Agriculture Across Michigan

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Michigan Annual Crop Summary

Yields were mixed in Michigan in 2023. The State corn yield was unchanged, soybean yields were down and sugarbeet and dry bean yields were higher than the previous year. Michigan's average corn yield was 168 bushels per acre, unchanged from 2022. Production was 346 million bushels from 2.06 million acres. Acres harvested for grain were up 120 thousand from 2022. The average Michigan soybean yield was 46 bushels per acre, down 1 bushel from 2022. There were 2.03 million acres harvested, down from 2.24 million acres harvested in 2022.

Nationally, corn for grain production in the United States was estimated at a record high 15.3 billion bushels, up 12 percent from the 2022 estimate. The average yield in the United States was estimated at a record high 177.3 bushels per acre, 3.9 bushels above the 2022 yield of 173.4 bushels per acre. Estimated yields in 2023 were up from the previous year across the Northern Plains. Record high yields were estimated in Indiana, New Jersey, Ohio, South Carolina, and Utah. Corn planted area, at 94.6 million acres, was up 7 percent from the 2022 estimate. Area harvested for grain was estimated at 86.5 million acres, up 10 percent from the 2022 estimate. Record high harvested for grain acres were estimated for North Dakota.

National soybean production in 2023 totaled 4.16 billion bushels, down 2 percent from 2022. The average yield was estimated at 50.6 bushels per acre, 1.0 bushel above 2022. Planted area for the Nation, at 83.6 million acres, was down 4 percent from the 2022 planted acreage. Soybean growers harvested 82.4 million acres, down 4 percent from 2022. Record high planted and harvested acreage was estimated in New York. Record high yields occurred in Arkansas, Indiana, Mississippi, Ohio, South Carolina, and Tennessee. Record high productions were harvested in Mississippi and New York.

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	210.0	1,241.0	1,180.0
Harvested .... 1,000 acres	211.5	208.0	1,219.2	1,156.9
Yield ....Pounds	2,400	2,440	2,111	2,067
Production ....1,000 cwt	5,083	5,066	25,734	23,910
Corn, all				
Planted .... 1,000 acres	2,300	2,400	88,162	94,641
Corn, grain				
Harvested .... 1,000 acres	1,940	2,060	78,705	86,513
Yield .... Bushels	168.0	168.0	173.4	177.3
Production .... 1,000 bu	325,920	346,080	13,650,531	15,341,595
Corn, silage				
Harvested .... 1,000 acres	330	320	6,851	6,471
Yield .... Tons	20.0	20.0	18.7	20.1
Production .... 1,000 tons	6,600	6,400	128,287	129,994
Hay, all				
Harvested .... 1,000 acres	770	780	48,711	52,821
Yield .... Tons	2.41	2.26	2.29	2.25
Production .... 1,000 tons	1,855	1,766	111,738	118,769
Soybeans				
Planted .... 1,000 acres	2,250	2,040	87,450	83,600
Harvested .... 1,000 acres	2,240	2,030	86,174	82,356
Yield .... Bushels	47.0	46.0	49.6	50.6
Production .... 1,000 bu	105,280	93,380	4,270,381	4,164,677
Sugarbeets				
Planted .... 1,000 acres	139	133	1,160	1,137
Harvested .... 1,000 acres	138	132	1,138	1,127
Yield .... Tons	28.8	33.9	28.7	31.2
Production .... 1,000 tons	3,974	4,475	32,644	35,226

Winter Wheat Seedings

Michigan winter wheat seeded area for 2024 is estimated at 430,000 acres, a decrease of 28 percent from last year. Michigan wheat seeding began on schedule the last week of September. Delays in corn and soybean harvesting, however, slowed progress in October. Only 70 percent of the crop was planted at the end of the month versus an average of 85 percent. Growers caught up in November, and 93 percent of wheat had emerged by November 26, equal to the 5-year average.

U.S. winter wheat planted area for harvest in 2024 is estimated at 34.4 million acres, down 6 percent from 2023 but up 3 percent from 2022. Kansas and Texas, the two largest acreage States, are expected to be down 7 and 8 percent, respectively. A record low planted area is expected in Michigan and Utah. Seeding of the 2024 acreage was underway in early-September and began the month 2 percentage points behind to the 5-year average pace. Throughout much of the season, planting progressed on pace with the 5-year average and reached 81 percent complete by November 12. Emergence was 2 percentage points ahead of the 5-year average pace on November 26.

Winter Wheat Area Seeded - Michigan and United States: 2022 - 2024

Item	Michigan			United States		
	2022	2023	2024	2022	2023	2024
Planted .... 1,000 acres	460	600	430	33,281	36,699	34,425
Harvested .... 1,000 acres	415	560		23,454	24,683	
Yield .... Bushels	83	83		47.0	50.6	
Production ....1,000 bushels	34,445	46,480		1,103,062	1,247,748	

November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2023 are listed in the table below. Some Michigan highlights were: November corn, at $4.29 per bushel, decreased $0.53 from October and decreased $1.82 from last year; November soybeans, at $13.30 per bushel, increased $0.40 from last month but decreased $1.00 from last year; November wheat, at $4.87 per bushel, decreased $0.32 from October and decreased $3.86 from last year; November milk, at $21.10 per cwt., increased $0.20 from last month but decreased $3.10 from last year.

Nationally, the November Prices Received Index 2011 Base (Agricultural Production), at 113.2, decreased 0.1 percent from October and 15 percent from November 2022. At 99.8, the Crop Production Index is down 3.0 percent from last month and 20 percent from the previous year. The Livestock Production Index, at 134.0, increased 0.6 percent from October, but decreased 6.7 percent from November last year. Producers received lower prices during November for corn, hogs, cattle, and turkeys but higher prices for market eggs, soybeans, strawberries, and lettuce. In addition to prices, the volume change of commodities marketed also influences the indexes. In November, there was decreased marketing of soybeans, grapes, wheat, and dry beans but increased monthly movement for corn, cattle, milk, and cotton.

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

Commodity	Michigan			United States		
	Nov 2022	Oct 2023	Nov 2023	Nov 2022	Oct 2023	Nov 2023
Beans, dry edible ....dollars/cwt	42.30	44.40	44.90	40.90	42.70	40.60
Corn ....dollars/bu	6.11	4.82	4.29	6.49	4.93	4.66
Hay, alfalfa ....dollars/ton	190.00	200.00	200.00	267.00	217.00	207.00
Hay, other ....dollars/ton	130.00	140.00	135.00	184.00	164.00	170.00
Oats ....dollars/bu	(D)	4.37	(S)	4.36	3.77	3.92
Soybeans ....dollars/bu	14.30	12.90	13.30	14.00	12.70	13.00
Wheat, winter ....dollars/bu	8.73	5.19	4.87	8.91	6.43	6.10
Milk, all ....dollars/cwt	24.20	20.90	21.10	25.40	21.60	21.70

(D) Withheld to avoid disclosing data for individual operations.
(S) Insufficient number of reports to establish an estimate.
[1] Entire month weighted average price.

December Hogs and Pigs

Michigan's total hog and pig inventory on December 1 was estimated at 1.29 million head, up 30,000 head from a year ago. Breeding hog inventory, at 115,000 head, was unchanged from last December. Market hog inventory, at 1.18 million head, was up 3 percent from last year. The average pigs saved per litter for the September to November quarter was 11.40, compared to 11.10 from the same period last year.

United States inventory of all hogs and pigs on December 1, 2023 was 75.0 million head. This was up slightly from December 1, 2022, but down slightly from September 1, 2023.

Breeding inventory, at 6.00 million head, was down 3 percent from last year, and down 3 percent from the previous quarter. Market hog inventory, at 69.0 million head, was up slightly from last year, but down slightly from last quarter.

The September-November 2023 pig crop, at 34.6 million head, was down slightly from 2022. Sows farrowing during this period totaled 2.97 million head, down 4 percent from 2022. The sows farrowed during this quarter represented 48 percent of the breeding herd. The average pigs saved per litter was 11.66 for the September-November period, compared to 11.22 last year.

United States hog producers intend to have 2.90 million sows farrow during the December 2023-February 2024 quarter, down 2 percent from the actual farrowings during the same period one year earlier, and down 1 percent from the same period two years earlier. Intended farrowings for March-May 2024, at 2.91 million sows, are down 1 percent from the same period one year earlier, and down 2 percent from the same period two years earlier.

Hog Inventory and Farrowings: Michigan and United States, December 1, 2023

Hogs and pigs	Michigan			United States		
	2022	2023	Change	2022	2023	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding	115	115	0	6,204	5,999	-3
Market	1,145	1,175	3	68,752	68,973	0
Under 50 pounds	350	350	0	21,788	21,681	0
50-119 pounds	315	305	-3	19,134	19,039	0
120-179 pounds	235	250	6	14,801	14,908	1
180+ pounds	245	270	10	13,029	13,344	2
Total	1,260	1,290	2	74,956	74,971	0
Sows farrowed, Sep-Nov	56	57	2	3,092	2,968	-4
Pigs/litter, Sep-Nov	11.10	11.40	3	11.22	11.66	4
Pig crop, Sep-Nov	622	650	5	34,701	34,617	0
Sows farrowing, Dec-Feb [1][2]	55	56	2	2,952	2,900	-2
Sows farrowing, Mar-May [1][2]	54	54	0	2,941	2,907	-1

[1] Intentions.
[2] Upcoming year.

Chickens and Eggs

All layers in Michigan totaled 16.6 million during November, down 1 percent from a year ago. Egg production totaled 402 million eggs, down 4 percent from last year. The rate of lay during November was 2,412 eggs per 100 layers.

All layers in the U.S. totaled 390.1 million during November, up 3 percent from a year ago. There were 21.5 million turkey poults hatched in the U.S. in November, down 5 percent from the previous year.

Egg and Hatchery Production – Michigan and United States: November 2022 and 2023

Item		2022	2023	Percent Change
Michigan				
All layers	Thousand	16,827	16,648	-1
Eggs per hundred layers	Number	2,483	2,412	-3
Eggs produced	Million	418	402	-4
U.S.				
All Layers	Thousand	377,842	390,106	3
Eggs per hundred layers	Number	2,368	2,385	1
Eggs produced	Million	8,947	9,302	4
Turkey Eggs in incubators, Dec 1	Thousand	26,595	25,346	-5
Turkey Poults hatched, Nov	Thousand	22,615	21,668	-4

December 1 Grain Stocks

On December 1, 2023, Michigan corn stocks totaled 296 million bushels, 4 percent higher than a year earlier. About 73 percent of the corn was stored on farms. The first quarter disappearance was 89.9 million bushels, compared with 80.6 million bushels a year earlier. Soybean stocks on December 1, 2023, were 74.5 million bushels. That was 2 percent lower than stocks a year earlier. Farm stocks of soybeans were 34.0 million bushels. The first quarter indicated disappearance was 26.8 million bushels compared with 35.9 million bushels a year ago. Wheat stocks on December 1, 2023, were 38.5 million bushels, 36 percent above a year ago. Second quarter indicated disappearance was 10.8 million bushels, compared with 8.34 million bushels last year. About 90 percent of wheat stocks were in commercial storage.

November Milk Production

Dairy herds in Michigan produced 975 million pounds of milk during November, up 1.9 percent from a year ago. Production per cow in Michigan averaged 2,220 pounds for November, unchanged from November 2022. The dairy herd was estimated at 439,000 head for November, up 8,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was $21.10 per cwt., $3.10 less than the price in November 2022.

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

Item	2022	2023
Cows ....1,000 hd	431	439
Milk per cow ....lb/month	2,220	2,220
Production ....mil lbs	957	975
Milk price, all ....dol/cwt	24.20	21.10
Fat test ....pct	4.06	4.22
Protein [1] ....pct	3.30	3.31

[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!