



North Dakota

2007 Barley Varieties

July 2007

Highlights

Tradition is the top barley variety in North Dakota for 2007, for the second year in a row. Tradition accounts for 30.4 percent of the 1.45 million acres planted, compared with 25.9 percent in 2006. Robust remains the second most popular barley variety with 13.9 percent of the total acres planted. For the second year, Lacey ranks the third most popular variety in 2007 with 13.6 percent of the total acres planted. Stellar-ND moves up from sixth in 2006 to fourth in 2007 with 9.9 percent of the total acres planted. Conlon is the fifth most popular variety in 2007 with 9.8 percent of the total acres planted. Legacy ranks sixth accounting for 7.8 percent of the total barley acres planted followed by Drummond and CDC Copeland, both at 2.7 percent of the total acres planted. The top eight barley varieties are all recommended for malting by the American Malting Barley Association (AMBA) in 2007 and account for 90.8 percent of this year's barley acres in North Dakota.

Haybet, representing 2.6 percent of the total acres planted, is the top feed variety for the fifth consecutive year and ranks ninth overall. AC Metcalfe remains the tenth most planted variety in North Dakota with 0.5 percent of the total acres planted. AC Metcalfe is an AMBA recommended variety for 2007.

North Dakota continues to rank first in barley acreage planted in the United States, accounting for 36 percent of the nation's 4.04 million acres. Planted acreage in North Dakota is 1.45 million in 2007, up 32 percent from last year. This is the highest level since 2004.

Survey Description

The data in this report are based on a survey of barley producers conducted during June and July by the North Dakota Field Office of USDA's National Agricultural Statistics Service. **Thank you to each person who supplied data and made this report possible.** Results include acreage and percentages at the State and Agricultural Statistics District levels. All variety acreage numbers in this publication are based on survey averages. Highly reliable state averages were produced from 853 positive reports from 3949 respondents. The AMBA and North Dakota Barley Council provided supporting funds for the survey. The North Dakota State University Extension Service provided variety descriptions.

Recommended Malting Varieties

Tradition is the leading North Dakota barley variety for the second straight year. It accounts for 30.4 percent of the total barley acres planted. Tradition is a six-row barley of medium

height, very strong straw strength, and medium relative maturity.

Robust remains ranked second in 2007 and accounts for 13.9 percent of the barley acres planted in North Dakota. This six-row barley is characterized by its medium height, medium-strong straw strength, and medium relative maturity.

Lacey maintains its rank as the third most planted barley variety in North Dakota. It represents 13.6 percent of the total barley acres planted. Lacey is a six-row barley of medium height, strong straw strength and medium relative maturity.

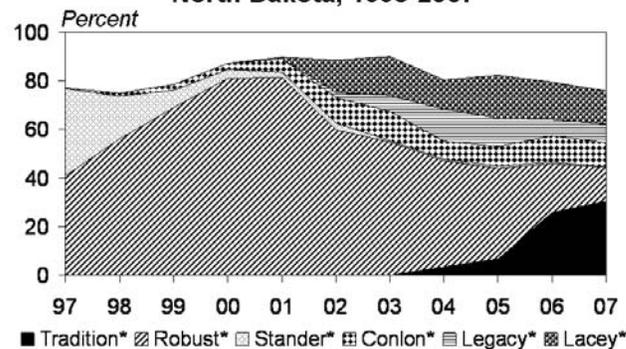
Feeding and Other Varieties

Haybet is the most popular feed variety for the fifth consecutive year, and ranks ninth overall with 2.6 percent of the total barley acres planted. Haybet, a two-row hooded variety, is grown extensively for hay and forage.

Hays is second among other varieties and was planted on 7,000 acres in 2007. This two-row feed barley ranked eleventh among barley varieties planted in North Dakota. Hays was planted primarily in the western districts of the state. Hays is a two-row barley developed by Montana State University. It was released in 2003 as a hay barley.

Bowman is the third most popular other variety in 2007 and ranks twelfth for the second year in a row. This feed variety was planted on 6,400 acres primarily in the southwest and south central districts of North Dakota. It is a two-row barley variety of medium-short height, medium straw strength, and early relative maturity.

**Barley
Select Varieties Planted
North Dakota, 1998-2007**



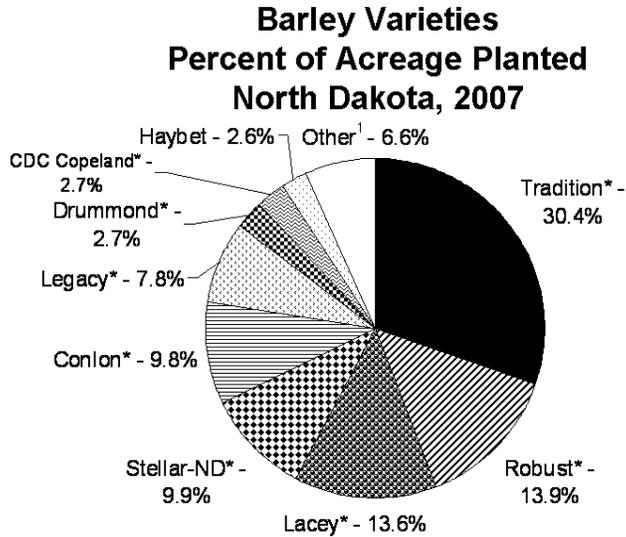
*Recommended for malting by the American Malting Barley Association for 2007.

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BARLEY VARIETIES (Continued)

**Barley Varieties: Percent of Acreage Planted
North Dakota, 2003-2007**



¹ Other includes varieties not listed and unknown varieties.
*Recommended for malting by the American Malting Barley Association for 2007.

Variety	2003	2004	2005	2006	2007	
					Pct	Acres Planted
	Percent	Percent	Percent	Percent		1,000
Tradition*	0.0	3.4	6.8	25.9	30.4	441.1
Robust*	54.9	43.7	37.3	19.9	13.9	202.2
Lacey*	15.8	12.0	17.4	15.3	13.6	197.0
Stellar-ND*	0.0	0.0	0.3	4.3	9.9	143.6
Conlon*	11.9	7.5	7.9	10.6	9.8	142.0
Legacy*	6.6	13.1	11.9	6.8	7.8	112.7
Drummond*	1.4	5.5	5.5	3.7	2.7	39.3
CDC Copeland*	0.0	0.0	0.0	2.6	2.7	39.0
Haybet	2.1	3.5	3.9	3.7	2.6	37.8
AC Metcalfe*	0.2	3.0	2.8	0.9	0.5	7.6
Hays	0.0	0.0	0.0	0.0	0.5	7.0
Bowman	0.5	0.7	1.1	0.7	0.4	6.4
Excel*	2.0	2.0	0.4	0.7	0.4	5.8
CDC McGwire	0.0	0.0	0.0	0.0	0.4	5.5
Other¹	4.6	5.6	4.7	4.9	4.4	63.0
All Varieties	100.0	100.0	100.0	100.0	100.0	1,450.0

¹ Other includes varieties not listed and unknown varieties. * Recommended for malting by the American Malting Barley Association for 2007.

**Barley Varieties: Percent and Acreage Planted
North Dakota, 2007**

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Tradition*	26.6	33.0	36.6	34.8	35.8	59.4	1.5	12.0	4.2	30.4
Robust*	6.5	15.9	9.5	5.8	30.3	5.6	5.1	15.6	54.6	13.9
Lacey*	27.3	11.2	19.5	1.8	6.9	10.8	0.0	4.3	16.4	13.6
Stellar-ND*	6.1	8.8	18.2	8.8	10.3	7.6	5.9	9.4	5.4	9.9
Conlon*	5.7	17.3	2.2	6.3	0.0	4.6	40.8	29.4	0.0	9.8
Legacy*	12.6	4.5	10.6	17.6	3.3	7.1	0.7	0.6	0.0	7.8
Drummond*	3.3	0.5	0.8	3.5	6.7	0.0	5.3	3.6	4.2	2.7
CDC Copeland*	7.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
Haybet	0.5	0.4	0.0	10.0	0.1	0.0	17.4	8.9	0.0	2.6
AC Metcalfe*	0.0	0.3	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.5
Hays	0.1	0.0	0.1	4.4	0.0	0.0	1.0	0.0	0.0	0.5
Bowman	0.2	0.0	0.0	0.0	0.0	0.0	2.9	3.7	0.8	0.4
Excel*	0.7	0.0	0.6	0.5	0.0	0.0	0.0	0.0	3.0	0.4
CDC McGwire	0.0	0.6	0.0	0.0	0.8	2.8	0.0	0.0	0.0	0.4
Other¹	2.8	1.4	1.9	6.5	2.1	2.1	19.4	12.5	11.4	4.4
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
Tradition*	74.5	95.7	98.9	45.3	66.2	47.5	1.3	9.6	2.1	441.1
Robust*	18.1	46.2	25.7	7.5	56.1	4.5	4.3	12.5	27.3	202.2
Lacey*	76.5	32.5	52.7	2.4	12.7	8.6	0.0	3.4	8.2	197.0
Stellar-ND*	17.2	25.5	49.0	11.5	19.1	6.1	5.0	7.5	2.7	143.6
Conlon*	15.8	50.2	5.9	8.2	0.0	3.7	34.7	23.5	0.0	142.0
Legacy*	35.3	13.1	28.5	22.9	6.1	5.7	0.6	0.5	0.0	112.7
Drummond*	9.3	1.4	2.2	4.5	12.4	0.0	4.5	2.9	2.1	39.3
CDC Copeland*	21.3	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0
Haybet	1.5	1.2	0.0	13.0	0.2	0.0	14.8	7.1	0.0	37.8
AC Metcalfe*	0.0	0.8	0.0	0.0	6.8	0.0	0.0	0.0	0.0	7.6
Hays	0.3	0.0	0.2	5.7	0.0	0.0	0.8	0.0	0.0	7.0
Bowman	0.5	0.0	0.0	0.0	0.0	0.0	2.5	3.0	0.4	6.4
Excel*	2.0	0.0	1.7	0.6	0.0	0.0	0.0	0.0	1.5	5.8
CDC McGwire	0.0	1.8	0.0	0.0	1.5	2.2	0.0	0.0	0.0	5.5
Other¹	7.7	3.9	5.2	8.4	3.9	1.7	16.5	10.0	5.7	63.0
All Varieties	280.0	290.0	270.0	130.0	185.0	80.0	85.0	80.0	50.0	1,450.0

¹ Other includes varieties not listed and unknown varieties. * Recommended for malting by the American Malting Barley Association for 2007.

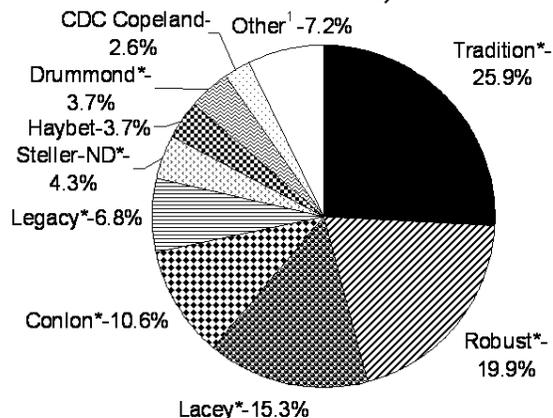
2006 BARLEY VARIETIES REVISED

**Barley Varieties: Percent of Acreage Planted
North Dakota, 2002-2006**

Variety	2002	2003	2004	2005	2006	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Tradition*	0.0	0.0	3.4	6.8	25.9	284.8
Robust*	59.6	54.9	43.7	37.3	19.9	219.0
Lacey*	13.2	15.8	12.0	17.4	15.3	167.8
Conlon*	10.6	11.9	7.5	7.9	10.6	116.9
Legacy*	2.2	6.6	13.1	11.9	6.8	75.0
Stellar-ND*	0.0	0.0	0.0	0.3	4.3	47.7
Haybet	1.9	2.1	3.5	3.9	3.7	40.6
Drummond*	1.9	1.4	5.5	5.5	3.7	40.2
CDC Copeland	0.0	0.0	0.0	0.0	2.6	28.6
Stander*	2.8	0.5	0.6	0.7	1.0	10.7
AC Metcalfe*	0.0	0.2	3.0	2.8	0.9	10.1
Bowman	1.8	0.5	0.7	1.1	0.7	8.1
Excel*	1.6	2.0	2.0	0.4	0.7	7.4
Other ¹	4.4	4.1	5.0	4.0	3.9	43.1
All Varieties	100.0	100.0	100.0	100.0	100.0	1,100.0

¹ Other includes varieties not listed and unknown varieties. * Recommended for malting by the American Malting Barley Association for 2006.

**Barley Varieties
Percent of Acreage Planted
North Dakota, 2006**



¹ Other includes varieties not listed and unknown varieties. *Recommended for malting by the American Malting Barley Association for 2006.

**Barley Varieties: Percent and Acreage Planted
North Dakota, 2006**

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Tradition*	23.1	18.1	35.2	37.7	31.3	56.9	3.3	14.5	12.8	25.9
Robust*	13.8	27.0	17.3	8.2	41.8	10.6	0.2	17.1	21.5	19.9
Lacey*	34.0	7.4	21.5	7.4	4.8	4.8	3.8	0.0	33.8	15.3
Conlon*	3.6	20.2	6.6	5.5	0.9	4.2	41.7	25.2	0.0	10.6
Legacy*	5.2	5.3	11.4	16.1	3.1	5.8	1.2	2.5	12.9	6.8
Stellar-ND*	3.6	4.2	6.3	4.6	3.9	9.4	0.0	0.4	9.3	4.3
Haybet	2.1	0.0	0.0	9.9	0.4	0.0	32.9	8.8	0.0	3.7
Drummond*	3.7	4.1	0.7	2.1	7.2	5.4	4.1	2.0	6.0	3.7
CDC Copeland	1.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
Stander*	4.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0
AC Metcalfe*	0.0	0.0	0.0	0.0	3.9	0.0	0.0	5.8	0.0	0.9
Bowman	0.0	0.0	0.0	0.2	0.0	0.0	5.7	5.0	2.0	0.7
Excel*	2.7	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7
Other ¹	3.0	1.5	0.6	7.9	2.7	2.9	7.1	18.7	1.7	3.9
	<i>1,000 Acres</i>									
Tradition*	54.2	39.8	65.1	35.1	45.3	27.3	1.9	11.0	5.1	284.8
Robust*	32.5	59.5	32.0	7.6	60.6	5.1	0.1	13.0	8.6	219.0
Lacey*	79.8	16.4	39.7	6.9	7.0	2.3	2.2	0.0	13.5	167.8
Conlon*	8.5	44.4	12.2	5.1	1.3	2.0	24.2	19.2	0.0	116.9
Legacy*	12.2	11.6	21.1	15.0	4.5	2.8	0.7	1.9	5.2	75.0
Stellar-ND*	8.4	9.2	11.7	4.3	5.6	4.5	0.0	0.3	3.7	47.7
Haybet	5.0	0.0	0.0	9.2	0.6	0.0	19.1	6.7	0.0	40.6
Drummond*	8.6	9.0	1.3	1.9	10.5	2.6	2.4	1.5	2.4	40.2
CDC Copeland	2.4	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6
Stander*	10.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	10.7
AC Metcalfe*	0.0	0.0	0.0	0.0	5.7	0.0	0.0	4.4	0.0	10.1
Bowman	0.0	0.0	0.0	0.2	0.0	0.0	3.3	3.8	0.8	8.1
Excel*	6.3	0.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	7.4
Other ¹	7.1	3.2	1.2	7.3	3.9	1.4	4.1	14.2	0.7	43.1
All Varieties	235.0	220.0	185.0	93.0	145.0	48.0	58.0	76.0	40.0	1,100.0

¹ Other includes varieties not listed and unknown varieties. * Recommended for malting by the American Malting Barley Association for 2006.



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