



# Agri-News

USDA – National Agricultural Statistical Service  
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## Crop Production

**Iowa:** Corn: As of November 1, Iowa's 2007 corn for grain yield and production was forecast at 175.0 bushels per acre and 2.44 billion bushels, respectively, down 3 percent compared to last month. If realized, this would be the largest corn crop on record. As of October 31, Iowa producers harvested 72 percent of the corn crop, equal to last year but slightly behind the 5-year average of 74 percent.

Soybean: The November 1 soybean yield forecast of 52.0 bushels per acre is unchanged from last month's forecast but up 1.5 bushels from last year's yield. If realized, soybean production would be 443.0 million bushels, down 13 percent from last year. As of October 31, soybean harvest was 91 percent complete, behind the 5-year average of 98 percent.

Reminder: All crop forecasts in this report are based on conditions as of November 1 and do not reflect any possible weather effects since that time. End of year corn and soybean production estimates will be released in the Crop Production Annual report on January 11, 2008.

**United States:** Corn production is forecast at 13.2 billion bushels, down 1 percent from last month but 25 percent above 2006. Based on conditions as of November 1, yields are expected to average 153.0 bushels per acre,

down 1.7 bushels from October but 3.9 bushels above last year. If realized, this yield would be the second highest on record, behind 2004. Production would be the largest on record as producers expect to harvest the most corn acres for grain since 1933. Forecast yields are lower than last month across the northern and western Corn Belt and adjacent areas of the Great Plains where actual harvest results are revealing that the impact of the hot, dry conditions during pollination was worse than initially expected. Producers in the Ohio Valley, Tennessee Valley, and mid-Atlantic States reported higher yields than last month.

Soybean production is forecast at 2.59 billion bushels, down slightly from the October forecast and down 19 percent from last year's record high. Based on November 1 conditions, yields are expected to average 41.3 bushels per acre, down 0.1 bushel from last month and down 1.4 bushels from last year. Compared with last month, yields are forecast higher in Indiana, Michigan, Texas, and most of the Mid-Atlantic region as producers are realizing higher yields than expected. In contrast, yield prospects decreased or were unchanged across the remainder of the Nation as harvest progressed. Area for harvest in the U.S. is forecast at 62.8 million acres, unchanged from last month but down 16 percent from 2006.

### November 2007 Production Summary - Iowa and United States

Crop	For Harvest		Yield per acre		Production	
	2006	2007	2006	2007	2006	2007
	<i>Thousand Acres</i>	<i>Thousand Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Thousand Bushels</i>	<i>Thousand Bushels</i>
<b>IOWA</b>						
Corn for Grain	12,350	13,950	166.0	175.0	2,050,100	2,441,250
Soybeans	10,100	8,520	50.5	52.0	510,050	443,040
<b>UNITED STATES</b>						
Corn for Grain	70,648	86,071	149.1	153.0	10,534,868	13,167,741
Soybeans	74,602	62,818	42.7	41.3	3,188,247	2,594,275

## Iowa District Estimates

### Corn, 2006-2007

District	Harvested		Yield/acre		Production	
	2006	2007 <sup>1</sup>	2006	2007 <sup>2</sup>	2006	2007
	<i>Thousand Acres</i>	<i>Thousand Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Thousand Bushels</i>	<i>Thousand Bushels</i>
NW	1,895	2,135	157.4	164.0	298,200	350,200
NC	1,798	2,030	175.1	180.0	314,800	365,500
NE	1,432	1,615	176.9	187.0	253,300	302,100
WC	1,840	2,070	147.4	171.0	271,300	354,100
C	1,829	2,060	177.4	180.0	324,500	370,900
EC	1,256	1,415	173.7	183.0	218,200	259,000
SW	985	1,110	160.2	161.0	157,800	178,800
SC	486	580	152.7	164.0	74,200	95,150
SE	829	935	166.2	177.0	137,800	165,500
State	12,350	13,950	166.0	175.0	2,050,100	2,441,250

### Soybeans, 2006-2007

District	Harvested		Yield/acre		Production	
	2006	2007	2006	2007 <sup>2</sup>	2006	2007
	<i>Thousand Acres</i>	<i>Thousand Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Thousand Bushels</i>	<i>Thousand Bushels</i>
NW	1,602	1,433	52.1	51.0	83,537	72,790
NC	1,368	1,091	51.6	50.0	70,554	54,220
NE	876	675	51.9	53.0	45,424	35,640
WC	1,579	1,366	48.1	51.0	76,013	69,390
C	1,476	1,232	52.6	56.0	77,691	68,740
EC	965	763	51.6	55.0	49,749	41,730
SW	949	887	49.9	50.0	47,345	44,170
SC	517	442	45.2	51.0	23,373	22,410
SE	769	631	47.3	54.0	36,365	33,950
State	10,100	8,520	50.5	52.0	510,050	443,040

<sup>1</sup> Harvest for grain <sup>2</sup> Yield rounded

## U.S. Corn Supply and Demand

CORN	2005-2006	2006-2007 (Est.)	2007-2008 <sup>1</sup> Projections November
	<i>Million Bushels</i>	<i>Million Bushels</i>	<i>Million Bushels</i>
Beginning Stocks	2,114	1,967	1,304
Production	11,114	10,535	13,168
Imports	9	12	15
<b>Supply, total</b>	<b>13,237</b>	<b>12,514</b>	<b>14,487</b>
Feed & Residual	6,155	5,598	5,650
Food, Seed & Industrial	2,981	3,488	4,590
<b>Domestic, total</b>	<b>9,136</b>	<b>9,086</b>	<b>10,240</b>
Exports	2,134	2,125	2,350
<b>Use, total</b>	<b>11,270</b>	<b>11,210</b>	<b>12,590</b>
<b>Ending Stocks, total</b>	<b>1,967</b>	<b>1,304</b>	<b>1,897</b>
Avg. farm price (\$/bu)	2.00	3.04	3.20-3.80

<sup>1</sup> Preliminary

## U.S. Soybean Supply and Demand

SOYBEANS	2005-2006	2006-2007 (Est.)	2007-2008 <sup>1</sup> Projections November
	<i>Million Bushels</i>	<i>Million Bushels</i>	<i>Million Bushels</i>
Beginning Stocks	256	449	573
Production	3,063	3,188	2,594
Imports	3	9	6
<b>Supply, total</b>	<b>3,322</b>	<b>3,647</b>	<b>3,173</b>
Crushings	1,739	1,806	1,825
Exports	940	1,118	975
Seed	93	78	86
Residual	101	71	77
<b>Use, total</b>	<b>2,873</b>	<b>3,074</b>	<b>2,963</b>
<b>Ending stocks</b>	<b>449</b>	<b>573</b>	<b>210</b>
Avg. farm price (\$/bu)	5.66	6.43	8.50-9.50

<sup>1</sup> Preliminary

### Objective Yield Data: Iowa, 2003 - 2007

Year	Corn for Grain			Soybeans	
	Plant Population	Number of Ears	Average Row Width	Pods with Beans	Average Row Width <sup>2</sup>
	<i>Number per Acre</i>	<i>Number per Acre</i>	<i>Inches</i>	<i>Number per 18 sq. ft.</i>	<i>Inches</i>
2003	27,250	26,600	31.7	1,647	22.3
2004	27,850	27,500	31.4	1,741	21.3
2005	28,000	27,100	31.1	1,970	22.6
2006	28,600	27,350	30.8	1,760	22.4
2007 <sup>1</sup>	29,100	28,450	30.6	1,933	21.8

<sup>1</sup> Preliminary. <sup>2</sup> Broadcast soybeans, 10.0 inches and less, are excluded from the average row width.

### Corn for Grain: Number of Ears per Acre Selected States, 2003 - 2007 <sup>1</sup>

State	2003	2004	2005	2006	2007
	<i>Number of Ears</i>				
Illinois	26,650	27,400	26,850	27,400	27,750
Indiana	25,350	26,050	24,650	25,750	26,800
Iowa	26,600	27,500	27,100	27,350	28,450
Kansas <sup>2</sup>		22,150	20,900	20,750	20,800
Minnesota	28,600	29,200	28,050	28,250	28,600
Missouri <sup>3</sup>		24,250	22,600	23,800	23,950
Nebraska	22,600	24,050	22,800	23,550	24,750
Ohio	25,750	26,050	24,650	25,450	25,950
South Dakota <sup>3</sup>		22,700	23,050	21,700	22,700
Wisconsin	26,250	26,800	26,350	27,200	27,850

<sup>1</sup> Based on ear counts in plots selected for objective yield samples.

<sup>2</sup> Field counts began in 2004.

<sup>3</sup> Field counts began in 2004 after being discontinued in 1996.

## THANK YOU

The USDA's National Agricultural Statistics Service, Iowa Field Office is conducting the annual *County Estimates Survey*.

We want to thank you in advance for your response. We understand your time is valuable and we appreciate your effort in completing the survey. Your response provides important information to producers, agri-businesses, and policy makers.

# 2007 | CENSUS *OF* AGRICULTURE

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