



Agri-News



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Iowa Crop Production, August 1

IOWA: Similar to last winter, Iowa once again experienced a mild winter. But, due to cooler temperatures in early April and precipitation in early April and May, crops were planted slightly later compared to last year. By the week ending August 3rd, the majority of Iowa's corn, hay, and soybean crops were reported as good or excellent. In contrast, crop conditions for a majority of pasture and range land were reported as fair or good.

Corn: Iowa's corn planted and harvested for grain acreage is estimated at 12.4 million and 12.1 million acres, respectively. As of August 1st, Iowa's corn crop is forecast to yield 158.0 bushels per acre. If realized, this would be Iowa's second highest yield, four percent less compared to the record yield obtained last year. Production forecasted at 1.91 billion bushels would be Iowa's third highest, just under the production estimated in 1994 and three percent less than the record production obtained last year.

Soybeans: The August 1 yield forecast of 46.0 bushels per acre is down 2.0 bushels from 2002. If realized, soybean production would be 476.1 million bushels, down four percent from last year's production of 494.9 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 12.0 million bushels, down from 13.3 million bushels last year. The forecast yield of 80.0 bushels per acre is an increase from the July 1 forecast of 76.0 bushels per acre. If realized, this would be 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 5.52 million tons, up 13 percent from 2002. The other hay yield is projected at 2.5 tons per acre with a total production of 0.80 million tons, up 4 percent from 2002. The August 1 apple forecast of 9.7 million pounds is up 14 percent from the previous year.

UNITED STATES: Corn production is forecast at 10.1 billion bushels, up 12 percent from last year and 6 percent above 2001. Based on conditions as of August 1, yields are expected to average 139.9 bushels per acre, up 9.9 bushels from last year. If realized, both production and yield would be the largest on record. The previous record for both was set in 1994 when production was estimated at slightly below the 10.1 billion bushels being forecast for 2003 and yield was 138.6 bushels per acre. Yields are higher in all States east of the Mississippi River as favorable precipitation and temperatures have been received since planting occurred. With the exception of Iowa and Minnesota, forecasted yields in all the Corn Belt States are increasing from last year. However, both States are forecasting lower yields from record 2002 estimates. Farmers expect to harvest 71.9 million acres of corn for grain, down 70,000 acres from June but up 4 percent from 2002.

Soybean production is forecast at 2.86 billion bushels, up 5 percent from 2002 but down 1 percent from 2001. Based on August 1 conditions, yields are expected to average 39.4 bushels per acre, up 1.6 bushels from 2002. Yields are higher than 2002 across much of the United States. However, the average yield in Iowa, Minnesota, and Oklahoma is expected to be lower, while yields are expected to be the same in Illinois, Louisiana, Mississippi, Missouri, and North Dakota. Area for harvest, at 72.6 million acres is down 55,000 acres from June but up 1 percent from 2002 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 11.

August 1, 2003, Production Summary - Iowa and United States

Crop	For harvest		Yield per acre		Production	
	2002	2003 ¹	2002	2003 ¹	2002	2003 ¹
IOWA	Thousand acres		Bushels		Thousand bushels	
Corn for grain	11,900	12,100	165.0	158.0	1,963,500	1,911,800
Soybeans	10,310	10,350	48.0	46.0	494,880	476,100
Oats for grain	175	150	76.0	80.0	13,300	12,000
			Tons		Thousand tons	
Hay, all	1,600	1,700	3.5	3.7	5,645	6,320
Alfalfa Hay	1,250	1,380	3.9	4.0	4,875	5,520
UNITED STATES	Thousand acres		Bushels		Thousand bushels	
Corn for grain	69,313	71,915	130.0	139.9	9,007,659	10,064,452
Soybeans	72,160	72,626	37.8	39.4	2,729,709	2,862,039
Oats for grain	2,098	2,331	56.8	64.9	119,132	151,345
			Tons		Thousand tons	
Hay, all	64,497	64,379	2.3	2.5	150,962	160,018
Alfalfa Hay	23,135	23,541	3.19	3.31	73,824	77,952

¹ Preliminary.

U.S. Corn and Soybean Supply and Demand

CORN	2001/ 2002	2002/ 2003 (Est.)	2003/04 ¹ Projections Aug.	SOYBEANS	2001/ 2002	2002/ 2003 (Est.)	2003/04 ¹ Projections Aug.
	<u>Million bushels</u>				<u>Million bushels</u>		
Beginning stocks	1,899	1,596	1,009	Beginning stocks	248	208	145
Production	9,507	9,008	10,064	Production	2,891	2,730	2,862
Imports	10	15	10	Imports	2	4	4
Supply, total	11,416	10,619	11,084	Supply, total	3,141	2,942	3,011
Feed & Residual	5,861	5,700	5,625	Crushings	1,700	1,610	1,625
Food, Seed, & Industrial	2,054	2,310	2,475	Exports	1,064	1,040	1,000
Domestic, total	7,915	8,010	8,100	Seed	90	90	89
Exports	1,905	1,600	1,800	Residual	80	57 ²	77
Use, total	9,820	9,610	9,900	Use, total	2,933	2,797	2,791
Ending stocks, total	1,596	1,009	1,184	Ending stocks	208	145	220
Avg. farm price (\$/bu)	1.97	2.30	2.00-2.40	Avg. farm price (\$/bu)	4.38	5.50	4.55-5.55

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, 2002-2003¹

Soybeans, 2002-2003¹

District	Harvested		Yield/acre		Production		Harvested		Yield/acre		Production	
	2002	2003 ²	2002	2003 ³	2002	2003	2002	2003 ²	2002	2003 ³	2002	2003
	Thousand acres		Bushels		Thousand bushels		Thousand acres		Bushels		Thousand bushels	
NW	1,798	1,800	157.4	153.0	283,000	275,000	1,650	1,624	48.7	46.0	80,304	74,020
NC	1,716	1,720	171.9	165.0	295,000	284,000	1,461	1,445	48.1	46.0	70,266	66,405
NE	1,362	1,420	178.4	164.0	243,000	233,000	908	915	51.2	49.0	46,479	44,595
WC	1,787	1,780	159.5	155.0	285,000	276,000	1,606	1,615	48.6	46.0	78,060	74,325
C	1,734	1,785	178.8	168.0	310,000	300,000	1,545	1,550	50.1	48.0	77,432	74,915
EC	1,259	1,280	178.7	167.0	225,000	214,000	971	997	50.1	48.0	48,607	47,585
SW	964	965	125.5	135.0	121,000	130,000	924	940	42.1	42.0	38,869	39,292
SC	460	530	155.4	134.0	71,500	70,800	499	504	44.5	41.0	22,217	20,745
SE	820	820	158.5	157.0	130,000	129,000	746	760	43.8	45.0	32,646	34,218
STATE	11,900	12,100	165.0	158.0	1,963,500	1,911,800	10,310	10,350	48.0	46.0	494,880	476,100

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

Farm Production Expenditures, Corn Belt Region¹ 2001-02

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

Expenditure - Farm Share	Farms Reporting ²		Average per Farm ³		Total Expenditures	
	2001	2002	2001	2002	2001	2002
	Percent		Dollars		Million Dollars	
Total Farm Production Expenditures ^{4,5}	100.0	100.0	86,523	84,826	36,210	35,330
Livestock, Poultry & Related Expenses ⁶	27.9	31.4	7,168	7,179	3,000	2,990
Feed	56.2	60.6	9,319	9,196	3,900	3,830
Farm Services ⁷	81.5	96.4	8,602	8,547	3,600	3,560
Rent ⁸	41.2	40.1	14,289	13,854	5,980	5,770
Agricultural Chemicals ⁹	53.2	58.5	5,257	4,994	2,200	2,080
Fertilizer, Lime & Soil Conditioners ⁹	60.3	65.4	6,858	6,218	2,870	2,590
Interest	47.9	54.3	5,114	4,874	2,140	2,030
Taxes (Real Estate & Property)	99.4	99.5	3,799	3,866	1,590	1,610
Labor	30.4	33.5	3,536	3,457	1,480	1,440
Fuels	86.8	87.0	2,628	2,449	1,100	1,020
Farm Supplies & Repairs ¹⁰	86.0	85.0	4,779	4,730	2,000	1,970
Farm Improvements & Construction ¹¹	45.7	51.0	2,987	3,145	1,250	1,310
Tractors & Self-Propelled Farm Machinery	12.6	15.8	3,154	3,313	1,320	1,380
Other Farm Machinery	23.8	24.5	1,697	1,873	710	780
Seeds & Plants ¹²	57.3	56.9	5,400	5,354	2,260	2,230
Trucks & Autos	18.7	13.6	1,840	1,681	770	700

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 and fences, and any improvements to physical structures of land. ¹² 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 2002¹

Commodity group	United States	Leading 10 States, by value									
		1	2	3	4	5	6	7	8	9	10
		Million dollars									
Total	53,293.6	CA 7,160.0	IL 3,310.5	IA 3,217.7	NE 3,144.8	KS 3,005.6	TX 2,932.7	MN 2,202.4	ND 1,933.7	WA 1,787.7	IN 1,696.2
Feed grains and products	6,779.2	IL 1,054.7	IA 1,049.5	NE 778.7	IN 569.9	KS 519.5	MN 512.1	OH 282.0	TX 259.8	SD 250.3	MO 245.6
Soybeans and products	7,325.7	IA 1,217.7	IL 1,211.1	IN 694.2	MN 675.1	NE 565.0	OH 475.9	MO 471.9	SD 362.5	AR 231.1	KS 221.4
Live animals and meat	6,097.4	NE 929.8	KS 748.4	TX 696.3	IA 595.1	CO 285.6	IL 273.8	MN 238.4	KY 201.7	WI 194.3	NC 193.8
Feeds and fodders	1,951.2	KS 349.3	TX 271.1	NE 181.7	IA 105.4	MN 75.2	CO 61.2	IL 56.3	MO 55.1	ID 46.2	SD 46.1
Hides and skins	1,776.0	NE 353.4	KS 322.6	TX 283.5	CO 134.5	WI 114.8	UT 61.9	MN 50.8	CA 50.0	PA 49.2	IA 49.0
Dairy products	1,030.7	WI 223.5	CA 215.0	MN 74.2	NY 56.6	ID 52.0	PA 47.7	WA 40.5	IA 33.9	OH 26.4	TX 24.5
Seeds	839.2	CA 184.0	AZ 77.9	IL 49.0	OR 45.8	IA 45.8	NE 37.1	2/	2/	2/	2/
Animal fats	454.4	NE 94.9	KS 84.7	TX 73.1	CO 31.5	WI 21.2	IA 19.3	IL 14.8	CA 13.8	PA 12.6	MN 12.3

¹ Fiscal year = October 1 – September 30. ² Not applicable.
Source: ERS, USDA

Average Cash Rent per Acre by State, 1999-2003

State and Land Type	1999	2000	2001	2002	2003
Cropland Rented for Cash¹					
Illinois	\$111.00	\$119.00	\$119.00	*\$122.00	\$123.00
Indiana	99.00	100.00	100.00	101.00	103.00
Iowa	112.00	115.00	117.00	120.00	122.00
Kansas					
Irrigated	66.00	67.00	72.00	70.00	68.00
Non-Irrigated	35.00	35.50	36.00	36.00	36.00
Michigan	60.00	60.00	60.00	60.00	60.00
Minnesota	75.60	77.90	80.50	*\$81.00	82.00
Missouri					
Non-Irrigated	59.00	62.00	65.00	*\$66.00	70.00
Nebraska					
Irrigated	115.00	117.00	117.00	121.00	123.00
Non-Irrigated	64.50	66.00	65.00	*\$66.00	67.00
North Dakota	35.50	35.50	36.00	36.50	36.50
Ohio	73.70	74.00	76.50	*\$77.00	78.00
South Dakota					
Non-Irrigated	38.00	39.80	40.00	42.00	45.00
Wisconsin	62.00	65.00	66.00	*\$67.00	68.00
Pasture Rented for Cash					
Illinois	\$31.00	\$33.00	\$33.00	*\$32.00	\$32.50
Iowa	31.00	29.00	30.00	*\$30.50	31.00
Kansas	13.30	12.80	12.60	12.60	12.60
Minnesota	17.00	18.00	19.00	19.00	19.00
Missouri	18.50	20.00	22.50	*\$23.00	23.50
Nebraska	10.90	11.30	11.30	*\$11.20	11.50
North Dakota	9.30	9.50	9.80	9.70	9.80
South Dakota	10.20	11.00	11.00	*\$10.90	11.00
Wisconsin	38.00	38.00	36.00	*\$36.00	36.00

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

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