



Agriculture Across Ohio

August 1 Crop Forecast

Ohio farmers anticipate harvesting record soybean yields in 2022. Spring planting was delayed due to cold, wet conditions which negatively impacted potential corn yields, however soybean planting, which started behind schedule was able to wrap up on-time or earlier than the 5-year average on most farms. As of July 31, seventy-seven percent of Ohio corn was silked, and 82 percent of soybeans were blooming; corn was 2 percentage points ahead of the 5-year average while soybeans were 6 points ahead of the 5-year average.

Highlights of the August 1 Crop Production report follow:

- Ohio's average corn yield is forecast at 190 bushels per acre, 3 bushels below last year. Total production is forecast at 602 million bushels, down 7 percent from last year.
- Soybean yield is forecast at 57 bushels per acre, up 0.5 bushels from last year. If realized, this will be a record high by 0.5 bushels. Total production is forecast at 281 million bushels, up 2 percent from last year.
- Winter Wheat yield is estimated at 78 bushels per acre, down 7 bushels from last year. Total production is forecast at 37.4 million bushels.

Area Planted and Harvested, Yield, and Production by Crop - Ohio and United States: 2021 - 2022

Commodity	Ohio		United States	
	2021	2022	2021	2022
Corn, all				
Planted 1,000 acres	3,550	3,400	93,357	89,821
Corn, grain				
Harvested 1,000 acres	3,340	3,170	85,388	81,840
Yield Bushels	193.0	190.0	177.0	175.4
Production 1,000 bu	644,620	602,300	15,115,170	14,358,679
Hay, alfalfa				
Harvested 1,000 acres	300	300	15,246	15,465
Yield Tons	3.10	3.30	3.23	3.17
Production 1,000 tons	930	990	49,245	49,100
Hay, other				
Harvested 1,000 acres	570	570	35,490	36,042
Yield Tons	2.50	2.40	2.00	1.88
Production 1,000 tons	1,425	1,368	70,951	67,659
Oats				
Planted 1,000 acres	45	50	2,550	2,392
Harvested 1,000 acres	20	25	650	796
Yield Bushels	67.0	66.0	61.3	66.1
Production 1,000 bu	1,340	1,650	39,836	52,576
Soybeans				
Planted 1,000 acres	4,900	4,950	87,195	88,025
Harvested 1,000 acres	4,880	4,930	86,332	87,211
Yield Bushels	56.5	57.0	51.4	51.9
Production 1,000 bu	275,720	281,010	4,435,232	4,530,561
Wheat, winter				
Planted 1,000 acres	580	530	33,648	34,006
Harvested 1,000 acres	515	480	25,464	25,002
Yield Bushels	85.0	78.0	50.2	47.9
Production 1,000 bu	43,775	37,440	1,277,365	1,197,650

Farm Production Expenditures Up More than 7 Percent

Farm production expenditures in the United States are estimated at \$392.9 billion for 2021, up from \$366.2 billion in 2020. The 2021 total farm production expenditures are up 7.3 percent compared with 2020 total farm production expenditures. Fifteen expenditure items showed an increase from the previous year, while two showed a decrease.

The four largest expenditures at the United States level total \$189.4 billion and account for 48.3 percent of total expenditures in 2021. These include feed, 16.6 percent, farm services, 11.5 percent, livestock, poultry, and related expenses, 10.8 percent, and labor, 9.4 percent.

In 2021, the United States total farm expenditure average per farm is \$196,087, up 7.7 percent from \$182,130 in 2020. On average, United States farm operations spent \$32,540 on feed, \$21,161 on livestock, poultry, and related expenses, \$22,458 on farm services, and \$18,366 on labor. For 2020, United States farms spent an average of \$28,250 on feed, \$22,232 on farm services, \$19,695 on livestock, poultry, and related expenses, and \$18,253 on labor.

The United States economic sales class contributing most to the 2021 United States total expenditures is the \$1,000,000 - \$4,999,999 class, with expenses of \$122.1 billion, 31.1 percent of the United States total, up 4.9 percent from the 2020 level of \$116.4 billion. The next highest is the \$5,000,000 and over class with \$116.9 billion, up 19.4 percent from \$97.9 billion in 2020.

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 \$124.9 billion (31.8 percent), up from \$112.8 billion in 2020. Other regions, ranked by total expenditures, are the Plains at \$99.2 billion (25.2 percent), West at \$86.7 billion (22.1 percent), Atlantic at \$42.9 billion (10.9 percent), and South at \$39.2 billion (10.0 percent).

For further information on USDA farm expenditures, please visit https://www.nass.usda.gov/Statistics_by_Subject/Economic_s_and_Prices/index.php

Farm Real Estate Values and Cash Rents

The 2022 average Ohio farm real estate value, including land and buildings, averaged \$7,200 per acre. Farm real estate values in Ohio were up 9.1 percent from 2021. Ohio is in the Corn Belt region, which also includes Illinois, Indiana, Iowa, and Missouri. The Corn Belt region value was \$7,560 per acre, up 14.9 percent from 2021. The value of farmland in States bordering Ohio were: Indiana, \$8,000 per acre; Kentucky, \$4,350 per acre; Michigan, \$5,850 per acre; Pennsylvania, \$7,350 per acre; and West Virginia, \$3,000 per acre.

Ohio's cropland value was \$7,550, an increase of 11.0 percent from the previous year. The Corn Belt region experienced a 15.3 percent increase to \$7,930 per acre. The average value of cropland in the United States increased

14.3 percent from 2021 to \$5,050 per acre. Ohio's pasture value was \$3,600 per acre, up 4.7 percent from 2021.

Ohio's cropland cash rent was \$170.00 per acre in 2022, up \$10.00 from the previous year. Cropland cash rents in the Corn Belt region increased \$17.00 from last year to \$223.00 per acre. The cropland cash rents in the States bordering Ohio were: Indiana, \$212.00 per acre; Kentucky, \$157.00 per acre; Michigan, \$144.00 per acre; Pennsylvania, \$101.00 per acre; and West Virginia, \$41.50 per acre.

Pasture cash rents in the Corn Belt region increased \$1.50 to \$41.50 per acre. Pasture cash rent in the United States was \$14.00 per acre.

Chickens and Eggs

All layers in Ohio totaled 36.6 million during June, up 7 percent from a year ago. Egg production totaled 897 million eggs, up 8 percent from last year. The rate of lay during June was 2,455 eggs per 100 layers. All layers in the U.S. totaled

366.0 million during June, down 4 percent from a year ago. There were 22.6 million turkey poults hatched in the U.S. in June, up 2 percent from the previous year.

Egg and Hatchery Production - Ohio and United States: June 2021 and 2022

Item	2021	2022	Percent Change
Ohio			
All layers.....thousand	34,210	36,552	7
Eggs per hundred layers number	2,438	2,455	1
Eggs produced million	834	897	8
U.S.			
All Layers.....thousand	383,040	366,049	-4
Eggs per hundred layers number	2,329	2,367	2
Eggs produced million	8,922	8,665	-3
Turkey Eggs in incubators, Jul 1thousand	26,870	26,611	-1
Turkey Poults hatched, Jun.....thousand	22,098	22,647	2

June Agricultural Prices

Prices Received by Ohio farmers for the full month of June 2022 are listed in the table below. Some Ohio highlights were: June corn, at \$7.22 per bushel, increased \$0.14 from May and increased \$0.88 from last year; June soybeans, at \$16.40 per bushel, increased \$0.40 from last month and increased \$2.10 from last year; June wheat, at \$8.32 per bushel, decreased \$2.38 from May but increased \$1.96 from last year; June milk, at \$26.00 per cwt., decreased \$0.50 from last month but increased \$6.50 from last year.

Nationally, the June Prices Received Index 2011 Base (Agricultural Production), at 134.8, increased 0.2 percent

from May and 26 percent from June 2021. At 125.6, the Crop Production Index was up 2.2 percent from last month and 17 percent from the previous year. The Livestock Production Index, at 144.9, decreased 0.8 percent from May, but increased 35 percent from June last year. Producers received higher prices during June for oranges, corn, hogs, and soybeans but lower prices for strawberries, broilers, milk, and wheat. In addition to prices, the volume change of commodities marketed also influences the indexes. In June, there was increased monthly movement for wheat, hay, peaches, and corn and decreased marketing of oranges, milk, broilers, and strawberries.

Prices Received by Farmers¹ - Ohio and United States: June 2022 with Comparisons

Commodity	Ohio			United States		
	Jun 2021	May 2022	Jun 2022	Jun 2021	May 2022	Jun 2022
Corn dollars/bu	6.34	7.08	7.22	6.00	7.26	7.37
Hay, alfalfa dollars/ton	200.00	180.00	180.00	199.00	244.00	245.00
Hay, other dollars/ton	140.00	135.00	140.00	140.00	143.00	146.00
Soybeans dollars/bu	14.30	16.00	16.40	14.50	16.10	16.40
Wheat, winter dollars/bu	6.36	10.70	8.32	6.10	10.50	9.14
Milk, all dollars/cwt	19.50	26.50	26.00	18.20	27.30	26.90

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Ohio produced 471 million pounds of milk during June, down 1.5 percent from a year ago. Production per cow in Ohio averaged 1,875 pounds for June, 35 pounds above June 2021. The dairy herd was estimated at 251,000 head for June, down 9,000 head from a year earlier. The average price of milk sold in June by Ohio dairy producers was \$26.00 per cwt., \$6.50 more than the price in June 2021.

Milk Cows, Production, and Price – Ohio: June 2021 and 2022

Item	2021	2022
Cows 1,000 hd	260	251
Milk per cowlbs/month	1,840	1,875
Production mil lbs	478	471
Milk price, all dol/cwt	19.50	26.00
Fat test pct	3.80	3.84
Protein ¹ pct	3.09	3.10

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!