

Released: June 30, 2004

**CORN PLANTED ACRES TIED FOR RECORD HIGH**

Minnesota farmers planted 7.7 million acres of corn which ties the record high set in 1981, according to the Minnesota Agricultural Statistics Service. Acreage planted to principal crops in Minnesota for 2004 is estimated at 19.9 million acres, down less than one percent from the 20 million acres planted in 2003.

**CORN** acreage planted in Minnesota is estimated at 7.7 million acres for all purposes, up 7 percent from last year. Acres to be harvested for grain are estimated at 7.1 million acres.

**SOYBEAN** planted acres is estimated at 7.4 million acres, down 1 percent from 2003.

**SPRING WHEAT** planted in Minnesota is estimated at 1.65 million acres, down 200,000 acres from last year. **WINTER WHEAT** acres are estimated at 25,000 acres, unchanged from 2003.

**SUGARBEET** growers planted 476,000 acres, down 16,000 acres from 2003.

**OAT** plantings of 280,000 acres are down 20 percent from last year. Acres to be harvested for grain are estimated at 200,000 acres.

Minnesota's **BARLEY** acreage decreased 42 percent from last year as farmers planted 110,000 acres.

**CANOLA** growers planted 35,000 acres, down 22,000 acres from last year.

The state's **ALL SUNFLOWER** acreage of 80,000 acres is down 11 percent from 2003. **FLAXSEED** acreage is estimated at 3,000 acres, down 5,000 acres from last year.

**ALL HAY** acres expected to be harvested, at 1.98 million acres, is down 5 percent from a year ago.

Crop	2003	2004	% Change Previous Year
	Planted	Planted	
	<u>1,000 Acres</u>		<u>Percent</u>
Corn	7,200	7,700	+7
Soybeans	7,500	7,400	-1
All Wheat	1,877	1,677	-11
Spring Wheat	1,850	1,650	-11
Durum	2	2	unch.
Winter Wheat	25	25	unch.
Barley	190	110	-42
Oats	350	280	-20
Sugarbeets	492	476	-3
Dry Beans	115	125	+9
Canola	57	35	-39
All Sunflowers	90	80	-11
Oil	55	45	-18
Non-Oil	35	35	unch.
Flaxseed	8	3	-63
All Hay 1/	2,075	1,975	-5
Alfalfa 1/	1,375	1,325	-4
Other 1/	700	650	-7

1/ Harvested Acres

**U.S. HIGHLIGHTS**

**Corn Planted Acreage Up 3 Percent, Soybean Acreage Up 2 Percent from 2003**

**CORN** planted area for all purposes is estimated at 81.0 million acres, up 3 percent from both 2002 and 2003. Growers expect to harvest 73.4 million acres for grain, up 3 percent from 2003. Farmers increased corn plantings 1.96 million acres from their March intentions. Above-normal temperatures and light rainfall allowed planting to progress well ahead of the normal pace. Similar conditions were experienced in the northern and central Great Plains. However, planting progress slowed after mid-May as heavy rains fell in many areas of the Corn Belt. Farmers reported that 98 percent of the corn acreage had been planted at the time of the survey interview, which is 1 percentage point above the average for the past 10 years.

The 2004 **SOYBEAN** planted area is estimated at 74.8 million acres, up 2 percent from last year. If realized, this will be the largest planted area on record and a rebound from the three year decline in acreage. Area for harvest, at 73.7 million acres, is also up 2 percent from 2003. The planted area is down 602,000 acres from the March *Prospective Plantings* report. Area planted increased or was unchanged from last year in all States except Illinois, Iowa, Minnesota, South Dakota, and Wisconsin. Growers in Illinois and Iowa showed the largest decreases in soybeans planted from 2003, but showed comparable increases in acres planted to corn. Farmers reported that 87 percent of the intended soybean acreage had been planted at the time of the survey interview, compared to an average of 78 percent for the past 10 years.

**ALL WHEAT** planted area is estimated at 59.9 million acres, down 3 percent from 2003. Harvested area is expected to total 50.7 million acres, down 4 percent from last year.

## BIOTECHNOLOGY VARIETIES

The National Agricultural Statistics Service conducts the June Agricultural Survey in all States each year. Randomly selected farmers across the United States were asked if they planted corn or soybeans seed that, through biotechnology, is resistant to herbicides, insects, or both. The States published individually in the following tables represent 81% of all corn planted acres and 89% of all soybean planted acres.

Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). Stacked gene varieties include those containing biotech traits for both herbicide and insect resistance.

The acreage estimates are subject to sampling variability because all operations planting biotech varieties are not included in the sample. The variability for the 48 corn States, as measured by the relative standard error at the U.S. level, is approximately 1.0% for all biotech varieties, 1.4% for insect resistant (Bt) only varieties, 2.3% for herbicide resistant only varieties, and 3.4% for stacked gene varieties. This means that chances are approximately 95 out of 100 that survey estimates will be within plus or minus 2.0% for all biotech varieties, 2.8% for insect resistant (Bt) only varieties, 4.6% for herbicide resistant varieties, and 6.8% for stacked gene varieties. Variability for the 31 soybean States is approximately 0.4% for herbicide resistant varieties.

**Corn: Biotechnology Varieties by State and United States, Percent of All Corn Planted, 2003-2004**

State	Insect Resistant (Bt)		Herbicide Resistant	
	2003	2004	2003	2004
	Percent	Percent	Percent	Percent
IL	23	26	4	5
IN	8	11	7	8
IA	33	36	8	10
KS	25	25	17	24
MI	18	15	14	14
MN	31	35	15	17
MO	32	32	9	13
NE	36	41	11	13
OH	6	8	3	4
SD	34	28	24	30
WI	21	22	9	14
Oth Sts <sup>1</sup>	17	19	17	21
US	25	27	11	13
	Stacked Gene Varieties		All Biotech Varieties	
	2003	2004	2003	2004
	Percent	Percent	Percent	Percent
IL	1	2	28	33
IN	1	2	16	21
IA	4	8	45	54
KS	5	5	47	54
MI	3	4	35	33
MN	7	11	53	63
MO	1	4	42	49
NE	5	6	52	60
OH	*	1	9	13
SD	17	21	75	79
WI	2	2	32	38
Oth Sts <sup>1</sup>	2	6	36	46
US	4	5	40	45

\* Data rounds to less than 0.5 percent.

<sup>1</sup> Other States includes all other States in the Corn estimating program.

**Soybeans: Biotechnology Varieties by State and United States, Percent of All Soybeans Planted, 2001-2002**

State	Herbicide Resistant Only		All Biotech Varieties	
	2003	2004	2003	2004
	Percent	Percent	Percent	Percent
AR	84	92	84	92
IL	77	81	77	81
IN	88	87	88	87
IA	84	89	84	89
KS	87	87	87	87
MI	73	75	73	75
MN	79	82	79	82
MS	89	93	89	93
MO	83	87	83	87
NE	86	92	86	92
ND	74	82	74	82
OH	74	76	74	76
SD	91	95	91	95
WI	84	82	84	82
Oth Sts <sup>1</sup>	76	82	76	82
US	81	85	81	85

<sup>1</sup> Other States includes all other States in the Soybean estimating program.