



North Dakota

2008 Wheat Varieties

July 2008

HIGHLIGHTS

Glenn is the leading spring wheat variety in North Dakota for the second year in a row with nearly 1.90 million acres planted statewide. It accounts for 27.9 percent of the 6.80 million acres of spring wheat planted in 2008. Steele-ND ranks second with 9.2 percent of the spring wheat acreage. Freyr represents 8.6 percent of the spring wheat planted and ranks third. Briggs and Alsen rank fourth and fifth, respectively, both with 7.6 percent of the spring wheat acres planted. Howard is sixth with 5.1 percent of the spring wheat acreage. Kelby accounts for 4.1 percent of the spring wheat acreage. The top seven varieties account for 70.1 percent of the spring wheat planted in 2008. North Dakota continues to rank first in spring wheat planted acreage in the United States, with 47.9 percent of the nation's total acreage.

Lebsock and Mountrail maintain their rankings as the top two Durum wheat varieties planted in 2008. Lebsock accounts for 26.7 percent of the Durum wheat planted acreage and Mountrail accounts for 21.0 percent. Ben ranks third in Durum wheat acreage with 10.3 percent, and Divide ranks fourth with 7.6 percent. Pierce is fifth with 7.5 percent of the Durum wheat planted acres. The top five varieties account for 73.1 percent of the Durum acreage in North Dakota. Once again, North Dakota ranks first in Durum wheat planted acreage with 64.0 percent of the nation's estimated 2.66 million acres planted.

Jerry accounts for 50.5 percent of the 2008 winter wheat planted acreage in North Dakota, marking the fifth year as the most popular winter wheat variety. CDC Falcon remains in second place with 13.9 percent of the winter wheat acreage. Jagalene and Wesley rank third and fourth, respectively, with 10.4 and 6.2 percent. The top four varieties account for 81.0 percent of the winter wheat acreage planted in North Dakota.

SURVEY DESCRIPTION

The data in this report are based on a survey of wheat producers conducted during June 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 are produced from 2,436 positive reports by 4,426 respondents. At the district level, the number of reports for minor varieties is generally limited. Thus, yearly fluctuations in the district variety acreage may be the result of sample variation.

North Dakota Wheat Commission and North Dakota State University (NDSU) Agriculture Experiment Station provide supporting funds for this survey. NDSU Extension Service provides variety descriptions. Free copies of this publication are available from the North Dakota Wheat Commission, 4023 State Street, Bismarck, ND 58503-0690; telephone (701) 328-5111.

SPRING WHEAT

Glenn is the top spring wheat variety with 27.9 percent of the 6.80 million acres of spring wheat planted. It is the leading spring wheat variety in every district but the southwest and the southeast. Released in 2005 by NDSU, Glenn has semi-dwarf height, strong straw strength, medium-early maturity, very high test weight and superior milling and baking quality.

Steele-ND ranks second with 9.2 percent of the spring wheat acreage. It is the leading spring wheat planted in the southwest. Released in 2004 by NDSU, Steele-ND has semi-dwarf height, medium straw strength, medium maturity, high test weight and good milling and baking quality.

Freyr ranks third for the second straight year with 8.6 percent of the spring wheat acreage in 2008. Released in 2004 by AgriPro, Freyr has semi-dwarf height, strong straw strength, medium maturity, average test weight and good milling and baking quality.

Briggs ranks fourth in 2008 with 7.6 percent of the spring wheat acreage. It is the top variety in the southeast for the second year in a row. Released in 2002 by South Dakota State University, Briggs has semi-dwarf height, medium straw strength, medium-early maturity, average test weight and average milling and baking quality.

**Spring Wheat Varieties: Percent of Acreage Planted¹
North Dakota, 2004-2008**

Variety	2004	2005	2006	2007	2008	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		1,000
Glenn	0.0	0.0	1.7	20.9	27.9	1,898.6
Steele-ND	0.0	1.4	9.3	9.1	9.2	626.0
Freyr	0.0	1.6	5.9	9.5	8.6	585.3
Briggs	7.6	12.7	14.1	9.2	7.6	517.4
Alsen	28.9	23.1	21.4	15.1	7.6	515.1
Howard	0.0	0.0	0.0	0.9	5.1	347.7
Kelby	0.0	0.0	0.0	0.9	4.1	281.5
Knudson	6.7	6.7	5.4	4.4	4.1	276.1
Reeder	13.3	16.2	11.2	8.8	2.5	173.2
Faller	0.0	0.0	0.0	0.1	2.2	146.6
Choteau	0.0	0.0	0.2	0.8	1.7	113.8
Granite	3.4	7.3	5.5	1.9	1.6	109.7
Dapps	0.0	1.2	3.0	1.4	1.3	91.5
Kuntz	0.0	0.0	0.0	0.1	1.3	90.1
Granger	0.0	0.3	1.5	2.2	1.2	83.4
Traverse	0.0	0.0	0.0	0.1	1.1	77.8
Parshall	7.1	5.8	2.7	1.1	1.0	64.7
Oklee	0.3	1.4	2.5	1.9	0.9	63.2
Grandin	1.5	1.2	0.9	0.7	0.7	45.2
Amidon	1.0	0.8	0.9	0.5	0.6	43.0
Other ²	30.2	20.3	13.8	10.4	9.6	650.1
All Varieties	100.0	100.0	100.0	100.0	100.0	6,800.0

¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

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USDA, National Agricultural Statistics Service, North Dakota Field Office ■ P.O. Box 3166 ■ Fargo, ND 58108-3166
701-239-5306 ■ E-mail: nass-nd@nass.usda.gov ■ Internet: http://www.nass.usda.gov/nd/

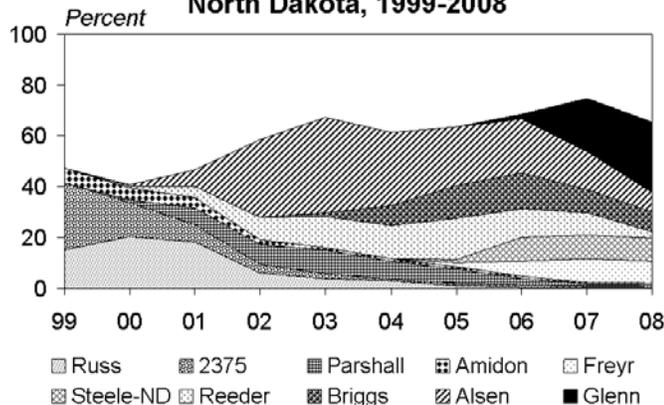
SPRING WHEAT (Continued)

**Spring Wheat Varieties: Percent ¹ and Acreage Planted
North Dakota, 2008**

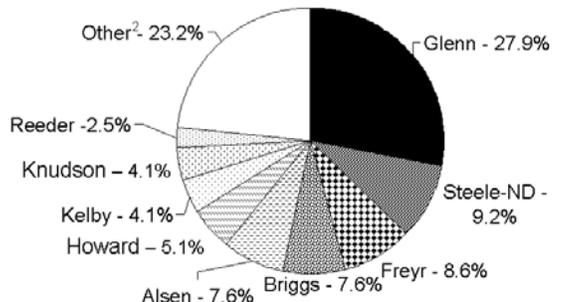
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Glenn	27.4	38.8	32.4	27.5	39.5	27.4	16.6	17.6	17.9	27.9
Steele-ND	17.6	12.5	3.9	6.2	7.1	3.4	18.4	7.7	4.1	9.2
Freyr	17.7	6.4	3.9	14.3	5.8	7.5	7.2	10.4	7.8	8.6
Briggs	0.3	7.1	7.2	1.9	7.3	10.9	5.4	12.6	25.8	7.6
Alsen	8.7	8.7	7.5	14.4	6.9	3.8	4.3	7.2	5.6	7.6
Howard	1.9	4.3	7.6	7.8	3.4	5.7	6.2	2.0	4.1	5.1
Kelby	3.0	2.6	6.5	1.6	5.9	11.0	1.3	0.9	4.5	4.1
Knudson	5.6	6.1	2.4	0.8	3.8	1.7	2.5	11.0	4.3	4.1
Reeder	5.2	0.0	0.0	4.5	0.0	0.0	6.2	7.2	0.1	2.5
Faller	0.4	2.8	5.4	0.5	2.4	3.5	0.4	0.0	0.9	2.2
Choteau	0.0	0.0	0.0	1.8	0.0	0.0	11.6	0.0	0.2	1.7
Granite	1.3	0.1	1.7	1.9	0.7	3.8	0.1	2.2	4.8	1.6
Dapps	0.8	1.5	0.4	2.3	2.3	0.0	1.7	2.3	1.9	1.3
Kuntz	0.1	0.6	3.3	0.5	2.9	2.1	0.2	0.2	0.6	1.3
Granger	0.0	0.3	0.1	0.8	2.3	0.1	3.7	2.9	2.0	1.2
Traverse	0.0	0.0	2.7	0.0	0.4	4.2	0.0	0.4	2.7	1.1
Parshall	0.8	0.3	0.1	1.1	0.0	0.0	3.6	2.1	0.6	1.0
Oklee	0.0	0.0	2.0	0.0	0.3	4.1	0.0	0.0	2.5	0.9
Grandin	0.4	0.9	0.4	1.5	0.0	0.4	0.3	2.2	0.0	0.7
Amidon	1.1	0.4	0.0	1.7	0.3	0.6	0.7	1.3	0.0	0.6
Other ²	7.7	6.4	12.7	9.1	8.8	9.6	9.5	10.0	9.7	9.6
	<i>1,000 Acres</i>									
Glenn	220.7	294.7	463.0	189.6	246.7	148.2	144.2	113.6	77.9	1,898.6
Steele-ND	141.9	94.9	56.3	42.9	44.1	18.5	160.1	49.4	17.9	626.0
Freyr	142.4	48.8	55.4	98.5	36.4	40.5	62.5	66.8	34.0	585.3
Briggs	2.4	54.2	103.3	12.8	45.5	58.9	46.9	81.1	112.3	517.4
Alsen	70.1	66.1	107.5	99.5	42.9	20.3	37.8	46.7	24.2	515.1
Howard	15.3	32.8	108.9	53.7	21.1	30.8	54.3	12.9	17.9	347.7
Kelby	23.9	20.0	93.2	11.1	36.8	59.3	11.5	6.0	19.7	281.5
Knudson	45.0	46.4	34.1	5.6	23.8	9.1	22.1	71.2	18.8	276.1
Reeder	41.8	0.0	0.0	30.9	0.0	0.0	53.7	46.3	0.5	173.2
Faller	3.4	21.1	76.9	3.4	15.3	19.1	3.7	0.0	3.7	146.6
Choteau	0.0	0.0	0.0	12.1	0.2	0.0	100.8	0.0	0.7	113.8
Granite	10.5	1.1	23.7	13.3	4.6	20.6	1.1	14.0	20.8	109.7
Dapps	6.8	11.7	5.8	15.8	14.1	0.0	14.5	14.6	8.2	91.5
Kuntz	0.8	4.2	47.0	3.3	18.0	11.5	1.8	1.1	2.4	90.1
Granger	0.0	2.6	1.0	5.8	14.3	0.6	31.8	18.6	8.7	83.4
Traverse	0.0	0.0	38.3	0.0	2.7	22.8	0.0	2.3	11.7	77.8
Parshall	6.3	2.2	1.2	7.3	0.0	0.1	31.3	13.5	2.8	64.7
Oklee	0.0	0.0	28.0	0.0	2.1	22.3	0.0	0.0	10.8	63.2
Grandin	3.4	7.1	5.4	10.3	0.0	2.1	2.9	14.0	0.0	45.2
Amidon	8.5	3.4	0.0	11.4	1.7	3.4	6.5	8.1	0.0	43.0
Other ²	61.8	48.7	181.0	62.7	54.7	51.9	82.5	64.8	42.0	650.1
All Varieties	805.0	760.0	1,430.0	690.0	625.0	540.0	870.0	645.0	435.0	6,800.0

¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

**Spring Wheat
Select Varieties Planted
North Dakota, 1999-2008**



**Spring Wheat Varieties
Percent ¹ of Acreage Planted
North Dakota, 2008**



¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

DURUM WHEAT

Lebsock is the most popular Durum wheat variety with 26.7 percent of the 1.70 million acres of Durum wheat planted. Lebsock has ranked first among Durum wheat varieties since 2004. A 1999 North Dakota release, Lebsock is characterized by medium height, strong straw strength, medium maturity and good overall quality.

Mountrail ranks second for the fifth year in a row with 21.0 percent of the Durum wheat acreage. For the seventh straight year it is the most popular variety in the northwest district. Released in 1998, Mountrail has medium height, strong straw strength, late maturity and average overall quality.

Ben ranks third with 10.3 percent of the total Durum wheat acreage. Ben has decreased in percentage since 2000. Ben is a 1996 North Dakota release characterized by medium height, strong straw strength, medium maturity and average overall quality.

Divide ranks fourth in Durum acreage planted with 7.6 percent. Released in 2005, Divide has medium height, strong straw strength, medium maturity and excellent overall quality.

Durum Wheat Varieties: Percent of Acreage Planted¹ North Dakota, 2004-2008

Variety	2004	2005	2006	2007	2008	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Lebsock	27.9	28.3	29.7	28.3	26.7	454.2
Mountrail	21.3	25.5	27.3	23.8	21.0	357.7
Ben	20.2	16.4	13.4	11.7	10.3	174.6
Divide	0.0	0.0	0.0	1.7	7.6	129.6
Pierce	2.9	6.4	8.4	13.1	7.5	126.8
Grenora	0.0	0.0	0.0	0.4	3.9	65.8
Maier	3.7	2.6	4.3	2.3	3.8	64.3
Kyle	4.1	4.0	3.0	3.0	2.7	46.0
Dilse	2.0	2.5	4.0	3.8	2.6	43.7
Alkabo	0.0	0.0	0.0	0.7	2.2	36.9
Grande Doro	0.0	0.6	0.2	1.3	1.3	22.2
Plaza	1.1	2.0	0.0	1.4	1.3	21.8
Other ²	16.8	11.7	9.7	8.5	9.2	156.4
All Varieties	100.0	100.0	100.0	100.0	100.0	1,700.0

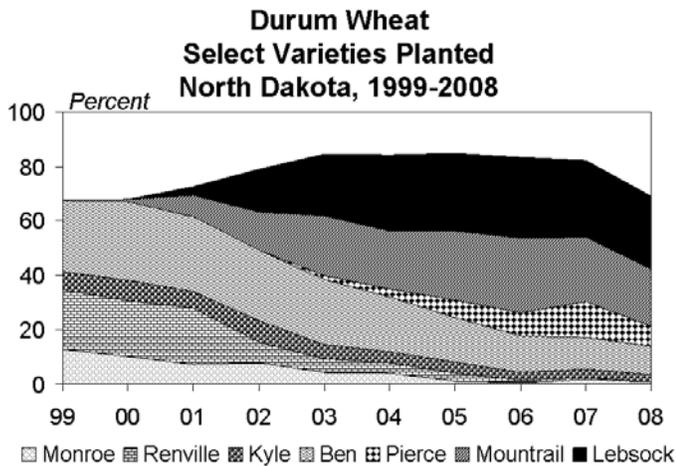
¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

Durum Wheat Varieties: Percent¹ and Acreage Planted North Dakota, 2008

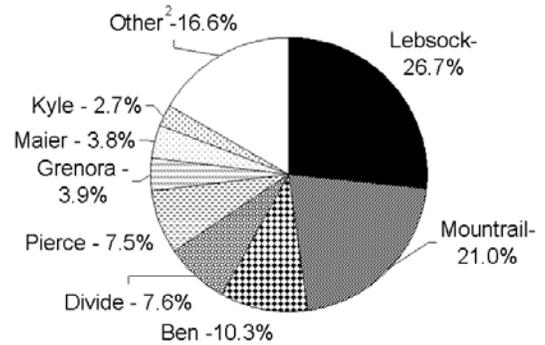
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Lebsock	27.3	27.8	22.3	33.9	15.3	0.0	21.2	0.0	100.0	26.7
Mountrail	29.6	0.0	0.0	9.4	0.0	0.0	3.7	0.0	0.0	21.0
Ben	4.6	0.0	0.0	4.1	25.3	0.0	42.2	5.6	0.0	10.3
Divide	7.7	20.7	27.1	7.7	18.0	0.0	2.5	0.0	0.0	7.6
Pierce	6.1	3.3	3.1	21.8	0.0	0.0	3.5	10.4	0.0	7.5
Grenora	4.7	0.2	6.0	5.2	0.0	0.0	0.5	0.0	0.0	3.9
Maier	2.3	0.0	0.0	2.5	0.0	0.0	8.3	47.2	0.0	3.8
Kyle	4.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	2.7
Dilse	1.9	5.1	0.0	0.7	0.0	0.0	7.0	2.0	0.0	2.6
Alkabo	1.5	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	2.2
Grande Doro	1.1	13.8	3.1	0.0	6.0	0.0	0.0	5.6	0.0	1.3
Plaza	0.1	0.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	1.3
Other ²	8.9	29.1	38.3	5.0	35.3	100.0	3.2	29.2	0.0	9.2
	<i>1,000 Acres</i>									
Lebsock	302.6	12.5	7.8	69.4	2.3	0.0	55.1	0.0	4.5	454.2
Mountrail	328.9	0.0	0.0	19.2	0.0	0.0	9.6	0.0	0.0	357.7
Ben	51.2	0.0	0.0	8.4	3.8	0.0	109.8	1.4	0.0	174.6
Divide	85.8	9.3	9.5	15.7	2.7	0.0	6.6	0.0	0.0	129.6
Pierce	68.0	1.5	1.1	44.6	0.0	0.0	9.0	2.6	0.0	126.8
Grenora	51.7	0.1	2.1	10.6	0.0	0.0	1.3	0.0	0.0	65.8
Maier	25.8	0.0	0.0	5.2	0.0	0.0	21.5	11.8	0.0	64.3
Kyle	45.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	46.0
Dilse	21.4	2.3	0.0	1.4	0.0	0.0	18.1	0.5	0.0	43.7
Alkabo	16.6	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0	36.9
Grande Doro	12.6	6.2	1.1	0.0	0.9	0.0	0.0	1.4	0.0	22.2
Plaza	1.5	0.0	0.0	20.3	0.0	0.0	0.0	0.0	0.0	21.8
Other ²	98.4	13.1	13.4	10.2	5.3	0.5	8.2	7.3	0.0	156.4
All Varieties	1,110.0	45.0	35.0	205.0	15.0	0.5	260.0	25.0	4.5	1,700.0

¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

DURUM WHEAT (Continued)



Durum Wheat Varieties Percent¹ of Acreage Planted North Dakota, 2008



¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

WINTER WHEAT

Jerry is the most popular winter wheat variety with 50.5 percent of the 650,000 acres of winter wheat planted. This marks the fifth year in a row that Jerry has been the top winter wheat variety planted. Released in 2001 by NDSU, Jerry has medium height, strong straw strength, medium maturity and good overall quality.

CDC Falcon ranks second with 13.9 percent of the planted winter wheat acreage. CDC Falcon was released in 2000 and has short height, medium strong straw strength, medium maturity and average overall quality.

Jagalene represents 10.4 percent of the winter wheat planted acreage. Released by AgriPro in 2002, Jagalene has short height, strong straw strength, early maturity, and average overall quality.

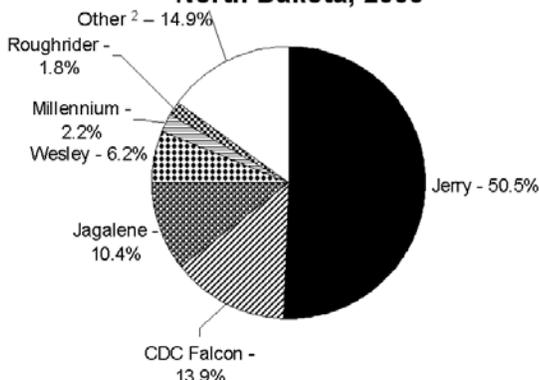
Wesley ranks fourth with 6.2 percent of the winter wheat planted acres. Released in 2000, Nebraska, Wyoming, and South Dakota contributed to the development of this variety. Wesley has short height, medium-strong straw strength, medium-early maturity and average overall quality.

Winter Wheat Varieties: Percent of Acreage Planted¹ North Dakota, 2004-2008

Variety	2004	2005	2006	2007	2008	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Jerry	28.3	32.6	32.4	43.8	50.5	328.5
CDC Falcon	2.1	15.0	24.0	15.1	13.9	90.6
Jagalene	0.0	9.5	8.7	12.5	10.4	67.6
Wesley	9.0	6.4	11.6	7.9	6.2	40.1
Millennium	0.0	2.4	3.4	3.2	2.2	14.3
Roughrider	6.2	2.8	2.1	2.5	1.8	11.4
Harding	3.5	3.0	1.3	1.0	0.7	4.3
Ransom	7.3	6.2	1.1	0.9	0.5	3.5
CDC Buteo	0.0	0.0	0.0	0.0	0.5	3.5
Arapahoe	4.0	1.3	2.4	0.6	0.5	3.4
Other ²	39.6	20.8	13.0	12.5	12.7	82.8
All Varieties	100.0	100.0	100.0	100.0	100.0	650.0

¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

Winter Wheat Varieties Percent¹ of Acreage Planted North Dakota, 2008



¹ Percentages may not add to 100 due to rounding. ² Other includes varieties not listed and unknown varieties.

North Dakota Agricultural Statistics Districts

