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Acreage Summary

Michigan farmers planted more corn acres and fewer soybean acres in 2023 than they did in 2022. Periods of cold and wet weather throughout the spring hindered fieldwork activities, but dryer, warmer conditions in mid- to late May accelerated planting progress and crop growth. By early June, crop emergence was ahead of the 5-year average, although prolonged dry conditions posed a challenge to producers as they headed into the summer.

Michigan corn growers planted 2.40 million acres, up 50,000 from last year. Harvested acres of corn for grain were set at 2.05 million acres, also up 50,000 from last year.

Michigan soybean growers planted 2.05 million acres, down 200,000 acres from last year. Growers expect to harvest 2.04 million acres of soybeans in 2023.

Winter wheat growers planted 630,000 acres in Michigan, up 170,000 acres from 2022. Harvested acres of winter wheat for grain are anticipated to be 590,000 acres, up 175,000 acres from last year.

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	1,250.0	1,211.0
Harvested ... 1,000 acres	214.0	208.0	1,223.0	1,167.4
Corn, all				
Planted ... 1,000 acres	2,350	2,400	88,579	94,096
Corn, grain				
Harvested ... 1,000 acres	2,000	2,050	79,207	86,322
Hay, alfalfa				
Harvested ... 1,000 acres	560	570	14,913	15,658
Hay, other				
Harvested ... 1,000 acres	230	230	34,633	36,318
Oats				
Planted ... 1,000 acres	50	50	2,581	2,508
Harvested ... 1,000 acres	30	20	890	794
Soybeans				
Planted ... 1,000 acres	2,250	2,050	87,450	83,505
Harvested ... 1,000 acres	2,240	2,040	86,336	82,696
Sugarbeets				
Planted ... 1,000 acres	139.0	134.0	1,159.5	1,128.5
Harvested ... 1,000 acres	138.0	133.0	1,137.1	1,110.7
Wheat, winter				
Planted ... 1,000 acres	460	630	33,271	37,005
Harvested ... 1,000 acres	415	590	23,459	25,700

Small Grains Summary

Michigan's 2023 winter wheat production is forecast at 41.9 million bushels. This report is based on conditions as of July 1, 2023. Some highlights of the Crop Production Report follow:

The Michigan winter wheat yield is forecast at 71 bushels per acre, down 5 bushels from the previous month and down 12 bushels from last year. As of July 2, twenty-two percent of the crop was mature, seven points below the 5-year average. The crop was in worse condition than last year with only 25 percent of the crop rated in good to excellent condition compared with 53 percent at the same time last year.

Oat yield in Michigan is forecast at 45 bushels per acre, down 16 bushels from last year. As of July 2, thirty-one percent of the crop was rated in good to excellent condition, compared with 72 percent last year. The crop was 38 percent headed on July 2, twenty-one points behind the 5-year average.

May Agricultural Prices

Prices received by Michigan farmers for the full month of May 2023 are listed in the table below. Some Michigan highlights were: May corn, at $6.04 per bushel, decreased $0.30 from April and decreased $0.97 from last year; May soybeans, at $15.30 per bushel, decreased $0.30 from last month and decreased $1.30 from last year; May wheat, at $6.81 per bushel, decreased $0.04 from April and decreased $2.56 from last year; May milk, at $19.20 per cwt., decreased $1.20 from last month and decreased $7.30 from last year.

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

Commodity	Michigan			United States		
	May 2022	Apr 2023	May 2023	May 2022	Apr 2023	May 2023
Beans, dry edible ....dollars/cwt	54.10	48.10	44.50	51.50	39.20	42.50
Corn ....dollars/bu	7.01	6.34	6.04	7.26	6.70	6.54
Hay, alfalfa ....dollars/ton	190.00	195.00	195.00	244.00	287.00	279.00
Hay, other ....dollars/ton	125.00	135.00	130.00	143.00	167.00	175.00
Oats ....dollars/bu	7.00	(D)	(S)	6.35	4.04	4.31
Soybeans ....dollars/bu	16.60	15.60	15.30	16.10	14.90	14.40
Wheat, winter ....dollars/bu	9.37	6.85	6.81	10.50	8.07	7.67
Milk, all ....dollars/cwt	26.50	20.40	19.20	27.20	20.70	19.30

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

Biotechnology Varieties

The vast majority of corn and soybeans planted in Michigan continue to be varieties containing genetic modification. Biotechnology varieties accounted for 92 percent of the corn acres planted in Michigan, down 2 percentage points from last year. Soybean plantings included 93 percent biotechnology varieties, unchanged from last year.

Nationally, ninety-three percent of this year's corn acreage was planted with biotechnology seed varieties, the same as last year. Biotechnology seed includes traits for insect resistance (Bt), herbicide resistance, or stacked gene which contains traits for both herbicide and insect resistance.

The data are based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

June 1 Grain Stocks

On June 1, 2023, Michigan corn stocks totaled 99.3 million bushels, 11 percent below a year earlier. About 58 percent of the corn was stored on farms. The third quarter disappearance was 75.7 million bushels, compared with 60.8 million bushels a year earlier. Soybean stocks on June 1, 2023, were 29.9 million bushels. That was 16 percent higher than stocks a year earlier. Farm stocks of soybeans were 12.0 million bushels. The third quarter indicated disappearance was 15.9 million bushels, compared with 27.3 million bushels a year ago. Wheat stocks on June 1, 2023, were 13.5 million bushels, 10 percent below a year ago. Fourth quarter indicated disappearance was 6.05 million bushels, compared with 10.4 million bushels last year.

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Chickens and Eggs

All layers in Michigan totaled 16.7 million during May, down 2 percent from a year ago. Egg production totaled 431 million eggs, down 1 percent from last year. The rate of lay during May was 2,587 eggs per 100 layers. All layers in the U.S. totaled 387.2 million during May, up 5 percent from a year ago. There were 23.5 million turkey poults hatched in the U.S. in May, up 4 percent from the previous year.

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

Item		2022	2023	Percent Change
Michigan				
All layers	thousand	17,055	16,662	-2
Eggs per hundred layers	number	2,544	2,587	2
Eggs produced	million	434	431	-1
U.S.				
All Layers	thousand	368,033	387,189	5
Eggs per hundred layers	number	2,453	2,419	-1
Eggs produced	million	9,028	9,366	4
Turkey Eggs in incubators, Jun 1	thousand	26,329	28,069	7
Turkey Poults hatched, May	thousand	22,610	23,543	4

June Hogs and Pigs

Michigan's total hog and pig inventory on June 1 was estimated at 1.21 million head, up 30,000 head from a year ago. Breeding hog inventory, at 115,000 head, was up 5,000 from last June. Market hog inventory, at 1.10 million head, was up 2 percent from last year. The average pigs saved per litter for the March to May quarter was 11.10, compared to 10.80 from the same period last year.

United States inventory of all hogs and pigs on June 1, 2023, was 72.4 million head. This was up slightly from June 1, 2022, but down 1 percent from March 1, 2023. Breeding inventory, at 6.15 million head, was down slightly from last year, but up 1 percent from the previous quarter. Market hog inventory, at 66.2 million head, was up slightly from last year, but down 1 percent from last quarter.

Hog Inventory and Farrowings – Michigan and United States: June 1, 2022 and 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	110	115	5	6,168	6,146	0
Market	1,070	1,095	2	66,146	66,249	0
Under 50 pounds	310	330	6	20,903	20,939	0
50-119 pounds	295	300	2	18,691	18,748	0
120-179 pounds	230	225	-2	13,827	13,863	0
180+ pounds	235	240	2	12,725	12,699	0
Total	1,180	1,210	3	72,314	72,394	0
Sows farrowed, Mar-May	51	54	6	2,967	2,896	-2
Pigs per litter, Mar-May	10.80	11.10	3	11.00	11.36	3
Pig crop, Mar-May	551	599	9	32,635	32,891	1
Sows farrowing, Jun-Aug [1]	55	56	2	3,062	2,942	-4
Sows farrowing, Sep-Nov [1]	56	54	-4	3,092	2,953	-4

[1] Intentions for 2023.

May Milk Production

Dairy herds in Michigan produced 1.037 billion pounds of milk during May, up 2.1 percent from a year ago. Production per cow in Michigan averaged 2,385 pounds for May, 5 pounds above May 2022. The dairy herd was estimated at 435,000 head for May, up 8,000 head from a year earlier. The average price of milk sold in May by Michigan dairy producers was $19.20 per cwt., $7.30 less than the price in May 2022.

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

Item	2022	2023
Cows .....1,000 hd	427	435
Milk per cow ..... lbs/month	2,380	2,385
Production .....mil lbs	1,016	1,037
Milk price, all .....dol/cwt	26.50	19.20
Fat test .....pct	3.90	4.00
Protein [1] .....pct	3.17	3.19

[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!

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