



Agriculture Across Ohio

Ohio Annual Crop Summary

Corn and soybean yields in Ohio in 2022 were both down from record highs set in 2021. Ohio's 2022 average corn yield was 187 bushels per acre, down 6 bushels from 2021. Growers harvested 3.18 million acres for grain, down 5 percent from 2021. Total production of corn for grain was 595 million bushels, down 8 percent from 2021.

Ohio's average soybean yield for 2022 was 55.5 bushels per acre, down 1.5 bushels from 2021. Growers harvested 5.08 million acres, up 4 percent from 2021. Production, at 282 million bushels, was up 1 percent from 2021.

Nationally, corn for grain production in the United States was estimated at 13.7 billion bushels, down 9 percent from the 2021 estimate. The average yield in the United States was estimated at 173.3 bushels per acre, 3.4 bushels below the 2021 record high yield of 176.7 bushels per acre. Estimated yields in 2022 were down from the previous year across the Southern Plains, Southeast, and West Coast. Record high yields were estimated in Idaho, Illinois,

Minnesota, Virginia, West Virginia, and Wisconsin. Corn planted area, at 88.6 million acres, was down 5 percent from the 2021 estimate. Area harvested for grain was estimated at 79.2 million acres, down 7 percent from the 2021 estimate. Record low harvested for grain acres were estimated for California

National soybean production in 2022 totaled 4.28 billion bushels, down 4 percent from 2021. The average yield was estimated at 49.5 bushels per acre, 2.2 bushels below 2021. Planted area for the Nation, at 87.5 million acres, was up less than 1 percent from the 2021 planted acreage. Soybean growers harvested 86.3 million acres, up slightly from 2021. Record high planted acreage was estimated in Illinois, Kentucky, Missouri, Nebraska, New York, and Ohio. Illinois, Kentucky, Missouri, and Nebraska had record high harvested acreage. Record high yields occurred in Arkansas and Mississippi. Record high production was harvested in Mississippi, Ohio, and Wisconsin.

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	93,252	88,579
Corn, grain				
Harvested 1,000 acres	3,340	3,180	85,318	79,207
Yield Bushels	193.0	187.0	176.7	173.3
Production 1,000 bu	644,620	594,660	15,073,820	13,729,719
Corn, silage				
Harvested 1,000 acres	160	170	6,445	6,860
Yield Tons	20.0	22.0	20.1	18.7
Production 1,000 tons	3,200	3,740	129,429	128,567
Hay, all				
Harvested 1,000 acres	870	830	50,736	49,546
Yield Tons	2.71	2.70	2.37	2.28
Production 1,000 tons	2,355	2,243	120,196	112,801
Soybeans				
Planted 1,000 acres	4,900	5,100	87,195	87,450
Harvested 1,000 acres	4,880	5,080	86,312	86,336
Yield Bushels	57.0	55.5	51.7	49.5
Production 1,000 bu	278,160	281,940	4,465,382	4,276,123

Winter Wheat Seedings

Ohio winter wheat seeded area for 2023 is estimated at 650,000 acres, an increase of 27 percent from last year. Winter wheat planting progressed at a normal rate throughout the fall planting season, though crop emergence lagged the five-year average due to abnormally dry conditions. Winter wheat planting was all but wrapped up by November 6, slightly ahead of schedule, but was only 73 percent emerged at that time, behind the five-year average of 81 percent. The crop condition was rated 58 percent good to excellent as of November 27, compared with 61 percent during the same period last year.

U.S. winter wheat planted area for harvest in 2023 is estimated at 37.0 million acres, up 11 percent from 2022 and up 10 percent from 2021. Seeding of the 2023 acreage was underway in early-September and began the month equal to the 5-year average pace. Throughout much of the season, planting progressed on pace with the 5-year average and reached 96 percent complete by November 13. Emergence was 1 percentage point ahead of the 5-year average pace on November 27.

Winter Wheat Area Seeded - Ohio and United States: 2021 - 2023

Item	Ohio			United States		
	2021	2022	2023	2021	2022	2023
Planted 1,000 acres	580	510	650	33,678	33,271	36,950
Harvested 1,000 acres	515	465		25,464	23,459	
Yield Bushels	85	79		50.2	47.0	
Production 1,000 bu	43,775	36,735		1,277,755	1,103,707	

November Agricultural Prices

Prices Received by Ohio farmers for the full month of November 2022 are listed in the table below. Some Ohio highlights were: November corn, at \$6.31 per bushel, decreased \$0.08 from October but increased \$1.06 from last year; November soybeans, at \$14.10 per bushel, increased \$0.60 from last month and increased \$1.80 from last year; November wheat, at \$7.63 per bushel, decreased \$0.69 from October but increased \$0.31 from last year; November milk, at \$26.00 per cwt., decreased \$0.20 from last month but increased \$4.90 from last year.

Nationally, the November Prices Received Index 2011 Base (Agricultural Production), at 133.4, increased 4.5

percent from October and 23 percent from November 2021. At 127.1, the Crop Production Index was up 4.3 percent from last month and 19 percent from the previous year. The Livestock Production Index, at 143.4, increased 3.2 percent from October and 30 percent from November last year. Producers received higher prices during November for lettuce, soybeans, market eggs, and cattle but lower prices for hogs, hay, milk, and cotton. In addition to prices, the volume change of commodities marketed also influences the indexes. In November, there was increased monthly movement for corn, milk, cattle, and cotton and decreased marketing of soybeans, grapes, lettuce, and wheat.

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

Commodity	Ohio			United States		
	Nov 2021	Oct 2022	Nov 2022	Nov 2021	Oct 2022	Nov 2022
Corn dollars/bu	5.25	6.39	6.31	5.26	6.50	6.49
Hay, alfalfa dollars/ton	200.00	180.00	180.00	213.00	281.00	267.00
Hay, other dollars/ton	145.00	150.00	160.00	155.00	180.00	182.00
Soybeans dollars/bu	12.30	13.50	14.10	12.10	13.50	14.00
Wheat, winter dollars/bu	7.32	8.32	7.63	7.78	9.14	8.92
Milk, all dollars/cwt	21.10	26.20	26.00	20.70	25.90	25.60

¹ Entire month weighted average price.

December Hogs and Pigs

Ohio's total hog and pig inventory on December 1 was estimated at 2.65 million head, down 150,000 head from a year ago. Breeding hog inventory, at 190,000 head, had no change from last December. Market hog inventory, at 2.46 million head, was down 6 percent from last year. The average pigs saved per litter for the September to November quarter was 11.30, compared to 11.50 from the same period last year.

United States inventory of all hogs and pigs on December 1, 2022 was 73.1 million head. This was down 2 percent from December 1, 2021, and down 1 percent from September 1, 2022.

Breeding inventory, at 6.15 million head, was up slightly from last year, and up slightly from the previous quarter. Market hog inventory, at 67.0 million head, was down 2 percent from last year, and down 1 percent from last quarter.

The September-November 2022 pig crop, at 33.7 million head, was down 1 percent from 2021. Sows farrowing during this period totaled 3.00 million head, down 1 percent from 2021. The sows farrowed during this quarter represented 49 percent of the breeding herd. The average pigs saved per litter was 11.22 for the September-November period, compared to 11.19 last year.

United States hog producers intend to have 2.95 million sows farrow during the December 2022-February 2023 quarter, up 1 percent from the actual farrowings during the same period one year earlier, and up 1 percent from the same period two years earlier. Intended farrowings for March-May 2023, at 2.98 million sows, are up slightly from the same period one year earlier, but down 2 percent from the same period two years earlier.

Hog inventory and farrowings: Ohio and United States, December 1, 2022

Hogs and pigs	Ohio			United States		
	2021	2022	Change	2021	2022	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	190	190	0	6,125	6,154	0
Market	2,610	2,460	-6	68,321	66,966	-2
Under 50 pounds	730	720	-1	21,594	21,153	-2
50-119 pounds	640	630	-2	19,005	18,620	-2
120-179 pounds	585	510	-13	14,374	14,095	-2
180+ pounds	655	600	-8	13,348	13,098	-2
Total	2,800	2,650	-5	74,446	73,119	-2
Sows farrowed, Sep-Nov	106	90	-15	3,049	3,004	-1
Pigs/litter, Sep-Nov	11.50	11.30	-2	11.19	11.22	0
Pig crop, Sep-Nov	1,219	1,017	-17	34,123	33,691	-1
Sows farrowing, Dec-Feb ^{1 2}	95	97	2	2,919	2,947	1
Sows farrowing, Mar-May ^{1 2}	90	94	4	2,967	2,981	0

¹ Intentions.

² Upcoming year.

Chickens and Eggs

All layers in Ohio totaled 36.2 million during November, up 1 percent from a year ago. Egg production totaled 876 million eggs, down less than 1 percent from last year. The rate of lay during November was 2,421 eggs per 100 layers.

All layers in the U.S. totaled 374.6 million during November, down 4 percent from a year ago. There were 22.6 million turkey poults hatched in the U.S. in November, down slightly from the previous year.

Egg and Hatchery Production – Ohio and United States: November 2021 and 2022

Item	2021	2022	Percent Change
Ohio			
All layers..... Thousand	35,938	36,196	1
Eggs per hundred layers.....Number	2,449	2,421	-1
Eggs produced..... Million	880	876	0
U.S.			
All Layers..... Thousand	392,242	374,618	-4
Eggs per hundred layers.....Number	2,371	2,369	0
Eggs produced..... Million	9,301	8,874	-5
Turkey Eggs in incubators, Dec 1..... Thousand	25,989	26,503	2
Turkey Poults hatched, Nov..... Thousand	22,688	22,591	0

Ohio December 1 Grain Stocks

On December 1, 2022, Ohio corn stocks totaled 516 million bushels, approximately 4 percent below a year earlier. About 67 percent of the corn was stored on farms. The first quarter disappearance was 142 million bushels, compared with 160 million bushels a year earlier. Soybean stocks on December 1, 2022, were 251 million bushels. That was 15 percent higher than stocks a year earlier. Farm stocks of soybeans were 140 million bushels. The first quarter indicated disappearance was 49.0 million bushels, compared with 73.0 million bushels during the same period a year ago. Wheat stocks on December 1, 2022, were 50.0 million bushels, 7 percent below a year ago. Second quarter indicated disappearance was 9.56 million bushels compared with 7.55 million bushels last year. About 98 percent of wheat stocks were in commercial storage.

November Milk Production

Dairy herds in Ohio produced 448 million pounds of milk during November, up 1.1 percent from a year ago. Production per cow in Ohio averaged 1,790 pounds for November, 20 pounds above November 2021. The dairy herd was estimated at 250,000 head for November, unchanged from a year earlier. The average price of milk sold in November by Ohio dairy producers was \$26.00 per cwt., \$4.90 more than the price in November 2021.

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

Item	2021	2022
Cows 1,000 hd	250	250
Milk per cow lb/month	1,770	1,790
Production mil lbs	443	448
Milk price, all dol/cwt	21.10	26.00
Fat test pct	4.09	4.08
Protein ¹ pct	3.32	3.30

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!