace with the 5-year average and reached 96 percent complete by November 13. Emergence was 1 percentage point ahead of the 5-year average pace on November 27.

Winter Wheat Area Seeded - Michigan and United States: 2021 - 2023

Item	Michigan			United States		
	2021	2022	2023	2021	2022	2023
Planted 1,000 acres	610	460	670	33,678	33,271	36,950
Harvested 1,000 acres	560	415		25,464	23,459	
Yield Bushels	81	83		50.2	47.0	
Production 1,000 bushels	45,360	34,445		1,277,755	1,103,707	

November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2022 are listed in the table below. Some Michigan highlights were: November corn, at \$6.07 per bushel, decreased \$0.29 from October but increased \$0.95 from last year; November soybeans, at \$14.30 per bushel, increased \$0.40 from last month and increased \$1.50 from last year; November wheat, at \$8.73 per bushel, increased \$0.19 from October and increased \$1.90 from last year; November milk, at \$23.40 per cwt., decreased \$0.80 from last month but increased \$3.70 from last year.

Nationally, the November Prices Received Index 2011 Base (Agricultural Production), at 133.4, increased 4.5 percent from

October and 23 percent from November 2021. At 127.1, the Crop Production Index was up 4.3 percent from last month and 19 percent from the previous year. The Livestock Production Index, at 143.4, increased 3.2 percent from October and 30 percent from November last year. Producers received higher prices during November for lettuce, soybeans, market eggs, and cattle but lower prices for hogs, hay, milk, and cotton. In addition to prices, the volume change of commodities marketed also influences the indexes. In November, there was increased monthly movement for corn, milk, cattle, and cotton and decreased marketing of soybeans, grapes, lettuce, and wheat.

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

Commodity	Michigan			United States		
	Nov 2021	Oct 2022	Nov 2022	Nov 2021	Oct 2022	Nov 2022
Beans, dry edibledollars/cwt	45.90	47.50	41.50	36.80	41.80	39.90
Corndollars/bu	5.12	6.36	6.07	5.26	6.50	6.49
Hay, alfalfadollars/ton	195.00	190.00	190.00	213.00	281.00	267.00
Hay, otherdollars/ton	140.00	125.00	130.00	155.00	180.00	182.00
Oatsdollars/bu	(D)	4.87	(D)	4.81	4.38	4.36
Soybeansdollars/bu	12.80	13.90	14.30	12.10	13.50	14.00
Wheat, winterdollars/bu	6.83	8.54	8.73	7.78	9.14	8.92
Milk, alldollars/cwt	19.70	24.20	23.40	20.70	25.90	25.60

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

¹ Entire month weighted average price.

December Hogs and Pigs

Michigan's total hog and pig inventory on December 1 was estimated at 1.24 million head, up 80,000 head from a year ago. Breeding hog inventory, at 115,000 head, was up 5,000 from last December. Market hog inventory, at 1.13 million head, was up 7 percent from last year. The average pigs saved per litter for the September to November quarter was 11.10, compared to 11.10 from the same period last year.

United States inventory of all hogs and pigs on December 1, 2022 was 73.1 million head. This was down 2 percent from December 1, 2021, and down 1 percent from September 1, 2022.

Breeding inventory, at 6.15 million head, was up slightly from last year, and up slightly from the previous quarter. Market hog inventory, at 67.0 million head, was down 2 percent from last year, and down 1 percent from last quarter.

The September-November 2022 pig crop, at 33.7 million head, was down 1 percent from 2021. Sows farrowing during this period totaled 3.00 million head, down 1 percent from 2021. The sows farrowed during this quarter represented 49 percent of the breeding herd. The average pigs saved per litter was 11.22 for the September-November period, compared to 11.19 last year.

United States hog producers intend to have 2.95 million sows farrow during the December 2022-February 2023 quarter, up 1 percent from the actual farrowings during the same period one year earlier, and up 1 percent from the same period two years earlier. Intended farrowings for March-May 2023, at 2.98 million sows, are up slightly from the same period one year earlier, but down 2 percent from the same period two years earlier.

Hog inventory and farrowings: Michigan and United States, December 1, 2022

Hogs and pigs	Michigan			United States		
	2021	2022	Change	2021	2022	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding	110	115	5	6,125	6,154	0
Market	1,050	1,125	7	68,321	66,966	-2
Under 50 pounds	320	340	6	21,594	21,153	-2
50-119 pounds	275	300	9	19,005	18,620	-2
120-179 pounds	210	240	14	14,374	14,095	-2
180+ pounds	245	245	0	13,348	13,098	-2
Total	1,160	1,240	7	74,446	73,119	-2
Sows farrowed, Sep-Nov	50	54	8	3,049	3,004	-1
Pigs/litter, Sep-Nov	11.10	11.10	0	11.19	11.22	0
Pig crop, Sep-Nov	555	599	8	34,123	33,691	-1
Sows farrowing, Dec-Feb ^{1 2}	52	53	2	2,919	2,947	1
Sows farrowing, Mar-May ^{1 2}	51	54	6	2,967	2,981	0

¹ Intentions.

² Upcoming year.

Chickens and Eggs

All layers in Michigan totaled 16.8 million during November, up 7 percent from a year ago. Egg production totaled 418 million eggs, up 7 percent from last year. The rate of lay during November was 2,483 eggs per 100 layers. All

layers in the U.S. totaled 374.6 million during November, down 4 percent from a year ago. There were 22.6 million turkey poults hatched in the U.S. in November, down slightly from the previous year.

Egg and Hatchery Production – Michigan and United States: November 2021 and 2022

Item	2021	2022	Percent Change
Michigan			
All layers	15,680	16,827	7
Eggs per hundred layers	2,492	2,483	0
Eggs produced	391	418	7
U.S.			
All Layers	392,242	374,618	-4
Eggs per hundred layers	2,371	2,369	0
Eggs produced	9,301	8,874	-5
Turkey Eggs in incubators, Dec 1	25,989	26,503	2
Turkey Poults hatched, Nov	22,688	22,591	0

Michigan December 1 Grain Stocks

On December 1, 2022, Michigan corn stocks totaled 285 million bushels, 8 percent higher than a year earlier. Office. About 68 percent of the corn was stored on farms. The first quarter disappearance was 89.9 million bushels, compared with 107 million bushels a year earlier. Soybean stocks on December 1, 2022, were 76.4 million bushels. That was 3 percent lower than stocks a year earlier. Farm stocks of soybeans were 34.0 million bushels. The first quarter indicated disappearance was 35.4 million bushels compared with 38.1 million bushels a year ago. Wheat stocks on December 1, 2022, were 28.3 million bushels, 22 percent below a year ago. Second quarter indicated disappearance was 8.31 million bushels, compared with 6.85 million bushels last year. About 90 percent of wheat stocks were in commercial storage.

November Milk Production

Dairy herds in Michigan produced 957 million pounds of milk during November, up 1.6 percent from a year ago. Production per cow in Michigan averaged 2,225 pounds for November, 55 pounds above November 2021. The dairy herd was estimated at 430,000 head for November, down 4,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was \$23.40 per cwt., \$3.70 more than the price in November 2021.

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

Item	2021	2022
Cows 1,000 hd	434	430
Milk per cow lb/month	2,170	2,225
Production mil lbs	942	957
Milk price, all dol/cwt	19.70	23.40
Fat test pct	4.04	4.06
Protein ¹ pct	3.32	3.30

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!