

1995 North Dakota Barley Varieties

July 13, 1995

Highlights

Robust remained the most popular barley variety in North Dakota during 1995. It accounted for 44.1 percent of the 2.4 million acres planted, down from 56.0 in 1994. Robust has led for eleven consecutive years. Stander moved up to second, accounting for 27.3 percent. Bowman was third with 7.0 percent followed by Stark with 6.3 percent. Excel dropped to fifth with 6.0 percent. Robust and Excel are recommended for malting and brewing by the American Malting Barley Association (AMBA), Inc. Stander has not yet been classified as to malting acceptability. The top five varieties accounted for 90.7 percent of the total barley planted.

These data are based on results of a June survey of approximately 1,300 producers conducted by the USDA's North Dakota Agricultural Statistics Service. Supporting funds for the survey were provided by the American Malting Barley Association, Inc. and the North Dakota Barley Council. North Dakota State University Extension Service provided variety descriptions.

North Dakota ranks first in all barley acreage, accounting for 35 percent of the nation's total, with 2.4 million acres in 1995.

Malting Varieties

Robust remained the number one malting barley variety in North Dakota in 1995 by a large margin over Excel, Azure and Morex, three other malting varieties. Robust accounted for 44.1 percent of the total acres planted. It was the leading variety in the northwest, north central, northeast, central, east central, and southeast districts. Robust, characterized by tall height, medium-strong straw, medium relative maturity, is moderately susceptible to leaf diseases.

Excel was the second leading malting variety. It accounted for 6.0 percent of all barley acres, down from

9.9 percent in 1994. Excel's popularity first dropped this year after a steady increase since its release in 1990. It has medium-short height, very strong straw, medium maturity and is moderately susceptible to leaf diseases.

Azure remained the third place malting barley, accounting for only 3.4 percent of all barley acres, down from 4.3 in 1994. It has been losing popularity since 1988, with only one slight increase in 1991. Azure has medium height, strong straw, medium-early maturity and is moderately susceptible to leaf diseases.

Morex was the fourth most popular malting barley. Morex's popularity has been dropping for nine consecutive years, from 3.6 percent in 1994 to 2.7 percent in 1995. It is characterized by tall height with early relative maturity, medium straw strength and is moderately susceptible to leaf disease.

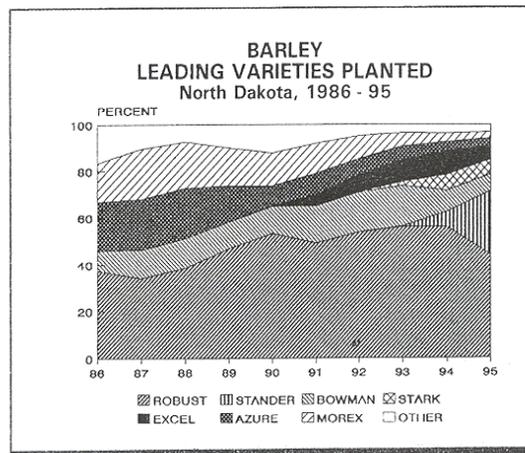
Feed Varieties

Stander was first among the feed barley varieties and second overall with 27.3 percent of planted acres, up from 6.6 percent in 1994. A 6-rowed

1993 Minnesota release, Stander was popular in the northwest, north central, northeast and east central districts. It is medium short, has very strong straw strength, medium relative maturity and moderately susceptible to leaf disease. Stander has not been fully tested by the AMBA for recommendation as a malting variety.

Bowman dropped to second among feed varieties and was third among all barley. Bowman, a 2-rowed variety, accounted for 7.0 percent of the total barley acres planted in 1995 compared to 9.1 last year. It was the most popular of all varieties in the west central, southwest and south central districts. Bowman is short, has medium-strong straw, is medium-early maturing and is moderately susceptible to leaf disease.

Stark was third among feed varieties and fourth overall, with 6.3 percent of the total acres planted. Stark was popular in the west central, southwest and south central districts. It is of medium height, has medium straw strength and moderately resistant to leaf diseases.

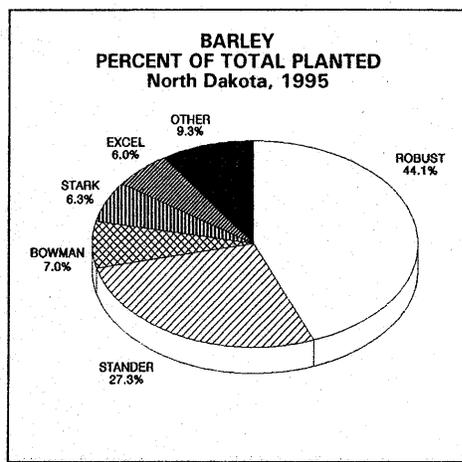


BARLEY VARIETIES (Continued)

**PERCENT OF ACREAGE PLANTED BY VARIETY,
NORTH DAKOTA, 1991-95**

Variety	1991	1992	1993	1994	1995	
					Pct.	Acres Planted
	----- Percent -----					(000)
* Robust	49.1	53.5	55.9	56.0	44.1	1,059.5
Stander	0.0	0.0	0.2	6.6	27.3	654.8
Bowman	15.6	17.3	17.5	9.1	7.0	168.2
Stark	0.0	0.1	1.6	6.6	6.3	150.0
* Excel	4.8	7.3	9.4	9.9	6.0	144.6
* Azure	9.5	6.8	5.9	4.3	3.4	81.1
* Morex	12.7	9.8	5.8	3.6	2.7	65.3
B2912	0.0	0.1	0.2	0.3	0.7	17.9
Gallatin	1.2	1.1	1.6	0.9	0.7	15.7
Foster	0.0	0.0	0.0	0.0	0.3	6.7
Hector	1.3	0.7	0.4	0.3	0.2	4.9
Larker	0.4	0.4	0.2	0.3	0.2	3.8
Other	5.4	2.9	1.3	2.1	1.1	27.4
ALL VARIETIES	100.0	100.0	100.0	100.0	100.0	2,400.0

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



PERCENT AND ACREAGE PLANTED BY AGRICULTURAL STATISTICS DISTRICTS, NORTH DAKOTA, 1995

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	----- Percent Planted -----									
Robust	30.6	60.3	46.8	6.2	44.8	59.7	1.5	13.1	54.1	44.1
Stander	26.0	21.7	46.2	5.4	13.9	32.0	0.0	4.0	9.3	27.3
Bowman	9.0	0.6	0.0	40.0	1.0	0.0	48.7	37.9	2.0	7.0
Stark	7.9	1.1	0.0	25.5	1.4	0.5	36.8	34.7	11.9	6.3
Excel	16.5	1.2	2.5	9.3	17.1	4.9	0.0	1.2	11.0	6.0
Azure	0.7	4.5	0.4	1.7	20.7	1.9	0.0	1.5	4.2	3.4
Morex	5.2	5.1	2.5	3.3	0.9	0.7	0.0	1.8	4.6	2.7
Busch 2912	0.0	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Gallatin	1.4	0.0	0.0	4.5	0.0	0.0	6.5	0.0	0.0	0.7
Foster	0.2	0.1	0.6	0.0	0.2	0.1	0.0	0.0	0.5	0.3
Hector	0.7	0.0	0.0	0.2	0.0	0.0	0.6	2.1	0.0	0.2
Larker	0.3	0.5	0.0	0.4	0.0	0.0	0.0	0.7	0.0	0.2
Other	1.5	1.0	0.4	3.5	0.0	0.2	5.9	3.0	2.4	1.1
	----- Thousand Acres -----									
Robust	76.6	217.2	327.3	6.8	94.1	256.6	1.6	14.4	64.9	1,059.5
Stander	65.1	78.1	323.5	5.9	29.2	137.4	0.0	4.4	11.2	654.8
Bowman	22.6	2.0	0.0	44.0	2.0	0.0	53.6	41.6	2.4	168.2
Stark	19.8	4.1	0.0	28.1	2.9	2.2	40.5	38.1	14.3	150.0
Excel	41.3	4.3	17.4	10.2	36.0	20.9	0.0	1.3	13.2	144.6
Azure	1.8	16.3	2.9	1.9	43.5	8.1	0.0	1.6	5.0	81.1
Morex	13.1	18.4	17.7	3.6	1.8	3.2	0.0	2.0	5.5	65.3
Busch 2912	0	14.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	17.9
Gallatin	3.6	0.0	0.0	4.9	0.0	0.0	7.2	0.0	0.0	15.7
Foster	0.4	0.5	4.2	0.0	0.4	0.6	0.0	0.0	0.6	6.7
Hector	1.7	0.0	0.0	0.2	0.0	0.0	0.7	2.3	0.0	4.9
Larker	0.7	1.9	0.0	0.4	0.0	0.0	0.0	0.8	0.0	3.8
Other	3.3	3.2	3.1	4.0	0.1	1.0	6.4	3.5	2.9	27.4
ALL VARIETIES	250.0	360.0	700.0	110.0	210.0	430.0	110.0	110.0	120.0	2,400.0