



Agriculture Across Ohio

Ohio Annual Crop Summary

Crop conditions varied widely across the state, due to delays in planting, replanting, and emergence issues throughout the 2017 season. Heavy rains along with cold temperatures at the beginning of the season hindered the drying of fields and caused the need for significant replanting. Drier conditions in June brought opportunities to dry out fields to resume planting and other field activities. The dry weather continued allowing growers to catch up on replanting, apply fertilizer and cut hay. Excessive moisture throughout July created concerns in crop progress. August brought cooler drier conditions which helped stabilize crops.

Ohio's 2017 average corn yield was 177 bushels per acre, a new State record, up 18 bushels from last year. Producers harvested 3.13 million acres, compared to 3.30 million acres in 2016. Total State production of corn for grain was 554 million bushels, up 6 percent from the 2016 production of 525 million

bushels. Acreage harvested for silage was 220,000 acres, an increase of 10,000 acres from 2016. The average silage yield increased by 4.5 tons from 2016 to 20 tons per acre. The Ohio corn harvest progressed slightly behind 2016 throughout the fall and was near completion by the end of November.

Ohio's average soybean yield for 2017 was estimated at 49.5 bushels per acre. The estimate is down 5 bushels per acre from the 2016 yield. Ohio producers planted 5.10 million acres and harvested 5.09 million acres. Planted and harvested acreage both increased by 250,000 acres from 2016. Soybean production is down 5 percent from 2016 to 252 million bushels.

Alfalfa yields for Ohio averaged 3.20 tons per acre while all other hay averaged 2.10 tons per acre same as last year. Total hay production was 2.57 million tons.

Area Planted and Harvested, Yield, and Production by Crop – Ohio and United States: 2015 - 2017

Commodity	Ohio			United States		
	2015	2016	2017	2015	2016	2017
Corn, all						
Planted.....1,000 acres	3,550	3,550	3,400	88,019	94,004	90,167
Corn, grain						
Harvested.....1,000 acres	3,260	3,300	3,130	80,753	86,748	82,703
Yield..... Bushels	153.0	159.0	177.0	168.4	174.6	176.6
Production..... 1,000 bu	498,780	524,700	554,010	13,601,964	15,148,038	14,604,067
Corn, silage						
Harvested.....1,000 acres	240	210	220	6,237	6,186	6,434
Yield..... Tons	20.0	15.5	20.0	20.4	20.3	19.9
Production..... 1,000 tons	4,800	3,255	4,400	127,311	125,670	128,356
Hay, all						
Harvested.....1,000 acres	1,080	970	1,060	54,447	53,481	53,784
Yield..... Tons	2.34	2.54	2.42	2.47	2.52	2.44
Production..... 1,000 tons	2,532	2,466	2,567	134,502	134,995	131,455
Soybeans						
Planted.....1,000 acres	4,750	4,850	5,100	82,650	83,433	90,142
Harvested.....1,000 acres	4,740	4,840	5,090	81,732	82,696	89,522
Yield..... Bushels	50.0	54.5	49.5	48.0	52.0	49.1
Production..... 1,000 bu	237,000	263,780	251,955	3,926,339	4,296,086	4,391,553

Ohio Winter Wheat Seedings

Ohio winter wheat seeded area for 2018 is estimated at 530,000 acres, an increase of 15 percent from last year. Ohio winter wheat plantings concluded by mid-November, on pace with last year and the 5-year average. Heavy rains toward the end of the planting season washed out some of the crop, but what remained emerged slightly faster than last year and looked healthy. As of November 26, the winter wheat crop was reported to be 88 percent in good to excellent condition.

U.S. winter wheat planted area for harvest in 2018 is estimated at 32.6 million acres, down less than 1 percent from 2017 and down 10 percent from 2016. This represents the second lowest United States acreage on record. Seedings, which began in early September, remained behind the 5-year average seeding pace through early November when seeding was mostly complete.

Winter wheat area seeded, 2016 - 2018

Item	Ohio			United States		
	2016	2017	2018	2016	2017	2018
Planted 1,000 acres	580	460	530	36,152	32,696	32,608
Harvested 1,000 acres	560	435		30,237	25,291	
Yield Bushels	80	74		55.3	50.2	
Production 1,000 bu	44,800	32,190		1,672,582	1,269,437	

November Agricultural Prices

Prices Received by Ohio farmers for the full month of November 2017 are listed in the table below. Some Ohio highlights were: November corn, at \$3.37 per bushel, was down \$0.07 from October and was down \$0.07 from last year; November soybeans, at \$9.44 per bushel, was up \$0.05 from last month and was down \$0.24 from last year; November wheat, at \$4.51 per bushel, was up \$0.09 from October and was up \$0.58 from last year; November milk, at \$18.70 per cwt., was up \$0.40 from last month, and was up \$1.10 from last year.

The November Prices Received Index (Agricultural Production), at 91.0, increased 4.2 percent from October 2017. At 81.4, the Crop Production Index decreased 1.0 percent. The

Livestock Production Index, at 101.7, increased 8.1 percent. Producers received higher prices for market eggs, cattle, hogs, and broilers but lower prices for lettuce, corn, apples, and turkeys. Compared with a year earlier, the Prices Received Index is up 9.1 percent. The Crop Production Index increased 1.1 percent and the Livestock Production Index increased 18 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Increased monthly movement of cattle, corn, milk, and cotton offset the decreased marketing of soybeans, grapes, potatoes, and wheat. The Food Commodities Index, at 99.9, increased 7.7 percent from the previous month and 12 percent from November 2016.

Prices Received by Farmers¹, November 2017

Commodity	Ohio			United States		
	Nov 2016	Oct 2017	Nov 2017	Nov 2016	Oct 2017	Nov 2017
Corn dollars/bu	3.44	3.44	3.37	3.24	3.26	3.15
Hay, alfalfa dollars/ton	185.00	180.00	180.00	130.00	152.00	148.00
Hay, other dollars/ton	120.00	130.00	110.00	120.00	118.00	118.00
Soybeans dollars/bu	9.68	9.39	9.44	9.47	9.18	9.22
Wheat, winter dollars/bu	3.93	4.42	4.51	3.41	4.17	4.07
Milk, all dollars/cwt	17.60	18.30	18.70	17.80	17.90	18.10

¹ Entire month weighted average price.

December Hogs and Pigs

Ohio's total hog and pig inventory on December 1 was estimated at 2.90 million head, up 200,000 head from a year ago. Breeding hog inventory, at 190,000 head, was down 5 percent from last December. Market hog inventory, at 2,710,000 head, was up 8 percent from last year. The average pigs saved per litter for the September to November quarter was 10.80, up 0.30 from the same period last year.

United States inventory of all hogs and pigs on December 1, 2017 was 73.2 million head. This was up 2 percent from December 1, 2016, but down slightly from September 1, 2017.

U.S. breeding inventory, at 6.18 million head, was up 1 percent from last year, and up 1 percent from the previous quarter. Market hog inventory, at 67.1 million head, was up 2 percent from last year, but down slightly from last quarter.

The U.S. September-November 2017 pig crop, at 33.4 million head, was up 3 percent from 2016. Sows farrowing

during this period totaled 3.11 million head, up 2 percent from 2016. The sows farrowed during this quarter represented 51 percent of the breeding herd. The average pigs saved per litter was a record high of 10.74 for the September-November period, compared to 10.63 last year. Pigs saved per litter by size of operation ranged from 7.90 for operations with 1-99 hogs and pigs to 10.80 for operations with more than 5,000 hogs and pigs.

U.S. hog producers intend to have 3.07 million sows farrow during the December-February 2018 quarter, up 3 percent from the actual farrowings during the same period in 2017, and up 5 percent from 2016. Intended farrowings for March-May 2018, at 3.08 million sows, are up 2 percent from 2017, and up 4 percent from 2016.

Hog inventory and farrowings: Ohio and United States, December 1, 2017

Hogs and pigs	Ohio			U.S.		
	2016	2017	Change	2016	2017	Change
	1,000 head	1,000 head	Percent	1,000 head	1,000 head	Percent
Breeding	200	190	-5	6,110	6,179	1
Market	2,500	2,710	8	65,435	67,051	2
Under 50 pounds	750	760	1	20,887	21,447	3
50-119 pounds	660	760	15	18,102	18,549	2
120-179 pounds	600	660	10	13,786	14,105	2
180+ pounds	490	530	8	12,660	12,949	2
Total	2,700	2,900	7	71,545	73,230	2
Sows farrowed, Sep-Nov	96	100	4	3,046	3,109	2
Pigs/litter, Sep-Nov	10.50	10.80	3	10.63	10.74	1
Pig crop, Sep-Nov	1,008	1,080	7	32,372	33,399	3
Sows farrowing, Dec-Feb ^{1 2}	91	93	2	2,986	3,070	3
Sows farrowing, Mar-May ^{1 2}	97	94	-3	3,014	3,083	2

¹ Intentions

² Upcoming year

Chickens and Eggs

All layers in Ohio totaled 31.8 million during November, down 1 percent from a year ago. Egg production totaled 751 million eggs, down 2 percent from last year. The rate of lay during November was 2,360 eggs per 100 layers. On December 1, 2017 in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin,

there were 5.7 million egg-type eggs in incubators, up 4 percent from a year earlier. In the same region, there were 16.6 million broiler-type eggs in incubators, up 9 percent from the previous year. There were 23.2 million turkey poults hatched in the U.S. in November, 2 percent above the previous year.

Egg and Hatchery Production, November 2017

Item		2016	2017	Percent Change
Ohio				
All layers	Thousand	31,995	31,810	-1
Eggs per hundred layers	Number	2,396	2,360	-2
Eggs produced	Million	767	751	-2
East North Central Region				
Eggs in incubators, Dec 1				
Egg-type	Thousand	5,465	5,679	4
Broiler type	Thousand	15,257	16,561	9
U.S.				
All Layers	Thousand	374,040	378,092	1
Eggs per hundred layers	Number	2,328	2,306	-1
Eggs produced	Million	8,707	8,717	0
Turkey Eggs in incubators, Dec 1	Thousand	28,795	27,716	-4
Turkey Poults hatched, Nov	Thousand	22,782	23,166	2

December 1 Grain Stocks

On December 1, 2017, Ohio corn stocks totaled 435.5 million bushels, 6 percent below a year earlier. About 64 percent of the corn was stored on farms. The first quarter disappearance was 183.9 million bushels, compared with 129.3 million bushels a year earlier. Soybean stocks on December 1, 2017, were 200.6 million bushels. That was 1 percent higher than stocks a year earlier. The first quarter indicated disappearance was 71.5 million bushels, compared with 79.3 million bushels during the same period a year ago. Farm stocks of soybeans were 110 million bushels. Wheat stocks on December 1, 2017, were 71.0 million bushels, 8 percent above a year ago. About 98 percent of wheat stocks were in commercial storage. Second quarter indicated disappearance was 8.6 million bushels, compared with 9.9 million bushels during the same period last year.

November Milk Production

Dairy herds in Ohio produced 442 million pounds of milk during November, up 0.9 percent from a year ago. The daily rate per cow was 55.8 pounds, up 0.1 pound from November 2016. The dairy herd was estimated at 264,000 head for November, up 2,000 head from a year earlier. The average price of milk sold in November by Ohio dairy producers was \$18.70 per cwt., \$1.10 more than the price in November 2016.

Ohio Dairy Summary, November 2017

Item		2015	2016	2017
Cows	1,000 Hd	266	262	264
Milk per cow	Lb/day	54.5	55.7	55.8
Production	Mil lbs	435	438	442
Milk price, all	Dol/cwt	19.60	17.60	18.70
Fat test	Pct	3.88	3.94	3.89
Protein ¹	Pct	3.18	3.20	3.21

¹ FMO 33

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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!