



Indiana Agriculture Report

Indiana Annual Crop Summary

Indiana producers saw above average yields in both corn and soybeans, despite some challenging harvest conditions and sporadic weather patterns throughout the growing season. Growing conditions changed swiftly over the course of the season from periods of excess moisture to high temperatures and little rainfall, which hindered crop conditions some compared to last year. Although unpredictable weather continued throughout the season, crop conditions did improve prior to harvest.

Indiana corn production in 2017 totaled 934.2 million bushels, 1 percent below last year's total of 946.3 million bushels. Corn acreage harvested for grain totaled 5.19 million, down 5 percent from 2016. The average yield of 180 bushels

per acre was 7 bushels above last year's yield and the second highest on record.

Indiana's soybean production totaled 320.8 million bushels, down 1 percent from last year's 323.7 million bushels. Harvested acreage was estimated at 5.94 million, up 6 percent from last year's 5.63 million acres. The average yield of 54.0 bushels per acre was 3.5 bushels below the previous year's record high yield of 57.5.

Hay production (all types), at 1.64 million tons in 2017, was down 8 percent from the previous year.

Spearmint production in Indiana was 167,000 pounds, with an average yield of 54 pounds per acre. Peppermint production was 302,000 pounds, yield averaged 45 pounds per acre.

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

Commodity	Indiana			United States		
	2015	2016	2017	2015	2016	2017
Corn, all						
Planted 1,000 acres	5,650	5,600	5,350	88,019	94,004	90,167
Corn, grain						
Harvested 1,000 acres	5,480	5,470	5,190	80,753	86,748	82,703
Yield Bushels	150.0	173.0	180.0	168.4	174.6	176.6
Production 1,000 bu	822,000	946,310	934,200	13,601,964	15,148,038	14,604,067
Corn, silage						
Harvested 1,000 acres	90	100	135	6,237	6,186	6,434
Yield Tons	17.0	22.0	21.0	20.4	20.3	19.9
Production 1,000 tons	1,530	2,200	2,835	127,311	125,670	128,356
Hay, alfalfa						
Harvested 1,000 acres	230	210	270	17,778	16,885	16,563
Yield Tons	3.90	4.20	3.30	3.32	3.45	3.32
Production 1,000 tons	897	882	891	58,974	58,263	55,068
Hay, other						
Harvested 1,000 acres	330	290	310	36,669	36,596	37,221
Yield Tons	2.30	3.10	2.40	2.06	2.10	2.05
Production 1,000 tons	759	899	744	75,528	76,732	76,387
Peppermint						
Harvested 1,000 acres	10.0	9.8	6.7	65.3	63.6	60.4
Yield Pounds	40	50	45	90	90	96
Production 1,000 lbs	400	490	302	5,888	5,715	5,778
Spearmint						
Harvested 1,000 acres	3.5	3.3	3.1	25.8	24.5	22.3
Yield Pounds	54	80	54	114	131	125
Production 1,000 lbs	189	264	167	2,930	3,208	2,796
Soybeans						
Planted 1,000 acres	5,550	5,650	5,950	82,650	83,433	90,142
Harvested 1,000 acres	5,500	5,630	5,940	81,732	82,696	89,522
Yield Bushels	50.0	57.5	54.0	48.0	52.0	49.1
Production 1,000 bu	275,000	323,725	320,760	3,926,339	4,296,086	4,391,553
Winter Wheat						
Planted 1,000 acres	290	330	290	39,681	36,152	32,696
Harvested 1,000 acres	260	280	240	32,346	30,237	25,291
Yield bushels	68.0	81.0	74.0	42.5	55.3	50.2
Production 1,000 bu	17,680	22,680	17,760	1,374,690	1,672,582	1,269,437

Indiana Winter Wheat Seedings

Indiana winter wheat seeded area for 2018 is estimated at 330,000 acres, an increase of 14 percent from last year. Indiana winter wheat seeding began mid-September, falling slightly behind the previous year in the beginning, but growers were able to pick up the pace and stay on track with the five-year average for most of the planting period. Fall plantings concluded by the end of November; however, winter wheat emergence was reported to be slow across the State due to cooler-than-average temperatures. At the end of November, 75 percent of the crop was

rated good-to-excellent, up 7 percentage points from this time last year.

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	Indiana			United States		
	2016	2017	2018	2016	2017	2018
Planted..... 1,000 acres	330	290	330	36,152	32,696	32,608
Harvested 1,000 acres	280	240		30,237	25,291	
Yield.....Bushels	81.0	74.0		55.3	50.2	
Production 1,000 bushels	22,680	17,760		1,672,582	1,269,437	

November Agricultural Prices

Prices received by Indiana farmers for the full month of November 2017 are listed in the table below. Some Indiana highlights were: November corn, at \$3.32 per bushel, was down \$0.06 from October and was down \$0.12 from last year; November soybeans, at \$9.41 per bushel, was down \$0.01 from last month and was down \$0.23 from last year; November wheat, at \$4.48 per bushel, was up \$0.23 from October and was up \$0.81 from last year; November milk, at \$17.90 per cwt., was up \$0.30 from last month, and was up \$0.60 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	Indiana			United States		
	Nov 2016	Oct 2017	Nov 2017	Nov 2016	Oct 2017	Nov 2017
Corndollars/bu	3.44	3.38	3.32	3.24	3.26	3.15
Soybeansdollars/bu	9.64	9.42	9.41	9.47	9.18	9.22
Wheat, winterdollars/bu	3.67	4.25	4.48	3.41	4.17	4.07
Milk, alldollars/cwt	17.30	17.60	17.90	17.80	17.90	18.10

¹ Entire month weighted average price.

December Hogs and Pigs

Indiana's total hog and pig inventory on December 1 was estimated at 4.0 million head, down 100,000 head from a year ago. Breeding hog inventory, at 260,000 head, was down 4 percent from last December. Market hog inventory, at 3,740,000 head, was down 2 percent from last year. The average pigs saved per litter for the September to November quarter was 10.35, up 0.05 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.

United States 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: Indiana and United States, December 1, 2017

Hogs and pigs	Indiana			U.S.		
	2016	2017	Change	2016	2017	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	270	260	-4	6,110	6,179	1
Market	3,830	3,740	-2	65,435	67,051	2
Under 50 pounds	1,040	1,000	-4	20,887	21,447	3
50-119 pounds	1,090	1,060	-3	18,102	18,549	2
120-179 pounds	790	780	-1	13,786	14,105	2
180+ pounds	910	900	-1	12,660	12,949	2
Total	4,100	4,000	-2	71,545	73,230	2
Sows farrowed, Sep-Nov	140	135	-4	3,046	3,109	2
Pigs/litter, Sep-Nov	10.30	10.35	0	10.63	10.74	1
Pig crop, Sep-Nov	1,442	1,397	-3	32,372	33,399	3
Sows farrowing, Dec-Feb ^{1 2}	145	140	-3	2,986	3,070	3
Sows farrowing, Mar-May ^{1 2}	135	135	0	3,014	3,083	2

¹ Intentions.

² Upcoming year.

Chickens and Eggs

All layers in Indiana totaled 32.7 million during November, up 3 percent from a year ago. Egg production totaled 792 million eggs, up 3 percent from last year. The rate of lay during November was 2,420 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 poult hatched in the U.S. in November, 2 percent above the previous year.

Egg and Hatchery Production, November 2017

Item	2016	2017	Percent Change
Indiana			
All layers..... Thousand	31,863	32,744	3
Eggs per hundred layers..... Number	2,420	2,420	0
Eggs produced..... Million	771	792	3
East North Central Region			
Eggs in incubators, Dec 1, 2018			
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, Indiana corn stocks totaled 804.6 million bushels, 2 percent below a year earlier. About 69 percent of the corn was stored on farms. The first quarter disappearance was 271.2 million bushels, compared with 226.0 million bushels a year earlier. Soybean stocks on December 1, 2017, were 243.3 million bushels. That was 3 percent higher than stocks a year earlier. The first quarter indicated disappearance was 98.5 million bushels, compared with 99.1 million bushels during the same period a year ago. Farm stocks of soybeans were 140 million bushels. Wheat stocks on December 1, 2017, were 40.4 million bushels, 9 percent above a year ago. Ninety-eight percent of all wheat stocks were in commercial storage. Second quarter indicated disappearance was 3.2 million bushels, 7 percent of supply.

November Milk Production

Dairy herds in Indiana produced 347 million pounds of milk during November, up 3.3 percent from a year ago. The daily rate per cow was 61.8 pounds, up 1.3 pounds from November 2016. The dairy herd was estimated at 187,000 head for November, up 2,000 head from a year earlier. The average price of milk sold in November by Indiana dairy producers was \$17.90 per cwt., \$0.60 more than the price in November 2016.

Indiana Dairy Summary, November 2017

Item	2015	2016	2017
Cows 1,000 Hd	184	185	187
Milk per cow Lb/day	60.0	60.5	61.8
Production Mil lbs	331	336	347
Milk price, all Dol/cwt	19.00	17.30	17.90
Fat test Pct	3.77	3.80	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, Indiana Field Office and enumerator staff are pleased to provide you and the Indiana 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!