

1998 North Dakota Barley Varieties

July 15, 1998

Highlights

Robust remained the most popular barley variety in North Dakota in 1998. It accounted for 56.0 percent of the total barley acres planted and has led barley varieties thirteen of the last fourteen years. Robust was followed by Stander, which accounted for 17.1 percent, while Foster and Excel claimed the third and fourth spots comprising 11.6 and 3.1 percent, respectively. All four varieties are recommended for malting by the American Malting Barley Association (AMBA), Inc. Stark, at 2.8 percent, and Bowman, at 2.6 percent, remained leading feed varieties. Morex, with 1.7 percent, was up from 1.0 percent in 1997, while Conlon and B1202 pushed into the top nine varieties with 1.6 and 1.0 percent of all barley acres in the state, respectively.

North Dakota continued to rank first in barley acreage, representing 31.0 percent of the nation's total, with 2.0 million acres in 1998.

This data is based on results of a June Survey conducted by USDA's North Dakota Agricultural Statistics Service of approximately 1,000 barley producers. The American Malting Barley Association, Inc. provided supporting funds for the survey. The North Dakota State University Extension Service provided variety descriptions.

Malting Varieties

Robust remained the number one malting barley variety in North Dakota in 1998 by a substantial margin over all other varieties. It comprised 56.0 percent of all planted barley acres in the state, up from 41.0 percent in 1997. Robust was the leading variety in all districts except the southwest district. This six-rowed barley has tall height, medium-strong straw strength, medium relative maturity, and good relative yield.

Stander stayed in second place, with 17.1 percent of the barley acres in the state, down from 35.5 percent in 1997. The majority of its planted acres was in the northwest, north central, and northeast districts. It is characterized by medium-short height, very strong straw strength, medium maturity, and very good yield.

Foster remained the third most popular barley variety, representing 11.6 percent, up from 9.1 percent in 1997. Most of its planted acres reside in the northwest, northeast, central, and east central districts. With very good yield, Foster has medium-short height, very strong straw strength, and medium maturity rate.

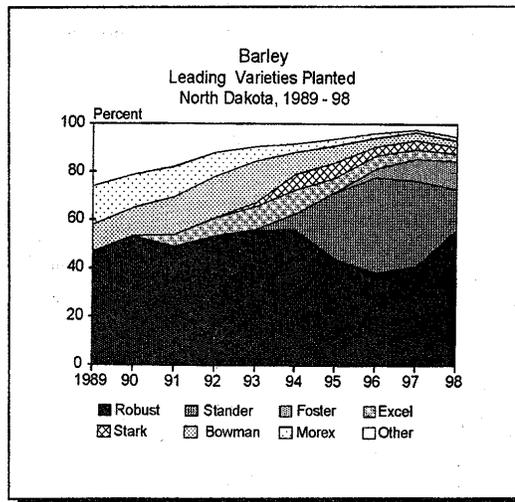
Excel was fourth among all barley and malting barley varieties with 3.1 percent, down from 3.9 percent in 1997. It is planted throughout the state with concentration in the northeast and west central districts. Excel is characterized by medium-short height, very strong straw strength, medium maturity, and very good yield.

Feed Varieties

Stark led feed varieties for the third consecutive year. It remained fifth among all varieties with 2.8 percent, down from 3.8 percent in 1997. Stark, a two-rowed variety, was a fairly popular variety in the southwest and south central districts. The medium-tall height variety has medium straw strength, medium-late relative maturity, and very good relative yield.



Bowman remained in second place among feed varieties and sixth overall. Bowman was the most popular variety in the southwest district. This medium-short two-rowed variety has medium straw strength, early maturing rate, and good yield.



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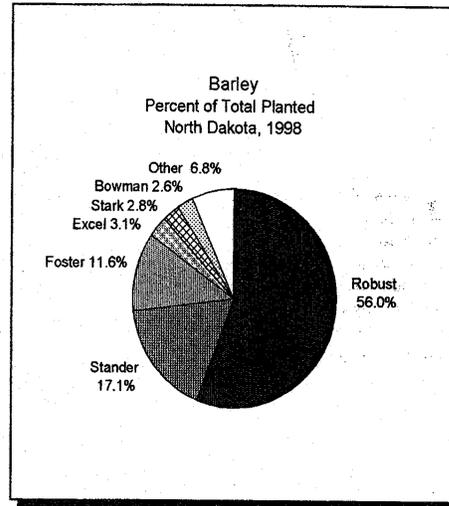
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BARLEY VARIETIES

BARLEY
Percent of Acreage Planted, North Dakota, 1994-98

Variety	1994	1995	1996	1997	1998	
					Pct.	Acres Planted
	----- Percent -----				(000)	
* Robust	56.0	44.1	38.4	41.0	56.0	1,119.7
* Stander	6.6	27.3	39.4	35.5	17.1	342.0
* Foster	0.0	0.3	3.7	9.1	11.6	231.2
* Excel	9.9	6.0	5.5	3.9	3.1	61.0
Stark	6.6	6.3	3.7	3.8	2.8	56.5
Bowman	9.1	7.0	3.6	3.4	2.6	52.7
* Morex	3.6	2.7	1.8	1.0	1.7	34.7
Conlon	0.0	0.0	0.0	0.3	1.6	32.1
B1202	0.0	0.0	0.2	0.1	1.0	20.9
* Azure	4.3	3.4	1.6	0.7	0.8	15.9
Logan	0.0	0.0	0.2	0.5	0.8	15.6
Other	3.9	2.9	1.9	0.7	0.9	17.7
All Varieties	100.0	100.0	100.0	100.0	100.0	2,000.0

* Recommended for malting and brewing by the American Malting Barley Association, Inc.



BARLEY
Percent and Acreage Planted, North Dakota, 1998

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
Robust	38.7	64.6	65.5	37.3	60.6	72.3	2.4	30.1	44.5	56.0
Stander	23.4	22.6	24.8	5.9	11.4	9.2	2.6	10.3	10.9	17.1
Foster	18.3	8.3	6.6	13.1	19.4	13.3	0.0	2.0	28.7	11.6
Excel	3.7	0.5	2.3	10.7	2.7	3.0	1.9	5.8	5.6	3.1
Stark	2.3	0.2	0.0	6.8	0.0	0.0	29.3	15.3	4.3	2.8
Bowman	1.5	0.0	0.0	7.2	0.0	0.0	31.0	16.6	0.0	2.6
Morex	1.6	3.2	0.1	4.0	3.2	1.6	0.0	0.0	3.5	1.7
Conlon	0.4	0.0	0.0	6.7	0.0	0.4	21.0	4.3	0.0	1.6
B1202	8.1	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	1.0
Azure	0.0	0.4	0.3	0.0	2.7	0.0	0.6	6.0	0.7	0.8
Logan	0.0	0.0	0.0	1.1	0.0	0.0	10.2	6.4	0.0	0.8
Other	2.3	0.2	0.4	3.4	0.0	0.2	1.0	3.4	1.8	0.9
	----- Thousand Acres -----									
Robust	77.3	213.2	367.0	44.7	151.5	195.2	2.2	24.1	44.5	1,119.7
Stander	46.7	74.5	139.0	7.1	28.5	24.8	2.3	8.2	10.9	342.0
Foster	36.6	27.3	36.7	15.7	48.6	36.0	0.0	1.6	28.7	231.2
Excel	7.3	1.7	12.6	12.8	6.7	8.0	1.7	4.6	5.6	61.0
Stark	4.6	0.8	0.0	8.2	0.0	0.0	26.4	12.2	4.3	56.5
Bowman	2.9	0.0	0.0	8.6	0.0	0.0	27.9	13.3	0.0	52.7
Morex	3.1	10.4	0.7	4.8	7.9	4.3	0.0	0.0	3.5	34.7
Conlon	0.7	0.0	0.0	8.0	0.0	1.1	18.9	3.4	0.0	32.1
B1202	16.2	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	20.9
Azure	0.0	1.3	1.8	0.0	6.8	0.0	0.5	4.8	0.7	15.9
Logan	0.0	0.0	0.0	1.3	0.0	0.0	9.2	5.1	0.0	15.6
Other	4.6	0.8	2.2	4.1	0.0	0.6	0.9	2.7	1.8	17.7
All Varieties	200.0	330.0	560.0	120.0	250.0	270.0	90.0	80.0	100.0	2,000.0