



Agriculture Across Ohio

Ohio Annual Crop Summary

Weather conditions presented challenges to field crop growers throughout the 2016 season. Cold, wet conditions at the season's start delayed planting and subsequent spraying and fertilizer applications. Conditions improved during the last week of May, when dry weather led to a surge in planting activities. Dry conditions persisted, however, benefitting wheat harvest and hay cutting, but stressing growing crops. Rain returned by mid-August to lift the potential of later planted crops, but continued rains stalled harvest efforts.

Ohio's 2016 average corn yield was 159 bushels per acre, up 6 bushels from last year. Producers harvested 3.3 million acres, compared to 3.26 million acres in 2015. Total State production of corn for grain was 525 million bushels, up 5 percent from the 2015 production of 499 million bushels. Acreage harvested for silage was 210,000 acres, an decrease of 30,000 acres from

2015. The average silage yield decreased by 4.5 tons from 2015 to 15.5 tons per acre. The Ohio corn harvest progressed at the normal pace throughout the fall and was virtually done by the end of November.

Ohio's average soybean yield for 2016 was estimated at 54.5 bushels per acre. The estimate is up 4.5 bushels per acre from the 2015 yield this would be a new state record by 2.5 bushels. Ohio producers planted 4.85 million acres and harvested 4.84 million acres. Planted and harvested acreage both increased by 100,000 acres from 2015. Soybean production is up 12 percent from 2015 to 266 million bushels.

Alfalfa yields for Ohio averaged 3.4 tons per acre while all other hay averaged 2.10 tons per acre same as last year. Total hay production was 2.47 million tons.

Area Planted and Harvested, Yield, and Production by Crop – Ohio and United States: 2014 - 2016

Commodity	Ohio			United States		
	2014	2015	2016	2014	2015	2016
Corn, all						
Planted..... 1,000 acres	3,700	3,550	3,550	90,597	88,019	94,004
Corn, grain						
Harvested 1,000 acres	3,470	3,260	3,300	83,136	80,753	86,748
Yield.....Bushels	176.0	153.0	159.0	171.0	168.4	174.6
Production..... 1,000 bu	610,720	498,780	524,700	14,215,532	13,601,964	15,148,038
Corn, silage						
Harvested 1,000 acres	190	240	210	6,371	6,237	6,186
Yield..... Tons	20.5	20.0	15.5	20.1	20.4	20.3
Production..... 1,000 tons	3,895	4,800	3,255	128,048	127,311	125,670
Hay, all.....						
Harvested 1,000 acres	960	1,080	970	57,062	54,447	53,461
Yield..... Tons	2.82	2.34	2.54	2.45	2.47	2.52
Production..... 1,000 tons	2,710	2,532	2,466	139,923	134,502	134,781
Soybeans						
Planted..... 1,000 acres	4,700	4,750	4,850	83,276	82,650	83,433
Harvested 1,000 acres	4,690	4,740	4,840	82,591	81,732	82,736
Yield.....Bushels	52.5	50.0	54.5	47.5	48.0	52.1
Production..... 1,000 bu	246,225	237,000	263,780	3,927,090	3,926,339	4,306,671

Ohio Winter Wheat Seedings

Ohio winter wheat seeded area for 2017 is estimated at 490,000 acres, a decrease of 16 percent from last year. Ohio winter wheat seeding began in mid-September; wet soil conditions, in addition to delayed harvest dates for corn and soybeans, slowed planting progress and reduced the number of acres of wheat which could be planted. Planting pace increased throughout the fall as soil conditions improved, and seeding was completed by mid-November, slightly behind schedule.

By the end of November, the crop was nearly fully emerged, and 87 percent of the crop was rated good-to-excellent.

U.S. winter wheat planted area for harvest in 2017 is estimated at 32.4 million acres, down 10 percent from 2016 and 18 percent below 2015. This represents the second lowest United States acreage on record. Seeding began in early September and remained at or ahead the 5-year average seeding pace through the middle of November when seeding was mostly complete.

Winter wheat area seeded, 2015 - 2017

Item	Ohio			United States		
	2015	2016	2017	2015	2016	2017
Planted 1,000 acres	520	580	490	39,681	36,137	32,383
Harvested 1,000 acres	480	560		32,346	30,222	
Yield Bushels	67	80		42.5	55.3	
Production 1,000 bu	32,160	44,800		1,374,690	1,671,532	

November Agricultural Prices

Prices received by Ohio farmers for the full month of November 2016 are listed in the table below. Some Ohio highlights were: November corn, at \$3.44 per bushel, decreased \$0.01 from October and decreased \$0.43 from last year; November soybeans, at \$9.68 per bushel, increased \$0.24 from last month and increased \$0.85 from last year; November wheat, at \$3.93 per bushel, increased \$0.09 from October and decreased \$0.31 from last year; November milk at \$17.60 per cwt., increased \$1.00 from last month, and decreased \$2.00 from last year.

The November Prices Received Index (Agricultural Production), at 83.6, increased 3.5 percent from October 2016. At 81.0, the Crop Production Index increased 1.9 percent. The

Livestock Production Index, at 86.3, increased 4.7 percent. Producers received higher prices for broilers, milk, and cattle but lower prices for hogs, corn, and apples. Compared with a year earlier, the Prices Received Index is down 8.9 percent. The Crop Production Index decreased 1.1 percent and the Livestock Production Index 18 percent. In addition to prices, the indexes are influenced by changes in the monthly mix of commodities marketed. Increased monthly movement of milk, cattle, cotton, and corn offset the decreased marketing of soybeans, grapes, potatoes, and wheat. The Food Commodities Index, at 89.3, increased 6.1 percent from the previous month but is down 12 percent from November 2015.

Prices Received by Farmers¹, November 2016

Commodity	Ohio			United States		
	Nov 2015	Oct 2016	Nov 2016	Nov 2015	Oct 2016	Nov 2016
Corn dollars/bu	3.87	3.45	3.44	3.59	3.29	3.23
Hay, alfalfa dollars/ton	170.00	190.00	185.00	147.00	135.00	130.00
Hay, other dollars/ton	150.00	130.00	120.00	124.00	121.00	123.00
Soybeans dollars/bu	8.83	9.44	9.68	8.68	9.30	9.46
Wheat, winter dollars/bu	4.24	3.84	3.93	4.66	3.36	3.40
Milk, all dollars/cwt	19.60	16.60	17.60	18.20	16.60	17.60

¹ Entire month weighted average price.

December Hogs and Pigs

Ohio's total hog and pig inventory on December 1 was estimated at 2.70 million head, up 200,000 head from a year ago. Breeding hog inventory, at 200,000 head, was up 5 percent from last December. Market hog inventory, at 2,500,000 head, was up 8 percent from last year. The average pigs saved per litter for the September to November quarter at 10.50 was unchanged from last year.

United States inventory of all hogs and pigs on December 1, 2016 was 71.5 million head. This was up 4 percent from December 1, 2015, and up slightly from September 1, 2016. Breeding inventory, at 6.09 million head, was up 1 percent from last year, and up 1 percent from the previous quarter. Market hog inventory, at 65.4 million head, was up 4 percent from last year, and up slightly from last quarter.

The September-November 2016 pig crop, at 32.3 million head, was up 5 percent from 2015. Sows farrowing during this period totaled 3.04 million head, up 4 percent from 2015. The

sows farrowed during this quarter represented 51 percent of the breeding herd. The average pigs saved per litter was a record high 10.63 for the September-November period, compared to 10.53 last year. Pigs saved per litter by size of operation ranged from 8.20 for operations with 1-99 hogs and pigs to 10.70 for operations with more than 5,000 hogs and pigs.

United States hog producers intend to have 2.97 million sows farrow during the December-February 2017 quarter, up 1 percent from the actual farrowings during the same period in 2016, and up 3 percent from 2015. Intended farrowings for March-May 2017, at 3.00 million sows, are up 1 percent from 2016, and up 5 percent from 2015.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 48 percent of the total United States hog inventory, up from 46 percent last year.

Hog inventory and farrowings: Ohio and United States, December 1, 2016

Hogs and pigs	Ohio			U.S.		
	2015	2016	Change	2015	2016	Change
	1,000 head	1,000 head	Percent	1,000 head	1,000 head	Percent
Breeding	190	200	5	6,002	6,090	1
Market	2,310	2,500	8	62,917	65,410	4
Under 50 pounds	620	750	21	20,008	20,882	4
50-119 pounds	620	650	5	17,262	18,037	4
120-179 pounds	620	610	-2	13,370	13,911	4
180+ pounds	450	490	9	12,276	12,580	2
Total	2,500	2,700	8	68,919	71,500	4
Sows farrowed, Sep-Nov	91	95	4	2,929	3,043	4
Pigs/litter, Sep-Nov	10.50	10.50	0	10.53	10.63	1
Pig crop, Sep-Nov	956	998	4	30,848	32,333	5
Sows farrowing, Dec-Feb ^{1 2}	91	92	1	2,927	2,968	1
Sows farrowing, Mar-May ^{1 2}	88	91	3	2,968	2,997	1

¹ Intentions

² Upcoming year

Chickens and Eggs

All layers in Ohio totaled 32.0 million during November, down 3 percent from a year ago. Egg production totaled 767 million eggs, down 3 percent from last year. The rate of lay during November was 2,396 eggs per 100 layers. On December 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were

5.5 million egg-type eggs in incubators, down 42 percent from a year earlier. In the same region, there were 15.3 million broiler-type eggs in incubators, up 7 percent from the previous year. There were 23.0 million turkey poult hatched in the U.S. in November, up 10 percent from the previous year.

Egg and Hatchery Production, November 2016

Item		2015	2016	Percent Change
Ohio				
All layers	Thousand	33,003	31,995	-3
Eggs per hundred layers	Number	2,393	2,396	0
Eggs produced	Million	790	767	-3
East North Central Region				
Eggs in incubators, Dec 1				
Egg-type	Thousand	9,376	5,462	-42
Broiler type	Thousand	14,267	15,257	7
U.S.				
All Layers	Thousand	343,469	366,523	7
Eggs per hundred layers	Number	2,260	2,328	3
Eggs produced	Million	7,763	8,532	10
Turkey Eggs in incubators, Dec 1	Thousand	25,727	27,436	7
Turkey Poults hatched, Nov	Thousand	20,996	22,999	10

December 1 Grain Stocks

On December 1, 2016, Ohio corn stocks totaled 462.7 million bushels, 3 percent above a year earlier. About 67 percent of the corn was stored on farms. The first quarter disappearance was 129.3 million bushels, compared with 106.5 million bushels a year earlier. Soybean stocks on December 1, 2016, were 198.2 million bushels. That was 10 percent higher than stocks a year earlier. The first quarter indicated disappearance was 79.3 million bushels, compared with 68.8 million bushels during the same period a year ago. Farm stocks of soybeans were 110 million bushels. Wheat stocks on December 1, 2016, were 65.6 million bushels, 43 percent above a year ago. Approximately 95 percent of wheat stocks were in commercial storage. Second quarter indicated disappearance was 9.9 million bushels, compared with 8.3 million bushels during the same period last year.

November Milk Production

Dairy herds in Ohio produced 438 million pounds of milk during November, up 1 percent from a year ago. The daily rate per cow was 55.7 pounds, up 1.2 pounds from November 2015. The dairy herd was estimated at 262,000 head for November, down 4,000 from a year earlier. The average price of milk sold in November by Ohio dairy producers was \$17.60 per cwt., \$2.00 less than the price in November 2015.

Ohio Dairy Summary, November 2016

Item		2014	2015	2016
Cows	1,000 Hd	267	266	262
Milk per cow	Lb/day	54.0	54.5	55.7
Production	Mil lbs	433	435	438
Milk price, all	Dol/cwt	23.60	19.60	17.60
Fat test	Pct	3.92	3.88	3.86
Protein ¹	Pct	3.21	3.18	3.20

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!