



North Dakota

2007 Wheat Varieties

July 2007

HIGHLIGHTS

Glenn is the leading spring wheat variety in North Dakota with over 1.30 million acres planted statewide. Released in 2005, it accounts for 20.9 percent of the 6.30 million acres of spring wheat planted in 2007. Alsen ranks second with 15.1 percent of the spring wheat acreage. Freyr and Briggs rank third and fourth, respectively. The top three varieties all have a high level of Fusarium head blight tolerance. Steele-ND ranks fifth with 9.1 percent of the spring wheat acreage. Reeder drops three places to sixth place. These top six varieties account for 72.6 percent of the spring wheat planted in 2007. North Dakota continues to rank first in spring wheat planted acreage in the United States with 47.9 percent of the nation's total.

Lebsock and Mountrail maintain their rankings as the top two durum wheat varieties planted in 2007; however, their combined share of the total has decreased from 57.0 percent in 2006 to 52.1 percent in 2007. Pierce continues to increase its share of the durum wheat acreage and moves up to third statewide, while Ben drops one spot to fourth. These four varieties account for 76.9 percent of the durum acreage in North Dakota. Once again, North Dakota ranks first in durum wheat planted acreage with 67.4 percent of the nation's 2.23 million acres planted.

Jerry accounts for 43.8 percent of the 2007 winter wheat acreage in North Dakota, leading for the fourth straight year. CDC Falcon remains in second place, but decreased from 24.0 percent in 2006 to 15.1 percent in 2007. Jagalene and Wesley rank third and fourth, respectively, switching positions from last year. The top four varieties account for 79.3 percent of the acreage planted in North Dakota.

SURVEY DESCRIPTION

The data in this report are based on a survey of wheat 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 1,921 positive reports by 3,949 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.

The North Dakota Wheat Commission and the North Dakota State University (NDSU) Agriculture Experiment Station provided supporting funds for this survey. The NDSU Extension Service provided 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 20.9 percent of the 6.30 million acres of spring wheat planted. It leads in the northwest, northeast, central and east central districts. Released in 2005 by the North Dakota Agricultural Experiment Station, Glenn is medium-tall with good straw strength, good disease resistance, and medium-early maturity. It has excellent milling and baking qualities.

Alsen, after five years as the leading spring wheat variety in North Dakota, ranks second with 15.1 percent of the spring wheat acreage. Alsen is the top variety in the north central and west central districts. A 2000 North Dakota release, Alsen has semi-dwarf height, strong straw strength, medium-early maturity, and high test weight.

Freyr moves up from fifth place in 2006 to third in 2007 with 9.5 percent of the spring wheat acreage. Released in 2004 by AgriPro, Freyr has semi-dwarf height, strong straw strength, and medium maturity.

Briggs drops from second place in 2006 to fourth place in 2007 with 9.2 percent of the spring wheat acreage. It is the top variety in the southeast district. Released in 2002 by South Dakota State University, Briggs has semi-dwarf height, strong straw strength, and medium-early maturity.

Spring Wheat Varieties: Percent of Acreage Planted North Dakota, 2003-2007

Variety	2003	2004	2005	2006	2007	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Glenn	0.0	0.0	0.0	1.7	20.9	1,313.6
Alsen	37.4	28.9	23.1	21.4	15.1	951.4
Freyr	0.0	0.0	1.6	5.9	9.5	598.9
Briggs	1.5	7.6	12.7	14.1	9.2	580.7
Steele-ND	0.0	0.0	1.4	9.3	9.1	574.1
Reeder	12.4	13.3	16.2	11.2	8.8	557.0
Knudson	1.0	6.7	6.7	5.4	4.4	279.3
Granger	0.0	0.0	0.3	1.5	2.2	139.6
Oklee	0.0	0.3	1.4	2.5	1.9	121.3
Granite	0.6	3.4	7.3	5.5	1.9	119.7
Dapps	0.0	0.0	1.2	3.0	1.4	86.8
Parshall	9.4	7.1	5.8	2.7	1.1	68.3
Norpro	5.4	4.6	3.2	1.5	1.0	61.7
Oxen	5.9	4.4	2.6	1.1	1.0	61.1
Kelby	0.0	0.0	0.0	0.0	0.9	58.7
Hanna	0.3	0.9	1.6	1.2	0.9	57.6
Howard	0.0	0.0	0.0	0.0	0.9	56.6
Banton	0.0	0.0	0.2	0.6	0.8	52.4
Choteau	0.0	0.0	0.0	0.2	0.8	50.5
Grandin	1.8	1.5	1.2	0.9	0.7	42.5
Trooper	0.0	0.0	0.7	1.2	0.6	39.2
Amidon	0.9	1.0	0.8	0.9	0.5	29.3
Other ¹	23.4	20.3	12.0	8.2	6.4	399.7
All Varieties	100.0	100.0	100.0	100.0	100.0	6,300.0

¹ Other includes varieties not listed and unknown varieties.

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701-239-5306 ■ E-mail: nass-nd@nass.usda.gov ■ Internet: http://www.nass.usda.gov/Statistics_by_State/North_Dakota/

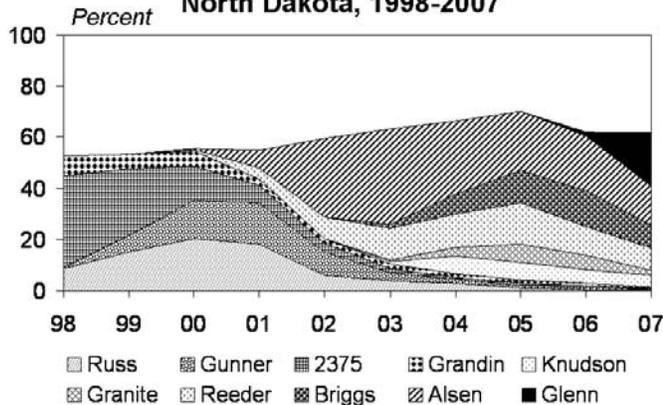
SPRING WHEAT (Continued)

**Spring Wheat Varieties: Percent and Acreage Planted
North Dakota, 2007**

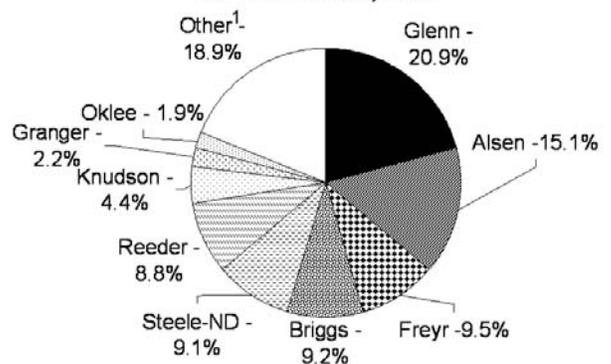
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Glenn	21.7	22.0	27.7	13.1	40.5	33.6	5.8	7.5	15.3	20.9
Alsen	21.5	27.5	15.9	23.6	15.4	11.0	1.4	7.4	11.7	15.1
Freyr	13.5	7.1	6.3	11.9	7.2	11.9	15.3	5.9	7.0	9.5
Briggs	1.7	9.5	11.9	2.2	9.3	8.5	6.7	11.6	25.9	9.2
Steele-ND	15.5	14.9	6.5	7.9	7.0	2.6	11.9	9.3	4.0	9.1
Reeder	8.6	0.2	0.1	13.0	0.1	0.0	28.9	26.0	2.0	8.8
Knudson	4.4	8.6	4.0	4.8	6.5	4.2	0.6	4.7	2.5	4.4
Granger	0.4	0.3	0.5	3.7	2.7	1.3	6.3	1.9	4.5	2.2
Oklee	0.0	0.2	4.0	0.0	0.1	8.5	0.0	0.0	5.2	1.9
Granite	0.4	1.9	3.1	2.9	1.0	5.8	0.0	0.1	1.8	1.9
Dapps	1.6	1.9	2.5	0.8	0.9	0.0	0.6	1.6	1.5	1.4
Parshall	0.7	0.3	0.1	2.1	0.0	0.0	3.7	2.5	0.0	1.1
Norpro	1.4	0.2	0.0	2.7	0.0	0.0	2.5	0.3	2.5	1.0
Oxen	0.3	0.0	0.0	2.4	0.0	0.1	0.4	5.4	1.4	1.0
Kelby	0.9	0.1	0.8	0.1	2.0	3.0	0.9	0.2	1.4	0.9
Hanna	1.1	3.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Howard	0.5	0.6	1.9	1.7	0.3	0.5	0.4	0.2	1.5	0.9
Banton	0.3	0.2	2.4	0.0	0.0	2.9	0.0	0.0	0.3	0.8
Choteau	0.0	0.0	0.0	0.1	0.4	0.0	4.9	0.8	0.3	0.8
Grandin	0.3	0.0	0.1	1.5	1.0	0.1	1.5	1.6	0.1	0.7
Trooper	0.3	0.0	2.0	0.0	0.6	0.6	0.0	0.0	1.2	0.6
Amidon	2.1	0.0	0.0	0.5	0.7	0.0	0.3	0.8	0.0	0.5
Other ¹	2.8	1.3	8.1	5.0	4.3	5.4	7.9	12.2	9.9	6.4
	<i>1,000 Acres</i>									
Glenn	146.7	160.6	354.1	83.1	227.0	184.9	48.7	46.7	61.8	1,313.6
Alsen	145.4	201.0	203.8	149.5	86.0	60.6	12.2	45.6	47.3	951.4
Freyr	90.9	51.9	80.9	75.6	40.1	65.3	129.3	36.6	28.3	598.9
Briggs	11.6	69.7	152.8	14.1	52.1	47.0	56.8	71.9	104.7	580.7
Steele-ND	104.8	108.4	82.6	50.3	39.3	14.4	100.5	57.5	16.3	574.1
Reeder	57.7	1.1	1.7	82.5	0.3	0.0	244.5	161.0	8.2	557.0
Knudson	30.0	63.1	51.5	30.5	36.4	23.2	5.0	29.4	10.2	279.3
Granger	2.6	2.0	6.2	23.5	15.3	7.2	52.9	11.8	18.1	139.6
Oklee	0.0	1.4	51.6	0.0	0.6	46.6	0.0	0.0	21.1	121.3
Granite	2.4	13.9	39.2	18.3	5.8	32.0	0.0	0.9	7.2	119.7
Dapps	11.0	13.5	31.4	4.9	4.9	0.0	5.3	9.7	6.1	86.8
Parshall	4.7	2.2	1.9	13.0	0.0	0.2	31.0	15.3	0.0	68.3
Norpro	9.1	1.7	0.0	17.4	0.0	0.0	21.4	1.8	10.3	61.7
Oxen	2.1	0.0	0.0	15.3	0.0	0.7	3.8	33.5	5.7	61.1
Kelby	5.8	0.6	9.8	0.8	11.1	16.5	7.2	1.3	5.6	58.7
Hanna	7.7	23.3	26.6	0.0	0.0	0.0	0.0	0.0	0.0	57.6
Howard	3.1	4.5	24.2	10.6	1.4	2.5	3.2	1.0	6.1	56.6
Banton	2.1	1.8	31.4	0.0	0.0	15.8	0.0	0.0	1.3	52.4
Choteau	0.0	0.0	0.0	0.7	2.1	0.0	41.3	5.1	1.3	50.5
Grandin	2.3	0.0	1.1	9.7	5.8	0.6	12.5	10.1	0.4	42.5
Trooper	2.0	0.0	25.8	0.0	3.6	3.0	0.0	0.0	4.8	39.2
Amidon	14.2	0.0	0.0	3.4	4.1	0.0	2.5	5.1	0.0	29.3
Other ¹	18.8	9.3	103.4	31.8	24.1	29.5	66.9	75.7	40.2	399.7
All Varieties	675.0	730.0	1,280.0	635.0	560.0	550.0	845.0	620.0	405.0	6,300.0

¹ Other includes varieties not listed and unknown varieties.

**Spring Wheat
Select Varieties Planted
North Dakota, 1998-2007**



**Spring Wheat Varieties
Percent of Acreage Planted
North Dakota, 2007**



¹ Other includes varieties not listed and unknown varieties.

DURUM WHEAT

Lebsock is the most popular durum wheat variety with 28.3 percent of the 1.50 million acres of durum wheat planted. Lebsock has ranked first among durum wheat varieties since 2004. A 1999 release, Lebsock is characterized by medium height, strong straw strength, medium maturity, and good overall quality.

Mountrail ranks second for the fourth year in a row with 23.8 percent of the durum wheat acreage. For the sixth straight year, it is the most popular variety in the northwest district. This late maturing 1998 release is of medium height, strong straw strength, and average overall quality.

Pierce moves from fourth to third with 13.1 percent of the total durum acreage. It is steadily increasing its share of the durum acreage since 2003. Released in 2001, Pierce is described as medium in height with medium-strong straw strength, medium maturity, and excellent overall quality.

Ben ranks fourth in durum acreage planted with 11.7 percent, decreasing its share of durum wheat annually since 2000. Ben is a 1996 release with medium height, strong straw strength, medium maturity, and good overall quality.

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

Variety	2003	2004	2005	2006	2007	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Lebsock	22.9	27.9	28.3	29.7	28.3	425.2
Mountrail	21.8	21.3	25.5	27.3	23.8	357.3
Pierce	1.5	2.9	6.4	8.4	13.1	196.4
Ben	23.8	20.2	16.4	13.4	11.7	175.1
Dilse	0.6	2.0	2.5	4.0	3.8	56.7
Kyle	5.3	4.1	4.0	3.0	3.0	44.5
Maier	3.1	3.7	2.6	4.3	2.3	34.2
Divide	0.0	0.0	0.0	0.0	1.7	26.0
Monroe	4.3	4.2	1.1	0.7	1.7	26.0
Plaza	2.0	1.1	2.0	0.1	1.4	21.1
Grande Doro	0.0	0.0	0.6	0.2	1.3	19.5
Primo Doro	0.0	0.0	0.1	1.5	1.0	14.3
Other ¹	14.7	12.6	10.5	7.4	6.9	103.7
All Varieties	100.0	100.0	100.0	100.0	100.0	1,500.0

¹ Other includes varieties not listed and unknown varieties.

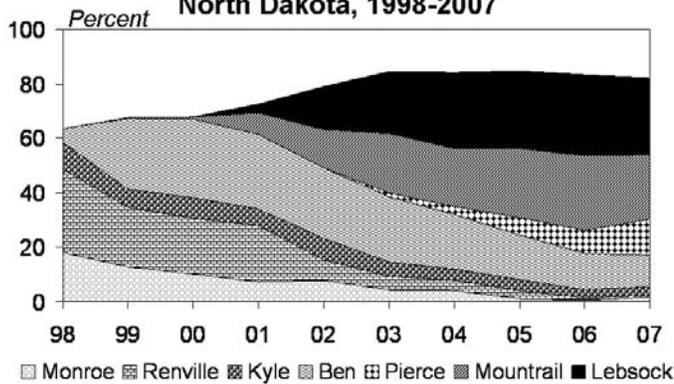
**Durum Wheat Varieties: Percent and Acreage Planted
North Dakota, 2007**

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Lebsock	28.8	36.4	38.8	22.8	94.7	0.0	19.3	69.7	100.0	28.3
Mountrail	31.6	0.0	0.0	17.7	0.0	0.0	1.2	10.3	0.0	23.8
Pierce	14.5	12.2	0.0	21.8	0.0	0.0	0.9	0.0	0.0	13.1
Ben	5.1	0.0	0.0	2.4	0.0	100.0	58.0	16.1	0.0	11.7
Dilse	4.2	0.0	0.0	1.3	0.0	0.0	6.1	0.0	0.0	3.8
Kyle	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
Maier	0.5	0.0	0.0	11.9	0.0	0.0	3.3	0.0	0.0	2.3
Divide	1.0	6.2	31.2	3.6	2.7	0.0	0.4	0.0	0.0	1.7
Monroe	1.1	0.0	0.0	7.4	0.0	0.0	0.0	3.9	0.0	1.7
Plaza	0.7	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	1.4
Grande Doro	0.8	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Primo Doro	0.8	5.4	20.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Other ¹	6.5	16.0	10.0	3.6	2.6	0.0	10.8	0.0	0.0	6.9
	<i>1,000 Acres</i>									
Lebsock	290.9	18.2	6.2	43.3	14.2	0.0	38.6	10.8	3.0	425.2
Mountrail	319.7	0.0	0.0	33.6	0.0	0.0	2.4	1.6	0.0	357.3
Pierce	147.0	6.1	0.0	41.5	0.0	0.0	1.8	0.0	0.0	196.4
Ben	51.4	0.0	0.0	4.6	0.0	0.5	116.1	2.5	0.0	175.1
Dilse	42.0	0.0	0.0	2.5	0.0	0.0	12.2	0.0	0.0	56.7
Kyle	44.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.5
Maier	5.1	0.0	0.0	22.5	0.0	0.0	6.6	0.0	0.0	34.2
Divide	9.8	3.1	5.0	6.9	0.4	0.0	0.8	0.0	0.0	26.0
Monroe	11.4	0.0	0.0	14.0	0.0	0.0	0.0	0.6	0.0	26.0
Plaza	6.8	0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	21.1
Grande Doro	8.1	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5
Primo Doro	8.4	2.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	14.3
Other ¹	65.4	8.0	1.6	6.8	0.4	0.0	21.5	0.0	0.0	103.7
All Varieties	1,010.0	50.0	16.0	190.0	15.0	0.5	200.0	15.5	3.0	1,500.0

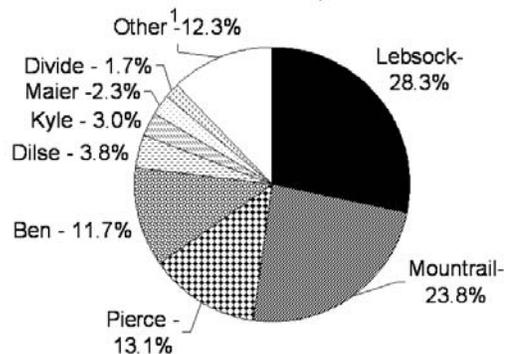
¹ Other includes varieties not listed and unknown varieties.

DURUM WHEAT (Continued)

**Durum Wheat
Select Varieties Planted
North Dakota, 1998-2007**



**Durum Wheat Varieties
Percent of Acreage Planted
North Dakota, 2007**



¹ Other includes varieties not listed and unknown varieties.

WINTER WHEAT

Jerry is the most popular winter wheat variety with 43.8 percent of the 370,000 acres of winter wheat planted. This marks the fourth year in a row that Jerry has been the top winter wheat variety planted. Released in 2001 by North Dakota, Jerry has medium height, strong straw strength, medium maturity, and good winter hardiness.

CDC Falcon places second with 15.1 percent of the planted winter wheat acreage. It is a short variety, with medium-strong straw strength, medium maturity, and good winter hardiness. The University of Saskatchewan and Western Plant Breeders combined to release CDC Falcon in 2002.

Jagalene moves up one place to third with 12.5 percent of the winter wheat acreage. It is the primary winter wheat variety planted in the west central district. Released by AgriPro in 2002, Jagalene has short height, strong straw strength, early maturity, and fair winter hardiness.

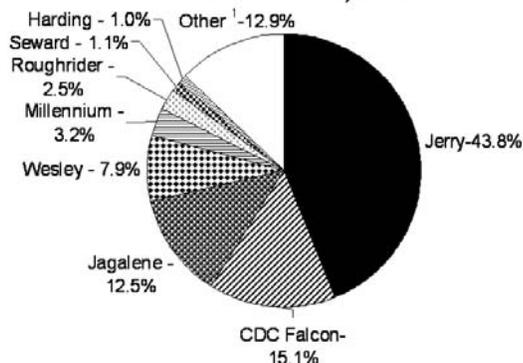
Wesley falls to fourth in 2007 with 7.9 percent of the winter wheat acreage. Released in 2000, Nebraska, Wyoming, and South Dakota contributed to the development of this variety. Wesley has short height, medium-strong straw strength, medium-early maturity and fair winter hardiness.

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

Variety	2003	2004	2005	2006	2007	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Jerry	9.5	28.3	32.6	32.4	43.8	162.1
CDC Falcon	0.0	2.1	15.0	24.0	15.1	55.7
Jagalene	0.0	0.0	9.5	8.7	12.5	46.2
Wesley	9.1	9.0	6.4	11.6	7.9	29.3
Millennium	0.0	0.0	2.4	3.4	3.2	11.7
Roughrider	10.6	6.2	2.8	2.1	2.5	9.1
Seward	8.2	1.4	1.7	0.0	1.1	3.9
Harding	5.4	3.5	3.0	1.3	1.0	3.8
Ransom	16.2	7.3	6.2	1.1	0.9	3.5
Other ¹	41.0	42.2	20.4	15.4	12.0	44.7
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0

¹ Other includes varieties not listed and unknown varieties.

**Winter Wheat Varieties
Percent of Acreage Planted
North Dakota, 2007**



¹ Other includes varieties not listed and unknown varieties.

**North Dakota
Agricultural Statistics Districts**

