



Agri-News



Iowa Agricultural Statistics Service

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195

515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov

To access NASS reports - <http://www.usda.gov/nass/>

Vol. 04-16

Issued August 13, 2004

HIGHLIGHTS

August 1 Crop Production
U.S. Supply and Demand
Iowa District Estimates - Corn & Soybeans
Farm Production Expenditures, 2002-2003
Selected Ag Exports, By Leading States
Ag Cash Rents



Iowa Crop Production, August 1

IOWA: Through May, corn and soybean planting was ahead of normal, while crop development since then has been near normal. For the week ending August 1, three-quarters of Iowa's corn, hay, and soybean crops were reported as good or excellent.

Corn: Iowa's corn planted and harvested for grain acreage is estimated at 12.6 million and 12.2 million acres, respectively. As of August 1, Iowa's corn crop is forecast to yield 162.0 bushels per acre. If realized, this would be Iowa's second highest yield, behind only 2002's 163.0 bushels per acre. Production forecasted at 1.98 billion bushels would be Iowa's largest, 2 percent above the record production obtained in 2002 and nearly 5 percent above 2003 production.

Soybeans: The August 1 yield forecast of 42.0 bushels per acre is up 10.0 bushels from 2003. If realized, soybean production would be 434.7 million bushels, up 29 percent from last year's production of 337.6 million bushels. This year, Iowa farmers planted 10.4 million acres of soybeans and plan to harvest 10.35 million acres.

Oats: Oat production is forecast at 10.0 million bushels, up from 10.8 million bushels last year. The forecast yield of 77.0 bushels per acre is a decrease from the July 1 forecast of 80.0 bushels per acre. If realized, this would be the second highest oat yield in Iowa's history.

Other Crops: The hay yield for **alfalfa and alfalfa mixtures** is expected to be 4.2 tons per acre with a total production of 5.46 million tons, up 11 percent from 2003. The **other hay** yield is projected at 2.5 tons per acre with a total production of 0.80 million tons, up 26 percent from 2003. The August 1 **apple** forecast of 11.0 million pounds is up 83 percent from the previous year.

UNITED STATES: Corn production is forecast at 10.9 billion bushels, up 8 percent from last year and 22 percent above 2002. Based on conditions as of August 1, yields are expected to average 148.9 bushels per acre, up 6.7 bushels from last year. If realized, both production and yield would be the largest on record. The previous record for both was set last year when production was estimated at 10.1 billion bushels and yield was 142.2 bushels per acre. Yields are higher in most of the Corn Belt and Great Plains States as weather conditions have been favorable during much of the growing season. Farmers expect to harvest 73.4 million acres of corn for grain, virtually unchanged from June but up 3 percent from 2003.

Soybean production is forecast at 2.88 billion bushels, up 19 percent from 2003 and 4 percent from 2002. If realized, this would be the second largest U.S. soybean production on record. Based on August 1 conditions, yields are expected to average 39.1 bushels per acre, up 5.7 bushels from 2003. Yields are higher than 2003 throughout the Grain Plains and across the Corn Belt, but lower than the record high yields of 2003 in the Southeast. Area for harvest, at 73.7 million acres, is unchanged from June but up 2 percent from 2003 acreage.

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 10.

August 1, 2004, Production Summary - Iowa and United States

Crop	For harvest		Yield per acre		Production	
	2003	2004 ¹	2003	2004 ¹	2003	2004 ¹
IOWA	Thousand acres		Bushels		Thousand bushels	
Corn for grain	12,000	12,200	157.0	162.0	1,884,000	1,976,400
Soybeans	10,550	10,350	32.0	42.0	337,600	434,700
Oats for grain	130	130	83.0	77.0	10,790	10,010
			Tons		Thousand tons	
Hay, all	1,600	1,600	3.45	3.88	5,515	6,210
Alfalfa Hay	1,330	1,300	3.70	4.20	4,921	5,460
UNITED STATES	Thousand acres		Bushels		Thousand bushels	
Corn for grain	71,139	73,377	142.2	148.9	10,113,887	10,923,099
Soybeans	72,321	73,655	33.4	39.1	2,417,565	2,876,627
Oats for grain	2,224	1,938	65.0	66.0	144,649	127,950
			Tons		Thousand tons	
Hay, all	63,342	61,589	2.48	2.63	157,123	161,763
Alfalfa Hay	23,578	22,226	3.24	3.48	76,307	77,264

¹ Preliminary.

U.S. Corn and Soybean Supply and Demand

CORN	2002/ 2003	2003/ 2004 (Est.)	2004/05 ¹ Projections Aug.	SOYBEANS	2002/ 2003	2003/ 2004 (Est.)	2004/05 ¹ Projections Aug.
	<u>Million bushels</u>				<u>Million bushels</u>		
Beginning stocks	1,596	1,087	914	Beginning stocks	208	178	105
Production	8,967	10,114	10,923	Production	2,756	2,418	2,877
Imports	14	13	15	Imports	5	6	6
Supply, total	10,578	11,214	11,852	Supply, total	2,969	2,602	2,988
Feed & Residual	5,563	5,800	5,850	Crushings	1,615	1,515	1,625
Food, Seed, & Industrial	2,340	2,575	2,770	Exports	1,044	890	1,030
Domestic, total	7,903	8,375	8,620	Seed	89	91	90
Exports	1,588	1,925	2,100	Residual	41	0	3
Use, total	9,491	10,300	10,720	Use, total	2,791	2,497	2,798
Ending stocks, total	1,087	914	1,132	Ending stocks	178	105	190
Avg. farm price (\$/bu)	2.32	2.40	2.05-2.45	Avg. farm price (\$/bu)	5.53	7.40	5.40-6.40

¹ Preliminary. ² Supply estimates and reported use through June, coupled with USDA's June 1 stocks estimate, indicate a below-average residual.

Iowa District Estimates Corn, 2003-2004¹ Soybeans, 2003-2004¹

District	Harvested		Yield/acre		Production		Harvested		Yield/acre		Production	
	2003	2004 ²	2003	2004 ³	2003	2004	2003	2004 ²	2003	2004 ³	2003	2004
	Thousand acres		Bushels		Thousand bushels		Thousand acres		Bushels		Thousand bushels	
NW	1,804	1,838	163.5	166.0	295,000	305,150	1,704	1,670	36.0	44.0	61,428	73,480
NC	1,717	1,762	164.2	164.0	282,000	289,000	1,480	1,525	31.2	41.0	46,191	62,530
NE	1,393	1,444	153.6	160.0	214,000	231,050	927	925	26.7	41.0	24,787	37,930
WC	1,742	1,754	152.1	157.0	265,000	275,400	1,655	1,545	33.2	42.0	54,884	64,890
C	1,774	1,765	168.0	171.0	298,000	302,000	1,550	1,525	32.9	43.0	50,943	65,575
EC	1,268	1,324	168.8	170.0	214,000	225,100	975	925	31.9	43.0	31,095	39,775
SW	965	987	128.5	147.0	124,000	145,100	976	945	29.5	40.0	28,757	37,820
SC	485	486	127.8	144.0	62,000	70,000	510	495	27.0	39.0	13,786	19,310
SE	852	840	152.6	159.0	130,000	133,600	773	795	33.3	42.0	25,729	33,390
STATE	12,000	12,200	157.0	162.0	1,884,000	1,976,400	10,550	10,350	32.0	42.0	337,600	434,700

¹ Preliminary. ² Harvest for grain. ³ Yield rounded.

Farm Production Expenditures, Corn Belt Region¹ 2002-03

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

Expenditure - Farm Share	Farms Reporting ²		Average per Farm ³		Total Expenditures	
	2002	2003	2002	2003	2002	2003
	Percent		Dollars		Million Dollars	
Total Farm Production Expenditures ^{4,5}	100.0	100.0	84,586	88,180	35,230	35,810
Livestock, Poultry & Related Expenses ⁶	31.4	28.5	7,491	7,338	3,120	2,980
Feed	60.6	57.4	8,523	10,096	3,550	4,100
Farm Services ⁷	96.4	94.8	8,283	8,889	3,450	3,610
Rent ⁸	40.1	35.7	13,685	13,371	5,700	5,430
Agricultural Chemicals ⁹	58.5	51.4	4,850	4,999	2,020	2,030
Fertilizer, Lime & Soil Conditioners ⁹	65.4	64.7	6,170	6,649	2,570	2,700
Interest	54.3	51.0	5,114	4,457	2,130	1,810
Taxes (Real Estate & Property)	99.5	99.7	3,986	3,989	1,660	1,620
Labor	33.5	28.0	3,457	3,694	1,440	1,500
Fuels	87.0	82.8	2,521	2,684	1,050	1,090
Farm Supplies & Repairs ¹⁰	85.0	84.0	4,826	4,211	2,010	1,710
Farm Improvements & Construction ^{11, 12}	51.0	61.7	3,217	4,826	1,340	1,960
Tractors & Self-Propelled Farm Machinery	15.8	29.1	3,169	2,856	1,320	1,160
Other Farm Machinery	24.5	35.9	2,377	2,068	990	840
Seeds & Plants ¹³	56.9	57.6	5,210	5,910	2,170	2,400
Trucks & Autos	13.6	28.7	1,633	1,921	680	780

¹ Illinois, Indiana, Iowa, Missouri, Ohio. ² Number of farms reporting item divided by total number of farms. ³ Total expenditures divided by total number of farms. ⁴ Total includes production costs not allocated to any of the 16 expense categories published. ⁵ Includes landlord and contractor share of farm production expenses. ⁶ Includes purchases and leasing of livestock and poultry. ⁷ Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. ⁸ Includes public and private grazing fees. ⁹ Includes material and application costs. ¹⁰ 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. ¹¹ 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. ¹² Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. ¹³ 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 2003¹

Commodity group	United States	Leading 10 States, by value									
		1	2	3	4	5	6	7	8	9	10
		Million dollars									
Total	56,186.4	CA 8,210.0	IA 3,637.8	TX 3,427.8	IL 3,363.5	NE 3,041.1	KS 2,969.6	MN 2,637.3	WA 1,912.0	ND 1,767.3	IN 1,622.3
Soybeans and products	8,287.5	IA 1,501.0	IL 1,364.1	MN 928.7	IN 720.0	NE 530.2	MO 511.2	OH 454.2	SD 381.2	AR 290.1	ND 261.0
Feed grains and products	6,731.0	IA 1,298.9	IL 1,003.2	MN 711.1	NE 672.0	IN 435.9	KS 401.9	TX 316.2	WI 266.7	MO 217.4	SD 216.5
Live animals and meat	6,483.0	NE 1,047.9	KS 842.3	TX 756.1	IA 584.1	CO 311.4	IL 270.1	MN 250.4	KY 228.9	CA 218.8	WI 214.6
Dairy products	1,033.6	CA 224.9	WI 221.5	MN 74.4	ID 55.1	NY 54.5	PA 43.9	WA 39.6	TX 32.7	IA 29.3	OH 24.4
Animal fats	538.5	NE 115.5	KS 101.2	TX 85.3	CO 36.7	WI 24.8	IA 22.0	CA 19.4	IL 16.9	PA 15.8	MN 15.5

¹ Fiscal year = October 1 – September 30.

Source: ERS, USDA

Average Cash Rent per Acre by State, 2000-2004

State and Land Type	2000	2001	2002	2003	2004
Cropland Rented for Cash¹					
	---- Dollars----				
Illinois	\$119.00	\$119.00	\$122.00	\$123.00	\$126.00
Indiana	100.00	100.00	101.00	103.00	107.00
Iowa	115.00	117.00	120.00	122.00	126.00
Kansas					
Irrigated	67.00	72.00	70.00	68.00	72.00
Non-Irrigated	35.50	36.00	36.00	36.00	37.50
Michigan	60.00	60.00	60.00	60.00	62.00
Minnesota	77.90	80.50	81.00	82.00	83.50
Missouri					
Non-Irrigated	62.00	65.00	66.00	70.00	76.00
Nebraska					
Irrigated	117.00	117.00	121.00	123.00	125.00
Non-Irrigated	66.00	65.00	66.00	67.00	70.00
North Dakota	35.50	36.00	36.50	36.50	37.50
Ohio	74.00	76.50	77.00	78.00	80.00
South Dakota					
Non-Irrigated	39.80	40.00	42.00	45.00	47.50
Wisconsin	65.00	66.00	67.00	68.00	70.00
Pasture Rented for Cash					
Illinois	\$33.00	\$33.00	\$32.00	\$32.50	\$34.00
Iowa	29.00	30.00	30.50	31.00	32.50
Kansas	12.80	12.60	12.60	12.60	13.20
Minnesota	18.00	19.00	19.00	19.00	19.50
Missouri	20.00	22.50	23.00	23.50	26.00
Nebraska	11.30	11.30	11.20	11.50	12.00
North Dakota	9.50	9.80	9.70	9.80	10.20
South Dakota	11.00	11.00	10.90	11.00	11.60
Wisconsin	38.00	36.00	36.00	36.00	37.00

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

**PERIODICALS POSTAGE PAID
AT DES MOINES, IOWA 50309
and Additional Mailing Offices**

NEWSPAPER TIME VALUE

AgrNews (ISSN 0744-5598) is published semi-monthly except monthly in March and three issues per month in July, August and October by Iowa Agricultural Statistics, Room 833, 210 Walnut St., Des Moines, IA, 50309. Subscription is free to data reporters upon request and available for \$11 per year to non-reporters. Periodicals postage paid at Des Moines, IA 50309, and additional mailing offices. Postmaster: send address changes to AgrNews, c/o South Dakota Agricultural Statistics, PO Box 5068, Sioux Falls, SD 57117-5068.