



2003 North Dakota Soybean Varieties

August 29, 2003

Highlights

Over 350 soybean varieties were reported planted on the 3.10 million acres in North Dakota this year. Herbicide resistant varieties were planted on 74 percent of North Dakota's soybean acreage, compared to 10.5 percent in 1999. Public varieties were planted on 8.6 percent of the acreage, down from the 19.6 and 32.2 percent in 1999 and 1994, respectively. In contrast, privately developed varieties planted increased to 91.4 percent of the acres. Sixteen private soybean developers had their varieties planted on one percent or more of North Dakota's soybean acreage. Five years ago nine private seed developers met that level.

North Dakota soybean acreage has substantially grown within the last decade. Soybeans now cover 3.10 million acres of North Dakota's cropland, compared to 640,000 acres in 1994. Soybean production was forecasted at 101 million bushels as of August 1, 2003, a 16 percent increase over last year's record setting 86.8 million bushels.

Survey Description

USDA's North Dakota Agricultural Statistics Service conducted the soybean variety survey for the 2003 crop year. This survey was funded by the North Dakota Soybean Council. The data in this report was based on responses from approximately 1,800 soybean producers. **Thank you to each person who supplied data to make this publication possible.** Acreage by individual variety was summarized by seed developer and variety type (herbicide resistant vs. conventional). The last soybean variety survey was conducted in 1999.

Private Varieties

The top seven planted soybean varieties in the state were privately developed. The top variety was Asgrow AG0801, accounting for 8.3 percent of the planted acreage. Pioneer Hybrids held spots two through six with varieties 90B51, 90B74, 90B11, 91B03 and 9071, respectively. In seventh was Dekalb DKB06-51 covering 2.0 percent of the planted acreage. Pioneer 9071, with 2.5 percent of the seeded acreage, was the only conventional variety to reach the top seven. Five years ago, Pioneer 9071 was the leading variety planted, with 26.4 percent of the state's soybean acreage. Pioneer developed soybeans accounted for 22.3 percent of North Dakota soybean acreage, compared to 42.2 percent in 1999.

Public Varieties

Jim was the leading public variety planted in 2003, with 1.9 percent of the total planted acreage. The herbicide resistant RG200RR, at 1.7 percent, placed second ahead of Traill, at 1.4 percent, to finish out the top three publicly developed varieties. In 1999, Traill was the leading public variety as well as number two overall with 4.4 percent of the planted acres.

**SOYBEAN ACREAGE BY DEVELOPER
NORTH DAKOTA, 2003**

Developer	Acres Planted	Percent of Acres
Public Varieties		
Jim	58,402	1.9
RG200RR	53,109	1.7
Traill	43,694	1.4
Other Public ^{1/}	111,525	3.6
Total Public	266,730	8.6
Private Seed Developers		
Pioneer	690,393	22.3
Asgrow	319,123	10.3
Croplan/Cenex	250,026	8.1
Syngenta/NK	196,152	6.3
Dekalb	171,750	5.5
NuTech	146,172	4.7
Mycogen	137,797	4.4
Peterson Farm	126,169	4.1
Stine	66,446	2.1
Wensman	55,680	1.8
Garst	55,189	1.8
Northstar	49,877	1.6
Gold Country	49,860	1.6
Legend	49,364	1.6
Proseed	48,187	1.6
Thunder	39,378	1.3
Other Private ^{1/}	381,707	12.3
Total Private	2,833,270	91.4
State Total	3,100,000	100.0

^{1/} Other includes varieties not listed and unknown varieties

~ Compiled and Published by ~

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SOYBEAN VARIETIES

SOYBEAN ACREAGE BY VARIETY TYPE NORTH DAKOTA, 2003

Developer	Acres Planted	Percent of Acres
Conventional Varieties		
Pioneer, 9071	76,226	2.5
Public, Jim	58,402	1.9
Pioneer, 90B43	54,294	1.8
Public, Traill	43,694	1.4
Other Conventional	567,384	18.4
Total Conventional	800,000	26.0
Herbicide Resistant Varieties		
Asgrow, AG0801	257,969	8.3
Pioneer, 90B51	126,303	4.1
Pioneer, 90B74	109,982	3.5
Pioneer, 90B11	81,706	2.6
Pioneer, 91B03	64,016	2.1
Dekalb, DKB06-51	62,743	2.0
Syngenta/NK, S06-L6	56,770	1.8
Croplan, RT0874	53,354	1.7
Public, RG200RR	53,109	1.7
NuTech, NT0777	42,111	1.4
Syngenta/NK, S08-R4	36,917	1.2
Croplan, RT0583	35,457	1.1
Peterson Farm, 0105RR	29,744	1.0
Other Herbicide Resistant	1,289,819	41.5
Total Herbicide Resistant	2,300,000	74.0
State Total	3,100,000	100.0

SOYBEANS, North Dakota, 1994-2003

Year	Area Planted	Area Harvested	Yield Per Acre ^{1/}	Marketing Year Avg Price ^{2/}
	--- 1,000 Acres ---		Bu	\$/Bu
1994	640	610	31.0	5.19
1995	660	640	29.0	6.49
1996	850	845	29.0	7.05
1997	1,150	1,140	29.5	6.10
1998	1,500	1,475	32.0	4.64
1999	1,350	1,340	35.0	4.19
2000	1,900	1,850	32.0	4.23
2001	2,150	2,110	33.5	4.05
2002	2,670	2,630	33.0	5.20
2003	3,100	3,050	33.0 ^{3/}	

1/ Yield per harvested acre. 2/ Preliminary 2002 marketing year average (MYA) price is based on entire month price data through December 2002. Final 2002 MYA price will be published in November 2003. 3/ Forecasted yield as of August 1.



North Dakota, 2003 SOYBEAN ACRES PLANTED BY ZONE

Top Three Varieties and Percent of Reported Acres in Zone

