



# Agriculture Across Ohio

## Acreage Summary

The 2023 planting season in Ohio began slowly due to cold, wet conditions in early April, but dryer conditions later in the month allowed producers to proceed with plantings. May followed a similar story, with bleak conditions early in the month giving way to more favorable ones. By late May, crop emergence was ahead of the 5-year average, although abnormally dry conditions presented potential difficulties for growers in much of the State.

Ohio field crop producers planted more acres of corn in 2023 than they did in 2022. Highlights of the 2023 June Acreage report follow:

Ohio corn growers planted 3.50 million acres, up 100,000 acres from 2022. Corn harvested for grain is projected to be 3.27 million acres, up 90,000 acres from the previous year.

Ohio soybean growers planted 4.90 million acres, down 200,000 from 2022. Harvested acres of soybeans are anticipated to be 4.88 million acres.

Ohio winter wheat growers planted 650,000 acres of wheat, 140,000 acres more than last year. Area harvested and to be harvested for grain totaled 550,000 acres, up 18 percent from last year.

### Area Planted and Harvested, Yield, and Production by Crop - Ohio and United States: 2022 - 2023

Commodity	Ohio		United States		
	2022	2023	2022	2023	
Corn, all .....					
Planted .....	1,000 acres	3,400	3,500	88,579	94,096
Corn, grain .....					
Harvested .....	1,000 acres	3,180	3,270	79,207	86,322
Hay, alfalfa .....					
Harvested .....	1,000 acres	280	300	14,913	15,658
Hay, other .....					
Harvested .....	1,000 acres	550	550	34,633	36,318
Oats .....					
Planted .....	1,000 acres	50	35	2,581	2,508
Harvested .....	1,000 acres	15	22	890	794
Soybeans .....					
Planted .....	1,000 acres	5,100	4,900	87,450	83,505
Harvested .....	1,000 acres	5,080	4,880	86,336	82,696
Wheat, winter .....					
Planted .....	1,000 acres	510	650	33,271	37,005
Harvested .....	1,000 acres	465	550	23,459	25,700

## Small Grains Summary

Ohio's 2023 winter wheat production is forecast at 41.8 million bushels. This report is based on conditions as of July 1, 2023. Some highlights of the Crop Production Report follow:

The Ohio winter wheat yield is forecast at 76 bushels per acre, down 3 bushels from last year and unchanged from last month's forecast. As of July 2, five percent of the crop was harvested. The crop condition was rated 63 percent good to

excellent, compared with 57 percent at the same time last year.

Oat yield in Ohio is forecast at 67 bushels per acre, down 3 bushels from the previous year. Oats were 86 percent headed as of July 2, six percentage points ahead of last year and 1 point above the 5-year average. As of July 2, seventy-four percent of the crop was rated in good to excellent condition, compared with 67 percent during the same time last year.

## May Agricultural Prices

Prices Received by Ohio farmers for the full month of May 2023 are listed in the table below. Some Ohio highlights were: May corn, at \$6.10 per bushel, decreased \$0.32 from April and decreased \$0.98 from last year; May soybeans, at \$14.60 per bushel, decreased \$0.80 from last month and decreased \$1.40 from last year; May wheat, at \$6.17 per bushel, decreased \$0.21 from April and decreased \$4.49 from last year; May milk, at \$20.50 per cwt., decreased \$1.20 from last month and decreased \$6.00 from last year.

Nationally, the May Prices Received Index 2011 Base (Agricultural Production), at 127.1, decreased 2.8 percent

from April and 5.6 percent from May 2022. At 120.4, the Crop Production Index was down 4.1 percent from last month and 2.4 percent from the previous year. The Livestock Production Index, at 133.7, decreased 1.5 percent from April and 8.2 percent from May last year. Producers received lower prices during May for strawberries, lettuce, market eggs, and milk but higher prices for oranges, celery, cattle, and broilers. In addition to prices, the volume change of commodities marketed also influences the indexes. In May, there was decreased marketing of soybeans, apples, calves, and hogs and increased monthly movement for cattle, hay, broilers, and corn.

### Prices Received by Farmers<sup>1</sup> - Ohio and United States: May 2023 with Comparisons

Commodity	Ohio			United States		
	May 2022	Apr 2023	May 2023	May 2022	Apr 2023	May 2023
Corn .....dollars/bu	7.08	6.42	6.10	7.26	6.70	6.54
Hay, alfalfa .....dollars/ton	180.00	200.00	195.00	244.00	287.00	279.00
Hay, other .....dollars/ton	135.00	155.00	155.00	143.00	167.00	175.00
Soybeans .....dollars/bu	16.00	15.40	14.60	16.10	14.90	14.40
Wheat, winter .....dollars/bu	10.66	6.38	6.17	10.50	8.07	7.67
Milk, all .....dollars/cwt	26.50	21.70	20.50	27.20	20.70	19.30

<sup>1</sup> Entire month weighted average price.

## Biotechnology Varieties

The percentage of corn acres planted using biotechnology varieties in Ohio decreased from last year. Biotechnology varieties accounted for 90 percent of the corn acres planted in Ohio, down from 91 percent in 2022. Soybean plantings included 94 percent biotechnology varieties, with no change 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, Ohio corn stocks totaled 202 million bushels, 4 percent below a year earlier. About 57 percent of the corn was stored on farms. The third quarter disappearance was 172 million bushels, compared with 169 million bushels a year earlier. Soybean stocks on June 1, 2023, were 61.4 million bushels. That was 1 percent lower than stocks a year earlier. Farm stocks of soybeans were 24 million bushels. The third quarter indicated disappearance was 85.5 million bushels, compared with 78.5 million bushels during the same period a year ago. Wheat stocks on June 1, 2023, were 27.1 million bushels, 6 percent below a year ago. Fourth quarter indicated disappearance was 12.8 million bushels, compared with 12.7 million bushels last year.

## Chickens and Eggs

All layers in Ohio totaled 38.3 million during May, down 3 percent from a year ago. Egg production totaled 954 million eggs, down 4 percent from last year. The rate of lay during May was 2,488 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 - Ohio and United States: May 2022 and 2023

Item	2022	2023	Percent Change
<b>Ohio</b>			
All layers.....thousand	39,619	38,335	-3
Eggs per hundred layers ..... number	2,510	2,488	-1
Eggs produced ..... million	994	954	-4
<b>U.S.</b>			
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

Ohio's total hog and pig inventory on June 1 was estimated at 2.50 million head, down 100,000 head from a year ago. Breeding hog inventory, at 180,000 head, was unchanged from last June. Market hog inventory, at 2.32 million head, was down 4 percent from last year. The average pigs saved per litter for the March to May quarter was 11.30, unchanged 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 – Ohio and United States: June 1, 2022 and 2023

Hogs and pigs	Ohio			United States		
	2022	2023	Change	2022	2023	Change
	<i>1,000 head</i>	<i>1,000 head</i>	<i>percent</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>percent</i>
Breeding .....	180	180	0	6,168	6,146	0
Market .....	2,420	2,320	-4	66,146	66,249	0
Under 50 pounds .....	680	660	-3	20,903	20,939	0
50-119 pounds .....	630	590	-6	18,691	18,748	0
120-179 pounds .....	530	520	-2	13,827	13,863	0
180+ pounds .....	580	550	-5	12,725	12,699	0
Total .....	2,600	2,500	-4	72,314	72,394	0
Sows farrowed, Mar-May .....	90	87	-3	2,967	2,896	-2
Pigs per litter, Mar-May .....	11.30	11.30	0	11.00	11.36	3
Pig crop, Mar-May .....	1,017	983	-3	32,635	32,891	1
Sows farrowing, Jun-Aug <sup>1</sup> .....	95	99	4	3,062	2,942	-4
Sows farrowing, Sep-Nov <sup>1</sup> .....	95	95	0	3,092	2,953	-4

<sup>1</sup> Intentions for 2023.

## May Milk Production

Dairy herds in Ohio produced 490 million pounds of milk during May, up 1.7 percent from a year ago. Production per cow in Ohio averaged 1,945 pounds for May, 25 pounds above May 2022. The dairy herd was estimated at 252,000 head for May, up 1,000 head from a year earlier. The average price of milk sold in May by Ohio dairy producers was \$20.50 per cwt., \$6.00 less than the price in May 2022.

### Milk Cows, Production, and Price – Ohio: May 2022 and 2023

Item	2022	2023
Cows ..... 1,000 hd	251	252
Milk per cow .....lbs/month	1,920	1,945
Production ..... mil lbs	482	490
Milk price, all ..... dol/cwt	26.50	20.50
Fat test ..... pct	3.92	3.95
Protein <sup>1</sup> ..... pct	3.17	3.19

<sup>1</sup> FMO 33

## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region, Ohio Field Office and enumerator staff are pleased to provide you and the Ohio 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!