



2006 Barley Varieties

July 2006

Highlights

Tradition is the top barley variety in North Dakota for 2006, leaping from fifth place last year. Tradition accounts for 26.5 percent of the 1.05 million acres planted, compared with only 6.8 percent of last year's barley acres. Robust, which was North Dakota's leading variety for 20 out of the last 21 years, is the second most popular variety this year, continuing a downward trend from a high in 2001. Lacey falls from second to the third most popular variety. Conlon is the fourth most popular variety for the third straight year. Legacy is fifth, falling from third last year. Stellar-ND ranks sixth, followed by Drummond rounding out the top seven. These seven malting barley varieties account for 86.9 percent of this year's barley acres in North Dakota.

Haybet is the top feed variety and ranks eighth overall. CDC Copeland ranks ninth. This Canadian malting variety is not currently recommended by the American Malting Barley Association (AMBA). AC Metcalfe falls from eighth last year to complete the top ten.

North Dakota continues to rank first in barley planted acreage in the United States, with 30 percent of the nation's 3.50 million acres. This is the fewest barley planted acres nationally since planted acreage estimates began in 1926. Planted acres in North Dakota are 1.05 million in 2006, down from 1.20 million in 2005.

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 592 positive reports from 3,316 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, up from fifth place last year. It accounts for 26.5 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 ranks second for 2006, down from first last year. It represents 20.2 percent of the total barley acres planted. This six-row barley is characterized by its medium height, medium-strong straw strength, and medium relative maturity.

Lacey ranks third for 2006, also down from last year. It represents 14.6 percent of the total barley acres planted. Lacey is a six-row barley of medium height, strong straw strength, and medium relative maturity.

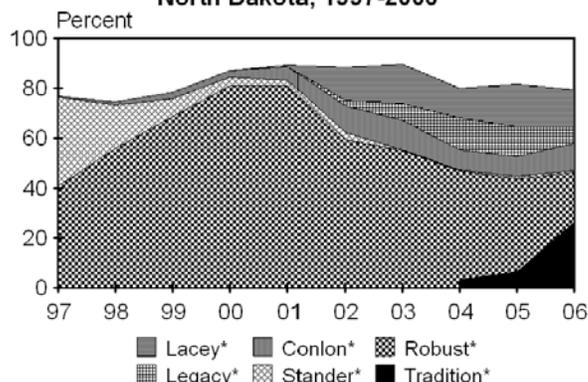
Feeding and Other Varieties

Haybet is the most popular feed variety for the fourth consecutive year, and ranks eighth overall in 2006. Grown primarily in the west central and southwest districts, 38,000 acres were planted this year. Haybet, a two-row hooded variety with white kernels, is grown extensively for hay.

CDC Copeland placed second among varieties not currently recommended for malting by AMBA, and ninth overall with 2.7 percent of the total acres planted. This two-row barley variety was planted on more than 28,000 acres, nearly all of which are in the north-central district. The 1999 release is a medium height variety with strong straw strength and early maturity.

Bowman is the third most popular other variety in 2006; this feed variety is twelfth overall. Grown throughout the southern half of the state, more than 7,000 acres were planted this year. It is a two-row barley variety of medium-short height, medium straw strength, and early relative maturity.

**Barley
Select Varieties Planted
North Dakota, 1997-2006**

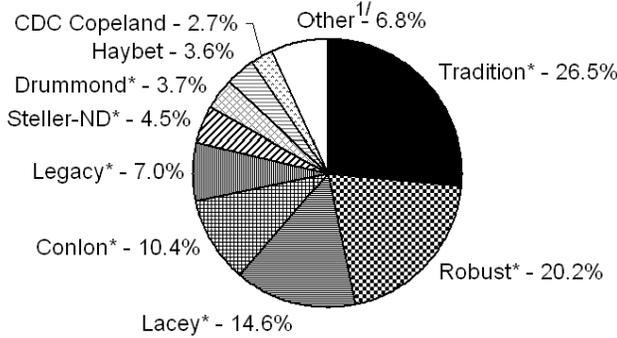


* Recommended for malting by the American Malting Barley Association for 2006.

BARLEY VARIETIES (Continued)

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

**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.

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	26.5	278.6
Robust*	59.6	54.9	43.7	37.3	20.2	212.3
Lacey*	13.2	15.8	12.0	17.4	14.6	153.3
Conlon*	10.6	11.9	7.5	7.9	10.4	109.1
Legacy*	2.2	6.6	13.1	11.9	7.0	74.0
Stellar-ND*	0.0	0.0	0.0	0.3	4.5	47.3
Drummond*	1.9	1.4	5.5	5.5	3.7	39.2
Haybet	1.9	2.1	3.5	3.9	3.6	38.0
CDC Copeland	0.0	0.0	0.0	0.0	2.7	28.1
AC Metcalfe*	0.0	0.2	3.0	2.8	0.9	9.1
Stander*	2.8	0.5	0.6	0.8	0.8	8.7
Bowman	1.8	0.5	0.7	1.1	0.7	7.2
Excel*	1.6	2.0	2.0	0.4	0.6	6.2
Other ^{1/}	4.4	4.1	5.0	3.9	3.8	38.9
All Varieties	100.0	100.0	100.0	100.0	100.0	1,050.0

^{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	14.4	12.9	26.5
Robust*	13.8	27.0	17.3	8.2	41.8	10.5	0.2	17.1	21.3	20.2
Lacey*	33.9	7.4	21.4	7.4	4.9	4.7	3.8	0.0	33.8	14.6
Conlon*	3.6	20.2	6.6	5.5	0.9	4.2	41.6	25.3	0.0	10.4
Legacy*	5.2	5.3	11.4	16.1	3.1	5.8	1.3	2.5	12.9	7.0
Stellar-ND*	3.6	4.2	6.3	4.6	3.9	9.5	0.0	0.4	9.3	4.5
Drummond*	3.7	4.1	0.7	2.0	7.2	5.5	4.2	2.0	6.0	3.7
Haybet	2.2	0.0	0.0	9.9	0.4	0.0	32.9	8.7	0.0	3.6
CDC Copeland	1.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
AC Metcalfe*	0.0	0.0	0.0	0.0	3.9	0.0	0.0	5.8	0.0	0.9
Stander*	4.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Bowman	0.0	0.0	0.0	0.3	0.0	0.0	5.8	5.1	2.0	0.7
Excel*	2.7	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6
Other ^{1/}	2.9	1.5	0.8	7.9	2.6	2.9	6.9	18.7	1.8	3.8
	<i>1,000 Acres</i>									
Tradition*	43.9	39.8	61.6	39.6	46.9	31.3	1.8	7.9	5.8	278.6
Robust*	26.3	59.5	30.3	8.6	62.7	5.8	0.1	9.4	9.6	212.3
Lacey*	64.5	16.3	37.5	7.8	7.3	2.6	2.1	0.0	15.2	153.3
Conlon*	6.9	44.4	11.6	5.8	1.3	2.3	22.9	13.9	0.0	109.1
Legacy*	9.9	11.6	19.9	16.9	4.6	3.2	0.7	1.4	5.8	74.0
Stellar-ND*	6.8	9.2	11.1	4.8	5.8	5.2	0.0	0.2	4.2	47.3
Drummond*	7.0	9.0	1.2	2.1	10.8	3.0	2.3	1.1	2.7	39.2
Haybet	4.1	0.0	0.0	10.4	0.6	0.0	18.1	4.8	0.0	38.0
CDC Copeland	1.9	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1
AC Metcalfe*	0.0	0.0	0.0	0.0	5.9	0.0	0.0	3.2	0.0	9.1
Stander*	8.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	8.7
Bowman	0.0	0.0	0.0	0.3	0.0	0.0	3.2	2.8	0.9	7.2
Excel*	5.1	0.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	6.2
Other ^{1/2/}	5.5	3.3	1.2	8.3	4.1	1.6	3.8	10.3	0.8	38.9
All Varieties	190.0	220.0	175.0	105.0	150.0	55.0	55.0	55.0	45.0	1,050.0

^{1/} Other includes varieties not listed and unknown varieties. ^{2/} Other state level acreage may not equal the sum of the districts due to rounding. * Recommended for malting by the American Malting Barley Association for 2006.

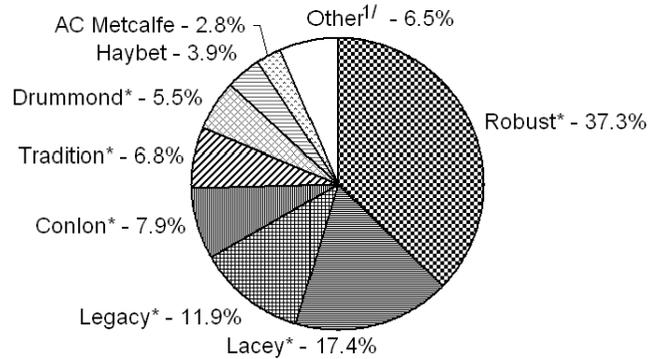
2005 BARLEY VARIETIES REVISED

**Barley Varieties: Percent of Acreage Planted
North Dakota, 2001-2005**

Variety	2001	2002	2003	2004	2005	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Robust*	81.2	59.6	54.9	43.7	37.3	447.9
Lacey*	0.6	13.2	15.8	12.0	17.4	208.5
Legacy*	0.1	2.2	6.6	13.1	11.9	142.5
Conlon*	5.5	10.6	11.9	7.5	7.9	95.1
Tradition*	0.0	0.0	0.0	3.4	6.8	81.8
Drummond*	0.8	1.9	1.4	5.5	5.5	65.5
Haybet	1.6	1.9	2.1	3.5	3.9	47.0
AC Metcalfe	0.0	0.0	0.2	3.0	2.8	34.0
Bowman	1.6	1.8	0.5	0.7	1.1	13.7
Westford	0.0	0.2	0.3	0.3	0.9	11.3
Stander	2.1	2.8	0.5	0.6	0.7	8.9
Stark	1.8	1.2	0.7	0.3	0.6	7.1
Other ^{1/}	4.7	4.6	5.1	6.4	3.2	36.7
All Varieties	100.0	100.0	100.0	100.0	100.0	1,200.0

^{1/} Other includes varieties not listed and unknown varieties. * Recommended in North Dakota for malting by the American Malting Barley Association for 2005.

**Barley Varieties
Percent of Acreage Planted
North Dakota, 2005**



^{1/} Other includes varieties not listed and unknown varieties.
* Recommended in North Dakota for malting by the American Malting Barley Association for 2005.

**Barley Varieties: Percent and Acreage Planted
North Dakota, 2005**

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Robust*	32.0	35.3	41.3	28.3	53.1	51.4	5.1	23.3	66.0	37.3
Lacey*	18.3	24.4	29.1	3.1	11.2	17.1	0.0	16.1	11.8	17.4
Legacy*	16.1	10.2	12.6	21.5	8.6	16.0	4.1	10.1	1.0	11.9
Conlon*	9.7	8.3	0.9	7.0	3.4	0.0	34.8	18.7	0.0	7.9
Tradition*	10.1	5.6	10.2	6.7	2.1	7.7	10.1	4.1	1.3	6.8
Drummond*	5.7	2.1	3.8	5.1	14.3	6.4	0.8	0.7	12.5	5.5
Haybet	2.5	0.2	0.0	17.3	1.0	0.0	19.7	7.2	1.3	3.9
AC Metcalfe	0.0	12.3	0.0	0.0	0.0	0.0	0.0	3.5	0.0	2.8
Bowman	1.5	0.0	0.0	2.9	0.4	0.0	6.7	1.9	1.0	1.1
Westford	0.0	0.0	0.0	3.4	0.0	0.0	10.1	0.0	0.0	0.9
Stander	0.0	0.0	1.4	0.0	2.7	0.0	0.0	0.0	3.0	0.7
Stark	0.0	0.0	0.0	0.5	0.0	0.0	2.4	6.3	0.0	0.6
Other ^{1/}	4.1	1.6	0.7	4.2	3.2	1.4	6.2	8.1	2.1	3.2
	<i>1,000 Acres</i>									
Robust*	62.4	90.0	82.6	31.1	84.9	36.0	3.8	17.5	39.6	447.9
Lacey*	35.7	62.1	58.2	3.4	17.9	12.0	0.0	12.1	7.1	208.5
Legacy*	31.3	26.1	25.1	23.7	13.8	11.2	3.1	7.6	0.6	142.5
Conlon*	19.0	21.2	1.7	7.7	5.4	0.0	26.1	14.0	0.0	95.1
Tradition*	19.6	14.2	20.4	7.4	3.3	5.4	7.6	3.1	0.8	81.8
Drummond*	11.1	5.3	7.5	5.6	22.9	4.5	0.6	0.5	7.5	65.5
Haybet	4.8	0.6	0.0	19.0	1.6	0.0	14.8	5.4	0.8	47.0
AC Metcalfe	0.0	31.4	0.0	0.0	0.0	0.0	0.0	2.6	0.0	34.0
Bowman	2.9	0.0	0.0	3.2	0.6	0.0	5.0	1.4	0.6	13.7
Westford	0.0	0.0	0.0	3.7	0.0	0.0	7.6	0.0	0.0	11.3
Stander	0.0	0.0	2.8	0.0	4.3	0.0	0.0	0.0	1.8	8.9
Stark	0.0	0.0	0.0	0.6	0.0	0.0	1.8	4.7	0.0	7.1
Other ^{1/2/}	8.2	4.1	1.7	4.6	5.3	0.9	4.6	6.1	1.2	36.7
All Varieties	195.0	255.0	200.0	110.0	160.0	70.0	75.0	75.0	60.0	1,200.0

^{1/} Other includes varieties not listed and unknown varieties. ^{2/} Other state level acreage may not equal the sum of the districts due to rounding. * Recommended in North Dakota for malting by the American Malting Barley Association for 2005.



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