

# Agri-News

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## Crop Production, August 1

**IOWA:** Corn planting and crop development has remained ahead of a normal pace. By July, topsoil moisture supplies became a concern, particularly in eastern Iowa, and crop conditions began to deteriorate.

**Corn:** Iowa's corn planted and harvested for grain acreage is estimated at 13.0 million and 12.65 million acres, respectively. As of August 1, Iowa's corn crop is forecast to yield 164.0 bushels per acre. If realized, this would be Iowa's second highest yield, behind only 2004's 181.0 bushels per acre. Production forecasted at 2.07 billion bushels would be Iowa's second largest, 8 percent below last year's, but nearly 11 percent above 2003 production.

**Soybeans:** The August 1 yield forecast of 44.0 bushels per acre is down 5.0 bushels from 2004. If realized, soybean production would be 442.2 million bushels, down 11 percent from last year's production of 497.4 million bushels. This year, Iowa farmers planted 10.1 million acres of soybeans and intend to harvest 10.05 million acres.

**Oats:** Oat production is forecast at 10.8 million bushels, up from 10.1 million bushels last year. The forecast yield of 83.0 bushels per acre is an increase from the July 1 forecast of 80.0 bushels per acre. If realized, this would equal the highest oat yield in Iowa's history.

**Other Crops:** The hay yield for **alfalfa and alfalfa mixtures** is expected to be 4.0 tons per acre with a total production of 5.20 million tons, down 5 percent from 2004. The **other hay** yield is projected at 2.3 tons per acre with a total production of 575,000 tons, down 26 percent from 2003. The August 1 **apple** forecast of 1.3 million pounds is down 75 percent from the previous year.

**UNITED STATES:** Corn production is forecast at 10.3 billion bushels, down 12 percent from last year, but 3 percent above 2003. Based on conditions as of August 1, yields are expected to average 139.2 bushels per acre, down 21.2 bushels from the record high last year. With the exception of Michigan, forecast yields are lower in all of the Corn Belt States as warm, dry weather throughout the growing season depleted soil moisture levels and stressed the crop. Across the U.S., yields are forecast lower than last year in 29 of the 33 published corn States. The largest decreases occurred in Missouri, Illinois, and Kansas. Farmers expect to harvest 74.4 million acres of corn for grain, unchanged from June, but up 1 percent from 2004.

Soybean production is forecast at 2.79 billion bushels, down 11 percent from 2004, but up 14 percent from 2003. Based on August 1 conditions, yields are expected to average 38.7 bushels per acre, down 3.8 bushels from the record high U.S. yield set last year. Yields are lower than 2004 across most of the country, with the exceptions being Georgia, Michigan, Minnesota, North Dakota, South Carolina, and Wisconsin. Area for harvest, at 72.2 million acres, has declined slightly from June and is down 2 percent from 2004.

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

## August 1, 2005, Production Summary - Iowa and United States

Crop	For harvest		Yield per acre		Production	
	2004	2005	2004	2005	2004	2005
	<i>Thousand acres</i>		<i>Bushels</i>		<i>Thousand bushels</i>	
<b>IOWA</b>						
Corn for grain	12,400	12,650	181	164	2,244,400	2,074,600
Soybeans	10,150	10,050	49	44	497,350	442,200
Oats for grain	140	130	72	83	10,080	10,790
			<i>Tons</i>		<i>Thousand tons</i>	
Hay, all	1,600	1,550	3.90	3.73	6,240	5,775
Alfalfa Hay	1,300	1,300	4.20	4.00	5,460	5,200
<b>UNITED STATES</b>						
	<i>Thousand acres</i>		<i>Bushels</i>		<i>Thousand bushels</i>	
Corn for grain	73,632	74,368	160.4	139.2	11,807,217	10,349,841
Soybeans	73,958	72,184	42.5	38.7	3,140,996	2,791,133
Oats for grain	1,792	1,976	64.7	64.7	115,935	127,819
			<i>Tons</i>		<i>Thousand tons</i>	
Hay, all	61,916	61,723	2.55	2.43	157,774	149,917
Alfalfa Hay	21,707	22,118	3.47	3.34	75,383	73,849

## U.S. Corn and Soybean Supply and Demand

<b>CORN</b>	2003/ 2004	2004/ 2005 (Est.)	2005/06 <sup>1</sup> Projections Aug.	<b>SOYBEANS</b>	2003/ 2004	2004/ 2005 (Est.)	2005/06 <sup>1</sup> Projections Aug.
	<i>Million bushels</i>				<i>Million bushels</i>		
Beginning stocks	1,087	958	2,110	Beginning stocks	178	112	300
Production	10,089	11,807	10,350	Production	2,454	3,141	2,791
Imports	14	10	10	Imports	6	5	3
<b>Supply, total</b>	<b>11,190</b>	<b>12,775</b>	<b>12,470</b>	<b>Supply, total</b>	<b>2,638</b>	<b>3,258</b>	<b>3,094</b>
Feed & Residual	5,795	6,150	5,750	Crushings	1,530	1,690	1,670
Food, Seed, & Industrial	2,537	2,690	2,870	Exports	887	1,100	1,095
<b>Domestic, total</b>	<b>8,332</b>	<b>8,840</b>	<b>8,620</b>	Seed	92	90	90
Exports	1,900	1,825	1,950	Residual	17	79	59
<b>Use, total</b>	<b>10,232</b>	<b>10,665</b>	<b>10,570</b>	<b>Use, total</b>	<b>2,525</b>	<b>2,958</b>	<b>2,914</b>
<b>Ending stocks, total</b>	<b>958</b>	<b>2,110</b>	<b>1,900</b>	<b>Ending stocks</b>	<b>112</b>	<b>300</b>	<b>180</b>
Avg. farm price (\$/bu)	2.42	2.07	1.80-2.20	Avg. farm price (\$/bu)	7.34	5.80	5.50-6.50

<sup>1</sup> Preliminary

## Iowa District Estimates

### Corn, 2004-2005

### Soybeans, 2004-2005

District	Harvested		Yield/acre		Production		Harvested		Yield/acre		Production	
	2004	2005 <sup>1</sup>	2004	2005 <sup>2</sup>	2004	2005	2004	2005	2004	2005 <sup>2</sup>	2004	2005
	<i>Thousand acres</i>		<i>Bushels</i>		<i>Thousand bushels</i>		<i>Thousand acres</i>		<i>Bushels</i>		<i>Thousand bushels</i>	
NW	1,869	1,892	186.8	184	349,200	348,100	1,630	1,560	48.7	47	79,335	73,390
NC	1,790	1,845	180.1	174	322,400	321,000	1,403	1,365	45.2	43	63,420	58,730
NE	1,433	1,455	172.6	169	247,300	245,900	880	885	46.5	46	40,940	40,670
WC	1,834	1,895	179.1	165	328,400	312,700	1,594	1,645	47.7	44	76,070	72,340
C	1,818	1,885	188.9	184	343,400	346,800	1,506	1,505	51.7	47	77,840	70,800
EC	1,309	1,320	177.1	130	231,800	171,600	945	945	49.8	39	47,035	36,850
SW	996	995	183.4	156	182,700	155,200	940	930	51.0	44	47,920	40,950
SC	500	498	165.6	150	82,800	74,700	491	465	49.2	43	24,170	20,000
SE	851	865	183.8	114	156,400	98,600	761	750	53.4	38	40,620	28,470
<b>STATE</b>	<b>12,400</b>	<b>12,650</b>	<b>181.0</b>	<b>164</b>	<b>2,244,400</b>	<b>2,074,600</b>	<b>10,150</b>	<b>10,050</b>	<b>49.0</b>	<b>44</b>	<b>497,350</b>	<b>442,200</b>

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

# Farm Production Expenditures, Midwest Region<sup>1</sup> 2003-04

## Major Input Items, Farms Reporting, Average per Farm, and Total

Expenditure - Farm Share	Farms Reporting <sup>2</sup>		Average per Farm <sup>3</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>		<i>Dollars</i>		<i>Million Dollars</i>	
Total Farm Production Expenditures <sup>4,5</sup>	100.0	100.0	91,070	97,446	56,090	59,910
Livestock, Poultry & Related Expenses <sup>6</sup>	27.9	22.8	6,982	7,319	4,300	4,500
Feed	57.6	53.0	10,943	11,711	6,740	7,200
Farm Services <sup>7</sup>	94.1	93.5	9,726	9,841	5,990	6,050
Rent <sup>8</sup>	36.2	37.3	11,528	11,744	7,100	7,220
Agricultural Chemicals <sup>9</sup>	52.2	53.7	4,725	4,717	2,910	2,900
Fertilizer, Lime & Soil Conditioners <sup>9</sup>	62.0	62.4	6,121	7,222	3,770	4,440
Interest	48.6	45.6	4,676	4,766	2,880	2,930
Taxes (Real Estate & Property)	99.7	99.2	4,043	4,066	2,490	2,500
Labor	28.4	29.6	5,618	6,181	3,460	3,800
Fuels	81.8	84.7	2,890	3,513	1,780	2,160
Farm Supplies & Repairs <sup>10</sup>	83.5	85.3	5,066	5,237	3,120	3,220
Farm Improvements & Construction <sup>11, 12</sup>	59.9	60.1	5,179	5,530	3,190	3,400
Tractors & Self-Propelled Farm Machinery	28.9	29.0	3,345	4,554	2,060	2,800
Other Farm Machinery	35.8	36.7	2,192	2,570	1,350	1,580
Seeds & Plants <sup>13</sup>	59.4	57.5	5,943	6,246	3,660	3,840
Trucks & Autos	28.3	29.0	1,802	1,887	1,110	1,160

<sup>1</sup> Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, Wisconsin. <sup>2</sup> Number of farms reporting item divided by total number of farms. <sup>3</sup> Total expenditures divided by total number of farms. <sup>4</sup> Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals. <sup>5</sup> Includes landlord and contractor share of farm production expenses. <sup>6</sup> Includes purchases and leasing of livestock and poultry. <sup>7</sup> Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. <sup>8</sup> Includes public and private grazing fees. <sup>9</sup> Includes material and application costs. <sup>10</sup> Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. <sup>11</sup> Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. <sup>12</sup> Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. <sup>13</sup> Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

## Selected U.S. Agricultural Exports, by Leading States

### Estimated Value by Commodity Group, Fiscal Year 2004<sup>1</sup>

Commodity group	United States	Leading 10 States, by value									
		1	2	3	4	5	6	7	8	9	10
		Million dollars									
Total	62,297.3	CA 9197.3	IA 3,676.3	IL 3,654.4	TX 3,363.4	NE 3,015.0	KS 2,928.0	MN 2,891.2	AR 1,900.1	ND 1,981.9	WA 1,886.7
Soybeans and products	9,034.7	IL 1,397.8	IA 1,262.5	MN 877.8	IN 751.4	NE 671.1	OH 606.7	MO 537.7	SD 425.3	AR 409.7	ND 325.7
Feed grains and products	8,104.4	IA 1,369.5	IL 1,340.2	NE 876.6	MN 718.0	IN 580.1	KS 401.5	TX 356.6	OH 353.6	SD 329.0	WI 272.3
Live animals and meat	4,420.3	IA 725.0	NE 520.8	KS 343.2	TX 327.1	NC 255.2	MN 250.2	IL 247.0	KY 197.2	IN 164.3	OK 127.2
Dairy products	1,321.2	CA 282.1	WI 170.8	NY 90.1	PA 77.8	ID 70.3	MN 62.7	NM 51.9	MI 48.8	TX 46.5	WA 41.9
Animal fats	574.2	NE 114.4	KS 101.1	TX 87.0	IA 34.7	CO 34.6	WI 24.9	CA 21.6	IL 20.6	MN 19.3	PA 17.1

<sup>1</sup> Fiscal year = October 1 – September 30.

Source: ERS, USDA

## Average Cash Rent per Acre by State, 2001-2005

State and Land Type	2001	2002	2003	2004	2005
<b>Cropland Rented for Cash<sup>1</sup></b>					
	----- Dollars -----				
Illinois	119.00	122.00	123.00	126.00	129.00
Indiana	100.00	101.00	103.00	107.00	109.00
Iowa	117.00	120.00	122.00	126.00	131.00
Kansas					
Irrigated	72.00	70.00	68.00	72.00	73.00
Non-Irrigated	36.00	36.00	36.00	37.50	38.50
Michigan	60.00	60.00	60.00	62.00	62.00
Minnesota	80.50	81.00	82.00	83.50	86.50
Missouri					
Non-Irrigated	65.00	66.00	70.00	76.00	79.00
Nebraska					
Irrigated	117.00	121.00	123.00	125.00	127.00
Non-Irrigated	65.00	66.00	67.00	70.00	71.00
North Dakota	36.00	36.50	36.50	37.50	39.00
Ohio	76.50	77.00	78.00	80.00	82.00
South Dakota					
Non-Irrigated	40.00	42.00	45.00	47.50	50.40
Wisconsin	66.00	67.00	68.00	70.00	70.00
	----- Dollars -----				
<b>Pasture Rented for Cash</b>					
Illinois	33.00	32.00	32.50	34.00	34.50
Iowa	30.00	30.50	31.00	32.50	36.00
Kansas	12.60	12.60	12.60	13.20	13.40
Minnesota	19.00	19.00	19.00	19.50	20.50
Missouri	22.50	23.00	23.50	26.00	27.00
Nebraska	11.30	11.20	11.50	12.00	12.00
North Dakota	9.80	9.70	9.80	10.20	10.60
South Dakota	11.00	10.90	11.00	11.60	12.30
Wisconsin	36.00	36.00	36.00	37.00	38.00

<sup>1</sup> Unless otherwise specified as irrigated or non-irrigated, data are for all cropland.

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