



USDA  
National Agricultural Statistics Service  
Upper Midwest Region – Minnesota Field Office  
Cooperating with the Minnesota Dept. of Agriculture  
[nassrfourm@nass.usda.gov](mailto:nassrfourm@nass.usda.gov)  
[www.nass.usda.gov](http://www.nass.usda.gov)

# Minnesota AgriView

Vol 17-22

November 22, 2017

## MONTHLY PRICES

The September 2017 average price received by farmers for **corn** in Minnesota was \$2.99 per bushel. This was \$0.08 below the August price but \$0.03 above the September 2016 price.

The September 2017 average price received by farmers for **soybeans**, at \$9.08 per bushel, was up \$0.20 from the August price but \$0.06 lower than the September 2016 price.

The September 2017 price for **spring wheat** was \$5.71 per bushel, down \$0.44 from August but up \$1.55 from September 2016.

**All hay** prices in Minnesota averaged \$86.00 per ton in September, up \$14.00 from the August price and \$21.00 per ton more than September 2016. The **alfalfa hay** price was \$98.00 per ton, up \$12.00 from August and \$29.00 above a year ago. The **other hay** price was \$67.00, up \$10.00 from August and \$14.00 above a year ago.

The September average price was \$17.90 per cwt for **milk**, down \$0.10 from August and even with one year ago. Prices for **replacement milk cows** averaged \$1,560 per head as of October 1, 2017.

### Prices Received by Farmers - Minnesota and United States

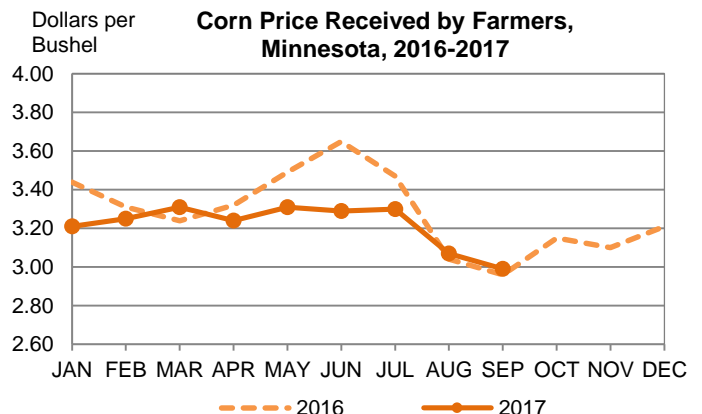
	Minnesota			United States		
	September 2016	August 2017	September 2017	September 2016	August 2017	September 2017
	(dollars)					
Barley, all .....bu	3.56	4.12	(D)	4.54	4.52	4.32
Beans, dry edible .....cwt	29.40	30.20	31.10	28.40	29.50	27.10
Corn .....bu	2.96	3.07	2.99	3.22	3.27	3.27
Hay, all baled .....ton	65.00	72.00	86.00	128.00	136.00	136.00
Alfalfa .....ton	69.00	86.00	98.00	136.00	147.00	149.00
Other .....ton	53.00	57.00	67.00	113.00	116.00	113.00
Oats .....bu	2.13	2.05	2.05	1.97	2.32	2.56
Soybeans .....bu	9.14	8.88	9.08	9.41	9.24	9.35
Spring wheat .....bu	4.16	6.15	5.71	4.22	5.87	5.62
Sunflowers, all .....cwt	19.70	19.30	19.20	17.90	19.10	17.40
Milk, all .....cwt	17.90	18.00	17.90	17.40	18.00	17.80
Milk cows <sup>1,2</sup> .....cwt	1,600.00	1,520.00	1,560.00	1,690.00	1,620.00	1,610.00

(D) Withheld to avoid disclosing data for individual operations. 1. Animals sold for dairy herd replacement only. Prices available for January, April, July, and October. 2. Milk cow prices are for October 1, 2016, July 1, 2017, and October 1, 2017.

### Livestock Prices Received by Farmers - United States

	September 2016	August 2017	September 2017
	(dollars)		
Calves .....cwt	142.00	163.00	173.00
Cattle, all beef .....cwt	108.00	114.00	105.00
Cows <sup>1</sup> .....cwt	74.50	76.30	69.90
Steers and heifers .....cwt	109.00	115.00	107.00
Hogs, all .....cwt	47.80	61.50	48.90
Barrows and gilts .....cwt	47.90	61.20	49.00
Sows .....cwt	46.30	71.80	45.50
Eggs (market) <sup>2</sup> .....doz	0.317	0.505	0.900

1. Beef cows and cull dairy cows sold for slaughter. 2. Mid-month price. Also referred to as table eggs.



### IN THIS ISSUE

*Monthly Prices*  
*Crop Production*  
*Objective Yield*  
*Chickens & Eggs*

# CROP PRODUCTION

Minnesota **corn** production is forecast at 1.45 billion bushels, down 6 percent from last year. Based on conditions as of November 1, yields are expected to average 190 bushels per acre, up 6 bushels per acre from the October 1 forecast but down 3 bushels from last year. Corn planted acreage is estimated at 8.10 million acres with 7.65 million acres harvested for grain.

**Soybean** production is forecast at 373 million bushels, down 4 percent from last year. The yield is forecast at 46.0 bushels per acre, no change from the October 1 forecast but 6.0 bushels below 2016. Soybean planted acreage is estimated at 8.15 million acres with 8.10 million acres to be harvested.

**Sugarbeet** production is estimated at a record high 12.7 million tons, up 2 percent from the previous record set last year. Yield is forecast at a record high 30.9 tons per acre, up 1.4 tons from the October 1 forecast and up 0.9 ton from the previous record set in 2016. Acres expected to be harvested decreased 6,000 acres from last year to 411,000 acres.

**Fall potato** production in Minnesota is forecast at 18.9 million hundredweight (cwt), up 12 percent from 2016. Yield is forecast at 415 cwt per acre, with an expected 45,500 acres harvested.

**U.S. corn** production is forecast at 14.6 billion bushels, down 4 percent from last year but up 2 percent from the October forecast. Based on conditions as of November 1, yields are expected to average 175.4 bushels per acre, up 3.6 bushels from the October forecast and up 0.8 bushel from 2016. If realized, this will be the highest yield on record for the United States. Area harvested for grain is forecast at 83.1 million acres, unchanged from the previous estimate but down 4 percent from 2016.

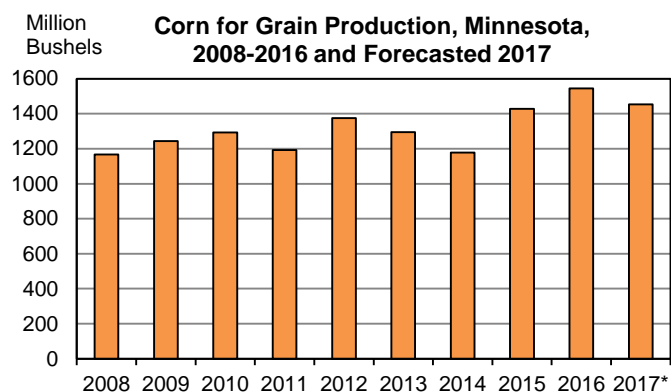
**U.S. soybean** production is forecast at a record 4.43 billion bushels, down less than 1 percent from October but up 3 percent from last year. Based on November 1 conditions, yields are expected to average 49.5 bushels per acre, unchanged from last month but down 2.5 bushels from last year. Area for harvest in the United States is forecast at a record high 89.5 million acres, unchanged from last month.

All crop forecasts in this report are based on November 1 conditions and do not reflect weather effects since that time. The next corn and soybean production estimates will be published in the *Crop Production – 2017 Summary* report which will be released on January 12, 2018.

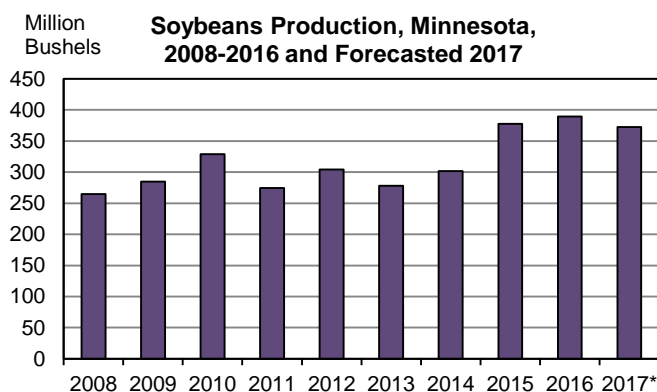
*NOTE: Soybean acreage, yield and production for 2016 were revised in October 2017. Updated 2016 district and county estimates will be available in February 2018.*

## Area Harvested, Yield, and Production Summary – Minnesota and United States: 2016 and Forecasted November 1, 2017

Crop	Area Harvested		Yield per acre		Production	
	2016	2017	2016	2017	2016	2017
	(1,000 acres)	(1,000 acres)			(1,000)	(1,000)
<b>MINNESOTA</b>						
Corn ..... bushels	8,000	7,650	193.0	190.0	1,544,000	1,453,500
Potatoes, fall..... cwt	42.0	45.5	400	415	16,800	18,883
Soybeans ..... bushels	7,490	8,100	52.0	46.0	389,480	372,600
Sugarbeets..... tons	417.0	411.0	30.0	30.9	12,510	12,700
<b>UNITED STATES</b>						
Corn ..... bushels	86,748	83,119	174.6	175.4	15,148,038	14,577,502
Potatoes, all ..... cwt	1,018.3	1,021.2	433	430	441,411	438,968
Potatoes, fall..... cwt	909.6	900.6	447	443	406,638	398,930
Soybeans ..... bushels	82,696	89,471	52.0	49.5	4,296,086	4,425,279
Sugarbeets..... tons	1,126	1,113	32.7	32.4	36,881	36,037



\*Forecasted November 1, 2017



\*Forecasted November 1, 2017

## U.S. Corn Supply and Use <sup>1</sup>

CORN	2015-2016	2016-2017 (Est.)	2017-2018 <sup>2</sup> Projections November
	<i>(million bushels)</i>		
Beginning stocks	1,731	1,737	2,295
Production	13,602	15,148	14,578
Imports	68	57	50
<b>Supply, total</b>	<b>15,401</b>	<b>16,942</b>	<b>16,922</b>
Feed & residual	5,114	5,463	5,575
Food, seed & industrial	6,648	6,891	6,935
<b>Domestic, total</b>	<b>11,763</b>	<b>12,354</b>	<b>12,510</b>
Exports	1,901	2,293	1,925
<b>Use, total</b>	<b>13,664</b>	<b>14,647</b>	<b>14,435</b>
<b>Ending stocks</b>	<b>1,737</b>	<b>2,295</b>	<b>2,487</b>
Avg. Farm price (\$/bu)	3.61	3.36	2.80 - 3.60

1. Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> 2. Preliminary

## U.S. Soybean Supply and Use <sup>1</sup>

SOYBEANS	2015-2016	2016-2017 (Est.)	2017-2018 <sup>2</sup> Projections November
	<i>(million bushels)</i>		
Beginning stocks	191	197	301
Production	3,926	4,296	4,425
Imports	24	22	25
<b>Supply, total</b>	<b>4,140</b>	<b>4,515</b>	<b>4,752</b>
Crushings	1,886	1,899	1,940
Exports	1,942	2,174	2,250
Seed	97	105	101
Residual	18	36	35
<b>Use, total</b>	<b>3,944</b>	<b>4,214</b>	<b>4,326</b>
<b>Ending stocks</b>	<b>197</b>	<b>301</b>	<b>425</b>
Avg. Farm price (\$/bu)	8.95	9.47	8.45 - 10.15

1. Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> 2. Preliminary

## OBJECTIVE YIELD SURVEYS

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn-producing states and 11 soybeans-producing states during 2017. Randomly selected plots in soybean and corn for grain fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from these surveys.

### Corn for Grain: Plant Population per Acre, as of November 1, Selected States, 2013-2017

State	2013	2014	2015	2016	2017
	<i>(number of plants)</i>				
Iowa	30,000	30,800	31,450	31,050	31,150
<b>Minnesota</b>	<b>30,950</b>	<b>31,150</b>	<b>30,750</b>	<b>30,550</b>	<b>30,600</b>
Nebraska	26,100	26,200	26,700	26,000	25,700
Wisconsin	29,150	30,000	29,450	29,800	29,150

### Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, as of November 1, 2017, Selected States

State	Number Of Samples	Row Width (inches)						Average Row Width
		20.5 or Less	20.6 – 30.5	30.6 – 34.5	34.6 – 36.5	36.6 – 38.5	38.6 & Greater	
	<i>(number)</i>	<i>(percent)</i>						<i>(inches)</i>
Iowa	237	0.8	76.4	19.0	0.4	3.0	0.4	30.4
<b>Minnesota</b>	<b>109</b>	<b>4.6</b>	<b>81.6</b>	<b>8.3</b>	<b>0.9</b>	<b>3.7</b>	<b>0.9</b>	<b>28.9</b>
Nebraska	191	-	70.7	15.7	9.4	4.2	-	31.0
Wisconsin	76	1.3	61.9	28.9	5.3	1.3	1.3	30.5

- Represents zero.

### Soybeans: Pods with Beans per 18 Square Feet, as of November 1, Selected States, 2013-2017

State	2013	2014	2015	2016	2017
	<i>(number of pods)</i>				
Iowa	1,538	1,772	1,834	1,861	1,717
<b>Minnesota</b>	<b>1,400</b>	<b>1,434</b>	<b>1,612</b>	<b>1,658</b>	<b>1,480</b>
Nebraska	1,801	1,743	1,884	2,074	1,853

### Soybeans: Percentage Distribution by Measured Row Width and Average Row Width, as of November 1, 2017, Selected States

State	Number Of Samples	Row Width (inches)					Average Row Width
		10.0 & Less	10.1 – 18.5	18.6 – 28.5	28.6 – 34.5	34.6 & Greater	
	<i>(number)</i>	<i>(percent)</i>					<i>(inches)</i>
Iowa	180	1.1	34.4	12.8	50.6	1.1	23.7
<b>Minnesota</b>	<b>88</b>	<b>7.4</b>	<b>23.3</b>	<b>18.8</b>	<b>50.5</b>	<b>-</b>	<b>23.5</b>
Nebraska	100	4.0	31.0	10.5	47.0	7.5	24.2

- Represents zero.

# CHICKENS & EGGS

Minnesota **egg production** during September 2017 was 245.1 million eggs, down 6 percent from last month but up 1 percent from last year. The average number of **all layers on hand** during September 2017 was 10.3 million, down slightly from last month and down 3 percent from last year. **Eggs per 100 layers** for September were 2,383, down 5 percent from last month, but up 4 percent from last year.

United States egg production totaled 8.49 billion during September 2017, down slightly from last year. Production included 7.37 billion table eggs, and 1.12 billion hatching eggs, of which 1.05 billion were broiler-type and 71.9 million were egg-type. The total number of layers during September 2017 averaged 372 million, up 1 percent from last year. September egg production per 100 layers was 2,281 eggs, down 1 percent from September 2016.

All layers in the United States on October 1, 2017 totaled 373 million, up 1 percent from last year. The 373 million layers consisted of 312 million layers producing table or market type eggs, 57.3 million layers producing broiler-type hatching eggs, and 3.22 million layers producing egg-type hatching eggs. Rate of lay per day on October 1, 2017, averaged 75.8 eggs per 100 layers, down 1 percent from October 1, 2016.

Egg-type chicks hatched during September 2017 totaled 42.2 million, down 6 percent from September 2016. Eggs in incubators totaled 45.8 million on October 1, 2017, up 15 percent from a year ago. Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 190 thousand during September 2017, up 5 percent from September 2016.

Broiler-type chicks hatched during September 2017 totaled 788 million, up 2 percent from September 2016. Eggs in incubators totaled 651 million on October 1, 2017, up 4 percent from a year ago.

## Layers on Hand and Eggs Produced – States and United States: During September 2016 and 2017

[Data may not add to totals due to rounding. Data by type of flock not shown for some states to avoid disclosing individual operations, data included in United States totals.]

State	Table egg layers in flocks 30,000 & above		All layers on hand		Eggs per 100 layers		Total egg production		Table egg production	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
	<i>(1,000 layers)</i>				<i>(eggs)</i>		<i>(million eggs)</i>			
Alabama .....	1,513	1,376	9,034	9,302	1,914	1,864	172.9	173.4	38.1	34.9
Arkansas .....	3,730	3,715	13,410	13,780	2,014	2,001	270.1	275.7	93.4	93.6
California .....	11,240	11,499	11,760	12,130	2,402	2,333	282.5	283.0	(D)	(D)
Colorado .....	4,207	4,249	4,641	4,651	2,353	2,415	109.2	112.3	(D)	(D)
Florida .....	7,866	6,829	8,288	7,266	2,242	2,164	185.8	157.2	180.3	151.9
Georgia .....	9,285	9,392	18,219	19,242	2,116	2,024	385.5	389.4	213.7	210.7
Illinois .....	4,600	4,413	5,064	4,882	2,494	2,425	126.3	118.4	121.8	114.0
Indiana .....	29,770	31,679	30,738	32,528	2,412	2,369	741.4	770.7	722.8	754.7
Iowa .....	51,909	53,846	53,244	55,280	2,367	2,322	1,260.2	1,283.7	1,241.0	1,267.3
Maryland .....	2,526	2,647	2,688	2,807	2,403	2,426	64.6	68.1	63.4	67.1
Michigan .....	13,131	13,820	13,369	14,041	2,337	2,463	312.4	345.8	(D)	(D)
<b>Minnesota .....</b>	<b>10,138</b>	<b>9,805</b>	<b>10,598</b>	<b>10,285</b>	<b>2,299</b>	<b>2,383</b>	<b>243.7</b>	<b>245.1</b>	<b>237.6</b>	<b>239.1</b>
Mississippi .....	1,415	1,432	5,480	5,555	2,066	2,115	113.2	117.5	34.8	37.7
Missouri .....	8,033	6,267	11,614	9,848	2,349	2,280	272.8	224.5	(D)	(D)
Nebraska .....	9,073	7,484	9,181	7,753	2,469	2,418	226.7	187.5	226.7	183.6
New York .....	5,212	5,064	5,594	5,432	2,476	2,548	138.5	138.4	(D)	(D)
North Carolina .....	7,077	7,038	14,540	15,284	2,087	2,113	303.5	322.9	165.5	172.9
Ohio .....	31,898	29,982	32,750	30,890	2,381	2,351	779.9	726.1	(D)	(D)
Oregon .....	2,191	2,221	2,330	2,360	2,438	2,585	56.8	61.0	56.8	61.0
Pennsylvania .....	24,513	25,299	26,691	27,191	2,499	2,434	666.9	661.8	635.4	635.0
South Carolina .....	2,806	3,059	4,004	4,291	2,108	2,272	84.4	97.5	62.0	74.9
South Dakota .....	2,376	2,307	2,518	2,449	2,260	2,364	56.9	57.9	56.9	57.9
Texas .....	16,178	17,445	20,274	21,694	2,231	2,189	452.4	474.8	(D)	(D)
Utah .....	4,603	4,947	4,641	4,985	2,243	2,471	104.1	123.2	104.1	123.2
Virginia .....	1,210	862	2,959	2,589	2,251	2,240	66.6	58.0	35.0	27.7
Washington .....	6,660	6,963	6,825	7,128	2,374	2,431	162.0	173.3	(D)	(D)
Wisconsin .....	5,286	5,780	5,973	6,463	2,334	2,240	139.4	144.8	(D)	(D)
Other States <sup>1</sup> .....	23,722	23,338	32,778	32,284	2,222	2,175	728.3	702.2	595.0	573.6
United States .....	302,168	302,758	369,205	372,390	2,304	2,281	8,507.0	8,494.2	7,402.4	7,373.1

(D) Withheld to avoid disclosing data for individual operations. 1. Includes data for states not published in this table.