



North Dakota

2006 Wheat Varieties

July 2006

HIGHLIGHTS

Alsen is the leading spring wheat variety in North Dakota for the fifth consecutive year with 21.4 percent of the total spring wheat planted acreage in 2006. It is planted on almost 1.5 million acres. Briggs claims second place this year, knocking Reeder down to third place. Steele-ND jumps from eleventh in 2005 to fourth. Freyr comes in fifth and Granite falls to sixth, from fourth last year. Knudson is seventh this year, falling from fifth in 2005. These top seven varieties account for 72.8 percent of the planted acreage. North Dakota continues to rank first in spring wheat planted acreage in the United States, with 48 percent of the nation's total.

Lebsock, Mountrail and Ben keep their three durum planted acreage rankings in order, first to third. These top three varieties make up 70.4 percent of North Dakota's durum planted acreage. Pierce remains in fourth place this year. Maier and Dilse each jump two places ranking fifth and sixth respectively. The six leading durum varieties are all North Dakota releases. Once again, North Dakota ranks first in durum planted acreage in the United States, with 69 percent of the nation's total.

Jerry has 32.4 percent of the 2006 winter wheat acreage in North Dakota, leading for the third straight year. CDC Falcon remains in second place while increasing its share of the winter wheat acreage. Wesley jumps one spot to claim third place, knocking Jagalene down to fourth place. Crimson is the fifth most popular winter wheat variety this year. These top five varieties account for 80.2 percent of the planted acreage.

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 1,694 positive reports by 3,316 respondents. At the district level, the number of reports for minor varieties is generally limited. Henceforth, some yearly variation 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

Alsen holds onto its first place ranking for spring wheat varieties with 21.4 percent of the planted acres. It leads in the west central, central, and all three northern districts. A 2000 North Dakota release, Alsen has semi-dwarf height, strong straw strength, medium-early maturity rate, and high test weight.

Briggs is second in the state with 14.1 percent of the spring wheat acreage. It is a 2002 South Dakota release with semi-dwarf height, strong straw strength, medium-early maturity rate and leaf rust resistance.

Reeder places third overall, falling from a long run in second place in previous years. It leads the southwest and south central districts, with 11.2 percent of the statewide planted acreage. This 1999 North Dakota release has semi-dwarf height, strong straw strength, medium-early maturity rate and high test weight.

Steele-ND ranks fourth with 9.3 percent of the planted acreage. The 2004 North Dakota release has semi-dwarf height, medium straw strength, medium maturity rate, and high test weight.

**Spring Wheat 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>		1,000
Alsen	30.8	37.4	28.9	23.1	21.4	1,497.7
Briggs	0.0	1.5	7.6	12.7	14.1	989.3
Reeder	8.6	12.4	13.3	16.2	11.2	780.6
Steele-ND	0.0	0.0	0.0	1.4	9.3	649.4
Freyr	0.0	0.0	0.0	1.6	5.9	410.5
Granite	0.0	0.6	3.4	7.3	5.5	381.7
Knudson	0.1	1.0	6.7	6.7	5.4	374.8
Dapps	0.0	0.0	0.0	1.2	3.0	212.7
Parshall	7.9	9.4	7.1	5.8	2.7	189.7
Oklee	0.0	0.0	0.3	1.4	2.5	178.4
Glenn	0.0	0.0	0.0	0.0	1.7	116.5
Granger	0.0	0.0	0.0	0.3	1.5	105.6
Norpro	3.1	5.4	4.6	3.2	1.5	102.6
Hanna	0.0	0.3	0.9	1.6	1.2	86.4
Trooper	0.0	0.0	0.0	0.7	1.2	83.2
Oxen	7.6	5.9	4.4	2.6	1.1	77.1
Grandin	1.6	1.8	1.5	1.2	0.9	63.7
Amidon	1.8	0.9	1.0	0.8	0.9	63.0
2375	3.4	1.8	0.7	0.9	0.8	56.0
Gunner	9.1	3.0	1.7	1.1	0.7	48.0
Banton	0.0	0.0	0.0	0.2	0.6	39.2
Russ	6.0	3.7	2.7	0.9	0.4	31.1
Other ^{1/}	20.0	14.9	15.1	9.1	6.5	462.8
All Varieties	100.0	100.0	100.0	100.0	100.0	7,000.0

^{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/

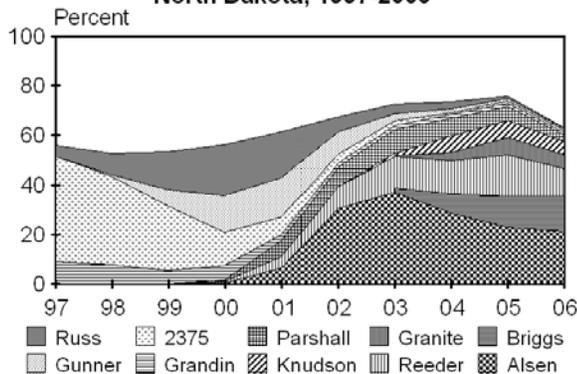
SPRING WHEAT (Continued)

**Spring Wheat Varieties: Percent and Acreage Planted
North Dakota, 2006**

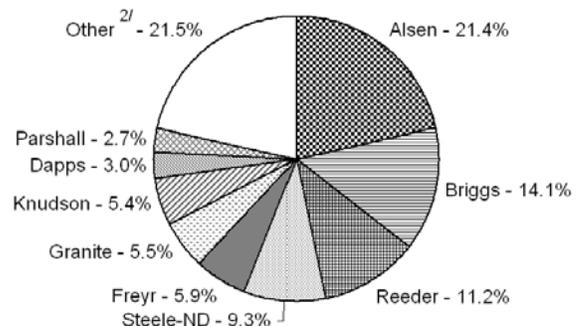
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Alsen	30.7	36.4	27.1	26.8	29.1	18.0	7.0	6.4	10.4	21.4
Briggs	1.0	11.0	18.5	2.5	20.8	18.4	5.9	11.4	33.0	14.1
Reeder	8.9	2.6	0.1	19.2	2.2	0.2	43.7	24.9	3.5	11.2
Steele-ND	22.6	12.6	5.8	6.5	9.8	4.9	13.3	7.2	4.9	9.3
Freyr	6.5	4.2	6.0	5.8	6.0	11.7	3.3	2.2	6.8	5.9
Granite	1.5	1.6	11.4	0.1	4.3	11.7	0.1	4.3	6.7	5.5
Knudson	6.4	7.1	3.9	3.3	8.5	5.8	1.4	9.1	5.3	5.4
Dapps	1.7	8.1	2.4	4.0	0.9	0.0	3.9	3.3	4.4	3.0
Parshall	6.3	3.5	1.5	7.8	0.4	2.4	1.9	3.1	0.0	2.7
Oklee	0.0	0.0	5.7	0.0	3.1	8.6	0.0	0.0	1.1	2.5
Glenn	1.5	1.5	1.9	1.0	3.1	3.5	0.4	0.6	1.1	1.7
Granger	0.0	0.2	0.7	0.0	3.4	1.2	2.3	0.9	5.6	1.5
Norpro	0.0	0.0	0.5	5.0	1.6	0.0	3.2	1.4	2.8	1.5
Hanna	4.0	2.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Trooper	0.0	0.4	3.4	0.0	0.7	1.6	0.0	0.0	2.3	1.2
Oxen	0.0	0.0	0.0	2.7	0.0	2.2	0.0	4.8	1.8	1.1
Grandin	0.9	0.3	0.8	2.4	0.5	0.1	0.8	0.4	2.7	0.9
Amidon	1.2	0.4	0.7	1.4	0.8	0.0	1.0	2.0	0.9	0.9
2375	0.5	0.2	0.7	0.8	0.0	1.8	0.8	2.1	0.1	0.8
Gunner	0.8	0.6	0.0	0.9	0.1	0.2	2.0	2.0	0.0	0.7
Banton	0.0	0.0	1.8	0.0	0.0	1.4	0.1	0.0	0.0	0.6
Russ	0.0	0.3	0.3	0.2	0.0	0.6	0.0	2.8	0.0	0.4
Other ^{1/}	5.5	6.2	3.9	9.6	4.7	5.7	8.9	11.1	6.6	6.5
	<i>1,000 Acres</i>									
Alsen	190.2	243.8	393.6	158.1	198.0	143.4	61.7	43.8	65.1	1,497.7
Briggs	6.4	73.4	269.9	15.0	141.4	146.6	52.2	78.1	206.3	989.3
Reeder	54.9	17.7	1.2	113.0	14.7	1.2	384.9	170.9	22.1	780.6
Steele-ND	140.4	84.2	83.7	38.1	66.8	39.1	117.0	49.6	30.5	649.4
Freyr	40.3	28.0	87.6	34.1	40.8	92.9	29.3	15.3	42.2	410.5
Granite	9.0	11.0	165.7	0.5	29.5	93.3	1.3	29.7	41.7	381.7
Knudson	39.9	47.3	56.7	19.2	58.0	46.4	11.9	62.5	32.9	374.8
Dapps	10.3	54.4	34.4	23.7	5.9	0.0	34.5	22.3	27.2	212.7
Parshall	39.2	23.5	21.4	45.8	2.4	19.1	16.8	21.5	0.0	189.7
Oklee	0.0	0.0	82.4	0.0	21.2	68.1	0.0	0.0	6.7	178.4
Glenn	9.6	10.2	28.1	6.1	20.9	27.9	3.2	3.8	6.7	116.5
Granger	0.0	1.4	9.5	0.0	23.1	9.6	20.4	6.4	35.2	105.6
Norpro	0.0	0.3	6.8	29.4	10.6	0.0	27.8	9.9	17.8	102.6
Hanna	24.9	18.5	42.8	0.0	0.2	0.0	0.0	0.0	0.0	86.4
Trooper	0.0	2.4	49.2	0.0	4.7	12.6	0.0	0.0	14.3	83.2
Oxen	0.0	0.0	0.0	15.9	0.0	17.1	0.0	32.8	11.3	77.1
Grandin	5.6	2.0	11.4	14.3	3.4	0.8	6.6	2.8	16.8	63.7
Amidon	7.6	2.9	9.7	8.4	5.7	0.0	9.1	13.8	5.8	63.0
2375	3.1	1.5	9.7	5.0	0.0	14.7	6.6	14.6	0.8	56.0
Gunner	5.0	4.0	0.0	5.5	0.8	1.4	17.5	13.8	0.0	48.0
Banton	0.0	0.0	26.6	0.0	0.3	11.4	0.7	0.0	0.2	39.2
Russ	0.0	1.8	4.5	1.0	0.0	4.5	0.0	19.3	0.0	31.1
Other ^{1/2/}	33.6	41.7	60.1	56.9	31.6	44.9	78.5	74.1	41.4	462.8
All Varieties	620.0	670.0	1,455.0	590.0	680.0	795.0	880.0	685.0	625.0	7,000.0

^{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.

**Spring Wheat
Select Varieties Planted
North Dakota, 1997-2006**



**Spring Wheat Varieties
Percent of Acreage Planted
North Dakota, 2006 ^{1/}**



^{1/} Percentages may not add due to rounding. ^{2/} Other includes other varieties not listed and unknown varieties.

DURUM WHEAT

Lebsock is first among durum wheat varieties planted in North Dakota for 2006 with 29.7 percent of the planted acreage. A 1999 release, Lebsock is characterized by medium height, strong straw strength, medium maturity, and good overall quality.

Mountrail ranks second overall with 27.3 percent of the durum acreage. It leads the northwest district for the fifth straight year. This late maturing 1998 release is of medium height with strong straw strength and average overall quality.

Ben is third in the state with 13.4 percent of the durum acreage, leading the southwest district. It is a 1996 release with medium height, strong straw strength, medium maturity, and excellent overall quality.

Pierce places fourth, increasing its share to 8.4 percent of this year's planted acreage. This 2001 variety is described as medium in height, with medium-strong straw strength, medium maturity, and good overall quality.

**Durum 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>
Lebsock	15.8	22.9	27.9	28.3	29.7	386.1
Mountrail	14.0	21.8	21.3	25.5	27.3	354.3
Ben	26.0	23.8	20.2	16.4	13.4	174.5
Pierce	0.0	1.5	2.9	6.4	8.4	109.4
Maier	3.2	3.1	3.7	2.6	4.3	56.0
Dilse	0.0	0.6	2.0	2.5	4.0	52.3
Kyle	7.8	5.3	4.1	4.0	3.0	38.9
Munich	4.2	2.7	1.4	1.9	2.6	34.0
Primo Doro	0.0	0.0	0.0	0.1	1.5	19.4
Renville	7.6	5.0	3.7	3.0	0.8	10.7
Monroe	7.8	4.3	4.2	1.1	0.7	8.6
Medora	0.4	0.3	0.2	0.0	0.5	6.7
Vic	2.5	0.9	1.5	1.2	0.4	5.5
Grande Doro	0.0	0.0	0.0	0.6	0.2	2.5
Other ^{1/}	10.7	7.8	7.0	6.4	3.2	41.1
All Varieties	100.0	100.0	100.0	100.0	100.0	1,300.0

^{1/} Other includes varieties not listed and unknown varieties.

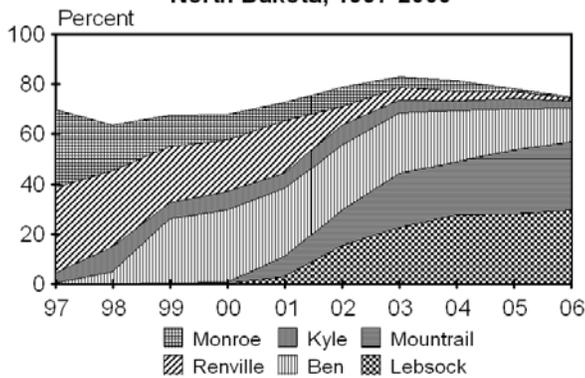
**Durum Varieties: Percent and Acreage Planted
North Dakota, 2006**

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Lebsock	29.8	34.1	83.8	31.2	65.4	0.0	13.2	55.8	0.0	29.7
Mountrail	38.2	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	27.3
Ben	5.9	1.9	16.2	11.2	6.9	0.0	59.3	16.8	0.0	13.4
Pierce	6.7	2.9	0.0	26.6	22.3	0.0	0.7	0.0	0.0	8.4
Maier	3.9	0.0	0.0	1.9	0.0	0.0	12.4	0.0	0.0	4.3
Dilse	4.5	0.0	0.0	1.6	0.0	0.0	7.5	0.0	0.0	4.0
Kyle	3.7	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	3.0
Munich	0.8	46.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
Primo Doro	1.2	7.8	0.0	0.0	0.0	0.0	0.0	27.4	0.0	1.5
Renville	1.1	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.8
Monroe	0.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7
Medora	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Vic	0.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.4
Grande Doro	0.2	1.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Other ^{1/}	1.7	5.4	0.0	2.4	5.4	100.0	6.9	0.0	100.0	3.2
	<i>1,000 Acres</i>									
Lebsock	249.6	19.8	20.1	56.1	8.5	0.0	21.4	10.6	0.0	386.1
Mountrail	320.5	0.0	0.0	33.8	0.0	0.0	0.0	0.0	0.0	354.3
Ben	49.3	1.1	3.9	20.1	0.9	0.0	96.0	3.2	0.0	174.5
Pierce	55.8	1.7	0.0	47.9	2.9	0.0	1.1	0.0	0.0	109.4
Maier	32.4	0.0	0.0	3.5	0.0	0.0	20.1	0.0	0.0	56.0
Dilse	37.3	0.0	0.0	2.9	0.0	0.0	12.1	0.0	0.0	52.3
Kyle	30.8	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	38.9
Munich	6.8	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
Primo Doro	9.7	4.5	0.0	0.0	0.0	0.0	0.0	5.2	0.0	19.4
Renville	9.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	10.7
Monroe	7.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	8.6
Medora	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
Vic	5.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	5.5
Grande Doro	1.5	0.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2.5
Other ^{1/2/}	15.6	3.1	0.0	4.4	0.7	0.6	11.3	0.0	5.4	41.1
All Varieties	838.0	58.0	24.0	180.0	13.0	0.6	162.0	19.0	5.4	1,300.0

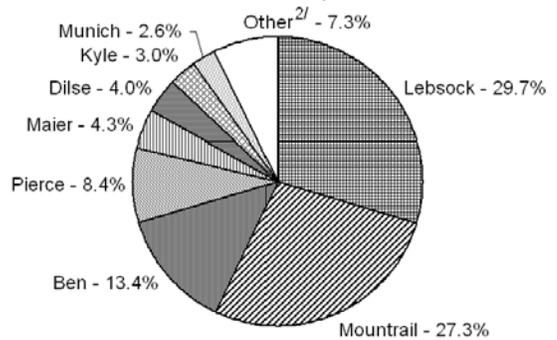
^{1/} Other includes varieties not listed and unknown varieties. ^{2/} Other state level acreage may not equal the sum of the districts due to rounding.

DURUM WHEAT (Continued)

**Durum Wheat
Select Varieties Planted
North Dakota, 1997-2006**



**Durum Wheat Varieties
Percent of Acreage Planted
North Dakota, 2006^{1/}**



^{1/} Percentages may not add due to rounding. ^{2/} Other includes other varieties not listed and unknown varieties.

WINTER WHEAT

Jerry is the most popular winter wheat variety planted in North Dakota for 2006. It was seeded on 32.4 percent of the planted acreage. Released in 2001 by North Dakota, Jerry has medium height, strong straw strength, medium maturity and good winter hardiness.

CDC Falcon places second with 24.0 percent of the planted acreage. This short variety with medium-strong straw strength and medium maturity has good winter hardiness. The University of Saskatchewan and Western Plant Breeders combined to release CDC Falcon in 2002.

Wesley comes in third with 11.6 percent of the winter wheat acreage. The 2000 release is a product of a cooperative effort among Nebraska, Wyoming and South Dakota. Wesley is described as short with medium-strong straw strength, medium-early maturity and fair winter hardiness.

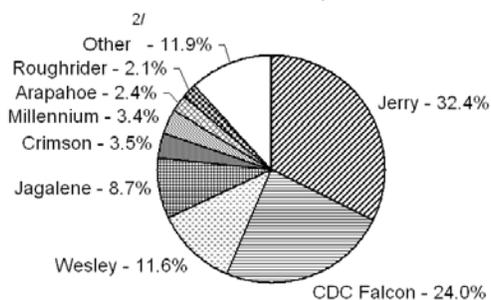
Jagalene falls to fourth in 2006 with 8.7 percent of the winter wheat acreage. It is short and characterized by strong straw strength, early maturity and fair winter hardiness. Jagalene was released by AgriPro in 2002.

**Winter Wheat Varieties: Percent of Acreage Planted
North Dakota, 2001-2006 ***

Variety	2001	2003	2004	2005	2006	
					Pct	Acres Planted
	Percent	Percent	Percent	Percent		1,000
Jerry	0.0	9.5	28.3	32.6	32.4	58.3
CDC Falcon	0.0	0.0	2.1	15.0	24.0	43.2
Wesley	0.0	9.1	9.0	6.4	11.6	20.9
Jagalene	0.0	0.0	0.0	9.5	8.7	15.7
Crimson	4.1	0.0	7.2	4.7	3.5	6.3
Millennium	0.0	0.0	0.0	2.4	3.4	6.2
Arapahoe	31.1	8.5	4.0	1.3	2.4	4.4
Roughrider	16.7	10.6	6.2	2.8	2.1	3.8
Harding	0.0	5.4	3.5	3.0	1.3	2.4
Ransom	8.5	16.2	7.3	6.2	1.1	2.0
Other ^{1/}	39.6	40.7	32.5	16.1	9.5	16.8
All Varieties	100.0	100.0	100.0	100.0	100.0	180.0

^{1/} Other includes varieties not listed and unknown varieties. * 2002 estimates not published due to insufficient number of reports.

**Winter Wheat Varieties
Percent of Acreage Planted
North Dakota, 2006^{1/}**



^{1/} Percentages may not add due to rounding. ^{2/} Other includes other varieties not listed and unknown varieties.

**North Dakota
Agricultural Statistics Districts**

