



USDA  
 National Agricultural Statistics Service  
 Upper Midwest Regional Office  
[nassrfoumr@nass.usda.gov](mailto:nassrfoumr@nass.usda.gov)  
[www.nass.usda.gov](http://www.nass.usda.gov)

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# Iowa AgriNews

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## CROP PRODUCTION

Iowa **corn** production is forecast at 2.45 billion bushels according to the latest USDA, National Agricultural Statistics Service – *Crop Production* report. Based on conditions as of September 1, yields are expected to average 187 bushels per acre, down 1 bushel per acre from the August 1 forecast, and down 16 bushels per acre from last year. If realized, this will be the third highest yield and production on record behind 2016 and 2015, respectively. Acres harvested for grain remain unchanged at 13.1 million acres.

**Soybean** production is forecast at 567 million bushels. If realized, this will be the second highest production on record behind last year’s 572 million bushels. The yield is forecast at 57.0 bushels per acre, up 1 bushel per acre from the August 1 forecast, but down 3.5 bushels per acres from 2016. If realized, this will be the second highest yield on record behind 2016. Area harvested remained unchanged at 9.95 million acres.

The forecasts in this report are based on September 1 conditions and do not reflect weather effects since that time. The next corn and soybean production forecasts, based on conditions as of October 1, will be released on October 12.

### IN THIS ISSUE

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

Crop	Area harvested		Yield per acre		Production	
	2016 (1,000 acres)	2017 (1,000 acres)	2016	2017	2016 (1,000)	2017 (1,000)
<b>IOWA</b>						
Corn..... (bu)	13,500	13,100	203.0	187.0	2,740,500	2,449,700
Soybeans..... (bu)	9,450	9,950	60.5	57.0	571,725	567,150
<b>UNITED STATES</b>						
Corn..... (bu)	86,748	83,496	174.6	169.9	15,148,038	14,184,466
Soybeans..... (bu)	82,736	88,731	52.1	49.9	4,306,671	4,431,043

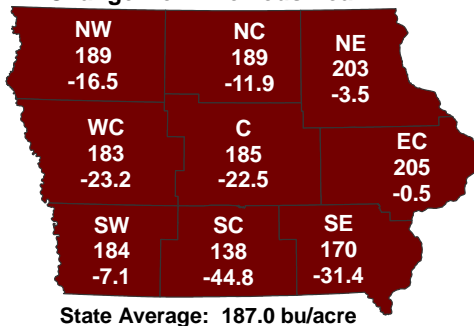
## CROP PRODUCTION DISTRICT ESTIMATES

**Corn** forecasted production and yield are down in all 9 Iowa districts from 2016. East Central Iowa is anticipated to have the highest yield in the State, with 205.0 bushels per acre. The largest decrease in production is expected in Central Iowa, down 61.3 million bushels from 2016.

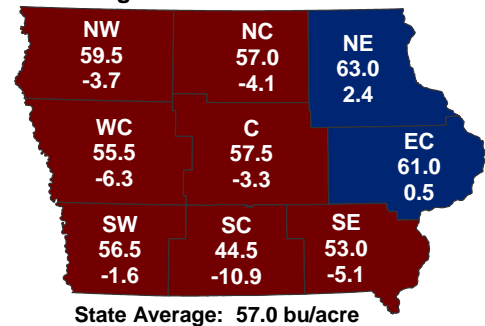
**Soybean** production and yield are forecast to be up from 2016 in 2 Iowa districts. Northeast Iowa is expected to have the highest yield in the State, with 63.0 bushels per acre. North Central and Southwest Iowa are expected to have more production than the previous year, even though their yields decreased from 2016. The largest increase in production is expected in Northeast Iowa, up 4.87 million bushels from 2016.

All crop forecasts in this report are based on conditions on September 1 and do not reflect weather effects since that time. The next district corn and soybean production forecasts, based on conditions as of October 1, will be released on October 12.

**Corn Yield: September 1, 2017**  
Bushels per Acre and  
Change from Previous Year



**Soybean Yield: September 1, 2017**  
Bushels per Acre and  
Change from Previous Year



**Corn – Iowa Districts:  
2016 and Forecasted September 1, 2017**

District	Harvested for Grain		Yield/acre		Production	
	2016	2017	2016	2017 <sup>1</sup>	2016	2017
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
NW	1,905	1,897	205.5	189.0	391,500	357,990
NC	1,992	1,893	200.9	189.0	400,156	356,943
NE	1,645	1,579	206.5	203.0	339,758	320,573
WC	2,031	1,992	206.2	183.0	418,735	365,280
C	2,000	1,910	207.5	185.0	414,981	353,696
EC	1,393	1,343	205.5	205.0	286,278	275,562
SW	1,080	1,063	191.1	184.0	206,341	195,488
SC	542	549	182.8	138.0	99,051	75,997
SE	912	874	201.4	170.0	183,700	148,171
State	13,500	13,100	203.0	187.0	2,740,500	2,449,700

**Soybeans – Iowa Districts:  
2016 and Forecasted September 1, 2017**

District	Harvested for Grain		Yield/acre		Production	
	2016	2017	2016	2017 <sup>1</sup>	2016	2017
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
NW	1,511	1,555	63.2	59.5	95,565	92,600
NC	1,144	1,244	61.1	57.0	69,912	70,950
NE	754	802	60.6	63.0	45,672	50,546
WC	1,438	1,554	61.8	55.5	88,806	86,265
C	1,331	1,397	60.8	57.5	80,962	80,388
EC	933	965	60.5	61.0	56,473	58,905
SW	953	1,031	58.1	56.5	55,396	58,302
SC	602	606	55.4	44.5	33,360	26,967
SE	784	796	58.1	53.0	45,579	42,227
State	9,450	9,950	60.5	57.0	571,725	567,150

<sup>1</sup> Yield rounded

## CASH RENT COUNTY ESTIMATES

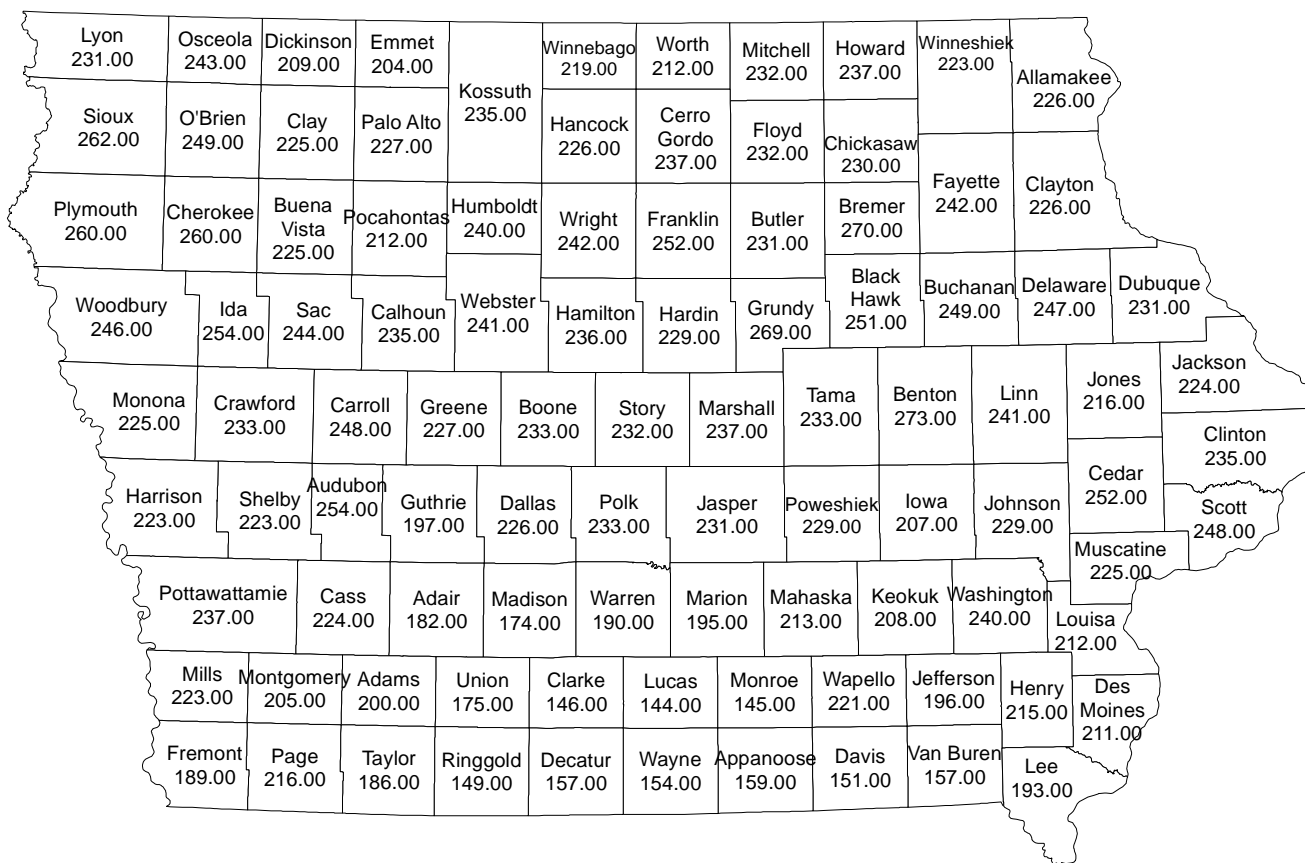
**Non-irrigated cropland** cash rent averaged \$231.00 per acre in Iowa during 2017, down \$4.00 from 2016 according to the latest report released by USDA's National Agricultural Statistics Service. **Pasture** rented for cash averaged \$54.00 per acre, up \$2.00 from the previous year.

Benton County had the highest cash rent for non-irrigated cropland, at \$273.00 per acre, followed by Bremer County, at \$270.00 per acre. Grundy, Sioux, Cherokee and Plymouth also had non-irrigated cropland cash rental rates of \$260.00 or higher. Lucas County, at \$144.00 per acre, had the lowest average cash rent for non-irrigated cropland.

The highest published pasture cash rent was in Harrison County, at \$86.00 per acre followed by Montgomery, at \$80.50 per acre. Mills, Fremont, Page and Sioux also had pasture cash rental rates of \$70.00 per acre or higher.

### **Non-Irrigated Cropland Cash Rent – Iowa: 2017**

State Average: \$231.00 per rented acre



## Cash Rent – Iowa by County: 2016 and 2017

County and District	Non-Irrigated Cropland		Pasture	
	2016	2017	2016	2017
	------(dollars per acre)-----			
Buena Vista .....	245.00	225.00	42.00	41.00
Cherokee .....	247.00	260.00	56.00	-
Clay .....	223.00	225.00	42.50	45.50
Dickinson .....	220.00	209.00	39.00	34.00
Emmet .....	224.00	204.00	48.00	47.50
Lyon .....	247.00	231.00	52.50	-
O'Brien .....	241.00	249.00	49.00	-
Osceola .....	220.00	243.00	54.00	53.50
Palo Alto .....	233.00	227.00	44.00	45.00
Plymouth .....	258.00	260.00	63.50	61.00
Pocahontas .....	229.00	212.00	40.00	52.00
Sioux .....	263.00	262.00	62.00	70.00
Combined counties <sup>1</sup> .....	-	-	-	49.00
<b>Northwest .....</b>	<b>241.00</b>	<b>238.00</b>	<b>51.50</b>	<b>51.00</b>
Butler .....	228.00	231.00	48.50	-
Cerro Gordo .....	240.00	237.00	49.50	49.00
Floyd .....	208.00	232.00	56.00	60.50
Franklin .....	247.00	252.00	48.50	48.00
Hancock .....	229.00	226.00	56.50	-
Humboldt .....	252.00	240.00	62.50	60.00
Kossuth .....	227.00	235.00	40.00	52.00
Mitchell .....	248.00	232.00	45.00	58.00
Winnebago .....	234.00	219.00	64.00	63.00
Worth .....	224.00	212.00	43.50	52.50
Wright .....	252.00	242.00	46.00	45.50
Combined counties <sup>1</sup> .....	-	-	-	33.50
<b>North Central .....</b>	<b>235.00</b>	<b>235.00</b>	<b>50.00</b>	<b>47.50</b>
Allamakee .....	226.00	226.00	43.00	35.50
Black Hawk .....	254.00	251.00	-	-
Bremer .....	262.00	270.00	44.00	43.00
Buchanan .....	244.00	249.00	54.50	57.00
Chickasaw .....	264.00	230.00	-	39.50
Clayton .....	244.00	226.00	38.00	-
Delaware .....	246.00	247.00	45.00	54.00
Dubuque .....	261.00	231.00	52.50	-
Fayette .....	239.00	242.00	54.00	49.00
Howard .....	244.00	237.00	44.00	65.50
Winneshiek .....	239.00	223.00	39.00	42.00
Combined counties <sup>1</sup> .....	-	-	52.50	63.50
<b>Northeast .....</b>	<b>248.00</b>	<b>240.00</b>	<b>46.50</b>	<b>50.50</b>
Audubon .....	259.00	254.00	76.00	65.50
Calhoun .....	251.00	235.00	53.50	53.00
Carroll .....	244.00	248.00	49.00	57.00
Crawford .....	246.00	233.00	67.00	69.50
Greene .....	227.00	227.00	46.50	53.00
Guthrie .....	218.00	197.00	59.00	61.00
Harrison .....	222.00	223.00	72.00	86.00
Ida .....	281.00	254.00	66.50	69.00
Monona .....	233.00	225.00	71.00	47.00
Sac .....	248.00	244.00	52.00	60.50
Shelby .....	239.00	223.00	64.50	44.00
Woodbury .....	246.00	246.00	71.50	63.50
<b>West Central .....</b>	<b>243.00</b>	<b>237.00</b>	<b>64.00</b>	<b>64.00</b>
Boone .....	237.00	233.00	35.50	28.00
Dallas .....	229.00	226.00	55.50	61.50
Grundy .....	277.00	269.00	42.50	51.50
Hamilton .....	249.00	236.00	-	49.00
Hardin .....	255.00	229.00	50.00	50.00
Jasper .....	239.00	231.00	-	42.00
Marshall .....	243.00	237.00	36.00	53.50
Polk .....	249.00	233.00	39.00	55.00
Poweshiek .....	244.00	229.00	48.50	48.50
Story .....	230.00	232.00	63.50	58.50
Tama .....	249.00	233.00	44.50	50.50
Webster .....	227.00	241.00	-	33.00
Combined counties <sup>1</sup> .....	-	-	40.00	-
<b>Central .....</b>	<b>245.00</b>	<b>236.00</b>	<b>45.00</b>	<b>48.00</b>

County and District	Non-Irrigated Cropland		Pasture	
	2016	2017	2016	2017
	------(dollars per acre)-----			
Benton .....	234.00	273.00	45.50	33.00
Cedar .....	259.00	252.00	57.50	59.50
Clinton .....	241.00	235.00	60.00	44.00
Iowa .....	228.00	207.00	-	60.50
Jackson .....	236.00	224.00	44.00	55.00
Johnson .....	227.00	229.00	48.50	38.00
Jones .....	247.00	216.00	-	-
Linn .....	233.00	241.00	60.50	57.00
Muscatine .....	239.00	225.00	46.00	53.50
Scott .....	243.00	248.00	60.50	-
Combined counties <sup>1</sup> .....	-	-	61.50	62.50
<b>East Central .....</b>	<b>239.00</b>	<b>241.00</b>	<b>52.50</b>	<b>52.00</b>
Adair .....	195.00	182.00	-	-
Adams .....	207.00	200.00	51.00	62.50
Cass .....	216.00	224.00	58.50	66.00
Fremont .....	219.00	189.00	-	73.00
Mills .....	241.00	223.00	-	79.00
Montgomery .....	209.00	205.00	66.00	80.50
Page .....	201.00	216.00	56.00	70.00
Pottawattamie .....	229.00	237.00	64.50	-
Taylor .....	199.00	186.00	52.50	65.00
Combined counties <sup>1</sup> .....	-	-	64.00	66.50
<b>Southwest .....</b>	<b>216.00</b>	<b>212.00</b>	<b>59.00</b>	<b>68.00</b>
Appanoose .....	158.00	159.00	44.00	40.50
Clarke .....	-	146.00	42.50	47.50
Decatur .....	163.00	157.00	51.50	52.50
Lucas .....	150.00	144.00	46.00	47.50
Madison .....	183.00	174.00	50.00	47.50
Marion .....	195.00	195.00	42.00	48.50
Monroe .....	166.00	145.00	44.50	43.00
Ringgold .....	175.00	149.00	56.00	55.00
Union .....	192.00	175.00	64.50	67.00
Warren .....	194.00	190.00	43.00	47.00
Wayne .....	-	154.00	46.00	38.00
Combined counties <sup>1</sup> .....	140.00	-	-	-
<b>South Central .....</b>	<b>173.00</b>	<b>169.00</b>	<b>49.50</b>	<b>49.50</b>
Davis .....	152.00	151.00	40.00	47.00
Des Moines .....	234.00	211.00	66.50	66.50
Henry .....	228.00	215.00	39.50	50.50
Jefferson .....	211.00	196.00	50.50	40.50
Keokuk .....	219.00	208.00	48.50	48.50
Lee .....	172.00	193.00	31.00	57.50
Louisa .....	225.00	212.00	40.00	54.50
Mahaska .....	215.00	213.00	44.00	44.00
Van Buren .....	169.00	157.00	35.50	41.00
Wapello .....	204.00	221.00	30.50	34.50
Washington .....	240.00	240.00	50.00	63.00
<b>Southeast .....</b>	<b>212.00</b>	<b>204.00</b>	<b>42.50</b>	<b>47.50</b>
<b>Iowa .....</b>	<b>235.00</b>	<b>231.00</b>	<b>52.00</b>	<b>54.00</b>

- Withheld to avoid disclosing data for individual operations but published in combined counties or represents zero.

<sup>1</sup> Includes counties not published individually.