



Agriculture Across Ohio

August 1 Crop Forecast

Ohio farmers anticipate harvesting record soybean and wheat yields in 2023. Ohio corn and soybean planting concluded ahead of both last year and the 5-year average, but crop progress stalled due to lack of precipitation in May and June. When rains returned in July, both crops began to progress, though both are now behind their respective 5-year reproductive averages. Despite this, farmers anticipate record high soybean yields and very good corn yields. Farmers were pleasantly surprised with 2023 wheat yields as the dry May and June did not hamper grain fill. Growers anticipate record wheat yields in 2023.

- Ohio's average corn yield is forecast at 191 bushels per acre, 4 bushels above last year. Total production is forecast at 625 million bushels, up 5 percent from last year.
- Soybean yield is forecast at 57 bushels per acre, up 1.5 bushels from last year. If realized, this will be a record high. Total production is forecast at 278 million bushels, down 1 percent from last year on fewer harvested acres.
- Winter Wheat yield is forecast at 91 bushels per acre, up 12 bushels from last year. If realized, this will be a record high. Total production is forecast at 50 million bushels.

Highlights of the August 1 Crop Production report follow:

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
Yield Bushels	187.0	191.0	173.3	175.1
Production 1,000 bu	594,660	624,570	13,729,719	15,110,787
Hay, alfalfa				
Harvested 1,000 acres	280	300	14,913	15,658
Yield Tons	3.10	3.20	3.22	3.13
Production 1,000 tons	868	960	47,958	48,936
Hay, other				
Harvested 1,000 acres	550	550	34,633	36,318
Yield Tons	2.50	2.00	1.87	1.92
Production 1,000 tons	1,375	1,100	64,843	69,894
Oats				
Planted 1,000 acres	50	35	2,581	2,558
Harvested 1,000 acres	15	22	890	804
Yield Bushels	70.0	63.0	64.8	61.5
Production 1,000 bu	1,050	1,386	57,655	49,454
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
Yield Bushels	55.5	57.0	49.5	50.9
Production 1,000 bu	281,940	278,160	4,276,123	4,205,450
Wheat, winter				
Planted 1,000 acres	510	650	33,271	36,810
Harvested 1,000 acres	465	550	23,459	25,495
Yield Bushels	79.0	91.0	47.0	48.1
Production 1,000 bu	36,735	50,050	1,103,707	1,227,235

Farm Production Expenditures Up More than 15 Percent

Farm production expenditures in the United States are estimated at \$452.7 billion for 2022, up from \$392.9 billion in 2021. The 2022 total farm production expenditures are up 15.2 percent compared with 2021 total farm production expenditures. All seventeen expenditure items showed an increase from the previous year.

The four largest expenditures at the United States level total \$219.6 billion and account for 48.5 percent of total expenditures in 2022. These include feed, 18.5 percent, farm services, 10.8 percent, livestock, poultry, and related expenses, 10.1 percent, and labor, 9.2 percent.

In 2022, the United States total farm expenditure average per farm is \$226,986, up 15.8 percent from \$196,087 in 2021. On average, United States farm operations spent \$41,917 on feed, \$22,864 on livestock, poultry, and related expenses, \$24,469 on farm services, and \$20,858 on labor. For 2021, United States farms spent an average of \$32,540 on feed, \$22,458 on farm services, \$21,161 on livestock, poultry, and related expenses, and \$18,366 on labor.

The United States economic sales class contributing most to the 2022 United States total expenditures is the \$1,000,000 to \$4,999,999 class, with expenses of \$149.1 billion, 32.9 percent of the United States total, up 22.1 percent from the 2021 level of \$122.1 billion. The next highest is the \$5,000,000 and over class with \$130.8 billion, up 11.8 percent from \$116.9 billion in 2021.

The Midwest region, which includes Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin contributed the most to United States total expenditures with expenses of \$141.6 billion (31.4 percent), up from \$124.9 billion in 2021. Other regions, ranked by total expenditures, are the Plains at \$112.1 billion (24.8 percent), West at \$98.0 billion (21.7 percent), Atlantic at \$54.0 billion (11.9 percent), and South at \$47.0 billion (10.4 percent).

For further information on USDA farm expenditures, please visit

https://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

Farm Real Estate Values and Cash Rents

The 2023 average Ohio farm real estate value, including land and buildings, averaged \$7,800 per acre. Farm real estate values in Ohio were up 8.3 percent from 2022. Ohio is in the Corn Belt region, which also includes Illinois, Indiana, Iowa, and Missouri. The Corn Belt region value was \$8,100 per acre, up 7.1 percent from 2022. The value of farmland in States bordering Ohio were: Indiana, \$9,100 per acre; Kentucky, \$4,700 per acre; Michigan, \$6,400 per acre; Pennsylvania, \$7,610 per acre; and West Virginia, \$3,200 per acre.

Ohio's cropland value was \$8,200, an increase of 8.6 percent from the previous year. The Corn Belt region experienced a 7.7 percent increase to \$8,540 per acre. The

average value of cropland in the United States increased 8.1 percent from 2022 to \$5,460 per acre. Ohio's pasture value was \$3,700 per acre, up 2.8 percent from 2021.

Ohio's cropland cash rent was \$178 per acre in 2023, up \$8.00 from the previous year. Cropland cash rents in the Corn Belt region increased \$13.00 from last year to \$236 per acre. The cropland cash rents in the States bordering Ohio were: Indiana, \$226 per acre; Kentucky, \$168 per acre; Michigan, \$148 per acre; Pennsylvania, \$107 per acre; and West Virginia, \$45 per acre.

Pasture cash rents in the Corn Belt region increased \$1.00 to \$42.50 per acre. Pasture cash rent in the United States was \$15.00 per acre.

Chickens and Eggs

All layers in Ohio totaled 38.0 million during June, down 4 percent from a year ago. Egg production totaled 905 million eggs, down 7 percent from last year. The rate of lay during June was 2,381 eggs per 100 layers. All layers in the

U.S. totaled 386.6 million during June, up 5 percent from a year ago. There were 24.0 million turkey poults hatched in the U.S. in June, up 4 percent from the previous year.

Egg and Hatchery Production - Ohio and United States: June 2022 and 2023

Item	2022	2023	Percent Change
Ohio			
All layers.....thousand	39,629	38,006	-4
Eggs per hundred layers number	2,456	2,381	-3
Eggs produced million	973	905	-7
U.S.			
All Layers.....thousand	367,417	386,576	5
Eggs per hundred layers number	2,367	2,348	-1
Eggs produced million	8,697	9,077	4
Turkey Eggs in incubators, Jul 1thousand	26,895	27,240	1
Turkey Poults hatched, Jun.....thousand	22,971	23,968	4

June Agricultural Prices

Prices Received by Ohio farmers for the full month of June 2023 are listed in the table below. Some Ohio highlights were: June corn, at \$6.19 per bushel, increased \$0.09 from May and decreased \$1.03 from last year; June soybeans, at \$14.80 per bushel, increased \$0.20 from last month and decreased \$1.60 from last year; June wheat, at \$6.26 per bushel, increased \$0.09 from May and decreased \$2.06 from last year; June milk, at \$19.20 per cwt., decreased \$1.30 from last month and decreased \$6.80 from last year.

Nationally, the June Prices Received Index 2011 Base (Agricultural Production), at 127.7, increased 0.4 percent from May but decreased 5.3 percent from June 2022. At

120.8, the Crop Production Index was up 0.2 percent from last month but down 4.1 percent from the previous year. The Livestock Production Index, at 135.1, increased 1.0 percent from May, but decreased 6.5 percent from June last year. Producers received higher prices during June for cattle, hogs, market eggs, and oranges but lower prices for milk, broilers, lettuce, and cotton. In addition to prices, the volume change of commodities marketed also influences the indexes. In June, there was increased monthly movement for wheat, hay, grapes, and peaches and decreased marketing of cattle, oranges, strawberries, and broilers.

Prices Received by Farmers¹ - Ohio and United States: June 2023 with Comparisons

Commodity	Ohio			United States		
	Jun 2022	May 2023	Jun 2023	Jun 2022	May 2023	Jun 2023
Corn dollars/bu	7.22	6.10	6.19	7.38	6.54	6.49
Hay, alfalfa dollars/ton	180.00	195.00	190.00	245.00	279.00	263.00
Hay, other dollars/ton	140.00	155.00	160.00	146.00	175.00	172.00
Soybeans dollars/bu	16.40	14.60	14.80	16.40	14.40	14.20
Wheat, winter dollars/bu	8.32	6.17	6.26	9.16	7.67	7.32
Milk, all dollars/cwt	26.00	20.50	19.20	26.70	19.30	17.90

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Ohio produced 473 million pounds of milk during June, up 3.3 percent from a year ago. Production per cow in Ohio averaged 1,875 pounds for June, 35 pounds above June 2022. The dairy herd was estimated at 252,000 head for June, up 3,000 head from a year earlier.

Milk Cows, Production, and Price – Ohio: June 2022 and 2023

Item	2022	2023
Cows 1,000 hd	249	252
Milk per cowlbs/month	1,840	1,875
Production mil lbs	458	473
Milk price, all dol/cwt	26.00	19.20
Fat test pct	3.84	3.89
Protein ¹ pct	3.17	3.19

¹ 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!