



North Dakota

# 2011 Wheat Varieties

July 2011

## HIGHLIGHTS

Glenn is the leading spring wheat variety in North Dakota for the fifth consecutive year with nearly 1.15 million acres planted statewide. It accounts for 18.1 percent of the 6.35 million acres of spring wheat planted in 2011. Faller ranks second with 11.4 percent of the spring wheat acreage. Barlow represents 8.5 percent of the spring wheat planted and ranks third. RB07 ranks fourth with 7.0 percent of the spring wheat acres planted. Brennan and Kelby are tied at fifth with each accounting for 5.4 percent of the spring wheat acreage. Briggs and Vantage rank seventh and eighth, respectively, with 4.0 and 3.5 percent of the spring wheat acres planted. The top eight varieties account for 63.3 percent of the spring wheat planted in 2011. North Dakota continues to rank first in spring wheat planted acreage in the United States, with 46.6 percent of the nation's total acreage.

Divide is the leading Durum wheat variety for the third consecutive year. Divide accounts for 32.5 percent of the 1.00 million acres planted compared with 26.6 in 2010 and 20.6 percent in 2009. Mountrail and Alkabo rank second and third, respectively, with 13.0 and 11.7 percent of the Durum wheat acres. Lebsock ranks fourth in Durum wheat acreage with 9.5 percent, and Grenora ranks fifth with 6.2 percent. The top five varieties account for 72.9 percent of the Durum wheat acreage in North Dakota. North Dakota continues to rank first in Durum wheat planted acreage with 58.9 percent of the nation's estimated 1.70 million acres planted.

Jerry accounts for 38.4 percent of the 2011 winter wheat planted acreage in North Dakota, marking the eighth year as the most popular winter wheat variety. CDC Falcon and Hawken rank second and third, respectively, with 10.8 and 6.3 percent of the winter wheat acres planted. Jagalene ranks fourth with 4.9 percent of the winter wheat acreage planted in North Dakota.

## SURVEY DESCRIPTION

The data in this report are based on 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 2,740 positive reports from 3,719 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 the publications are available from the North Dakota Wheat Commission; (701) 328-5111 or [ndwheat@ndwheat.com](mailto:ndwheat@ndwheat.com).

## SPRING WHEAT

**Glenn** is the top variety with 18.1 percent of the 6.35 million acres of spring wheat planted. It is the leading spring wheat variety in the northwest, north central, west central, central, and south central districts. 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.

**Faller** ranks second with 11.4 percent of the spring wheat acreage. It is the leading spring wheat variety planted in the northeast, east central, and southeast districts. Released in 2007 by NDSU, Faller has semi-dwarf height, strong straw strength, medium maturity, slightly below average test weight and good milling and baking quality.

**Barlow** ranks third with 8.5 percent of the spring wheat acreage. Released in 2009 by NDSU, Barlow has semi-dwarf height, medium-strong straw strength, medium-early maturity, high test weight and good milling and baking quality.

**RB07** ranks fourth in 2011 with 7.0 percent of the spring wheat acreage. It is the leading spring wheat variety in the southwest district. Released in 2007 by the University of Minnesota, RB07 has semi-dwarf height, medium-strong straw strength, medium-early maturity, slightly below average test weight and excellent milling and baking quality.

### Spring Wheat Varieties, Percent of Acreage Planted North Dakota: 2007-2011

(Percentages may not add to 100 due to rounding.)

Variety	2007	2008	2009	2010	2011	
					Pct	Acres planted
	(percent)	(percent)	(percent)	(percent)		(1,000)
Glenn .....	20.9	27.9	23.6	25.0	18.1	1,147.2
Faller .....	0.1	2.2	17.2	15.0	11.4	722.2
Barlow .....	-	-	-	0.9	8.5	540.1
RB07 .....	-	-	1.3	4.9	7.0	441.7
Brennan .....	-	-	-	1.9	5.4	344.3
Kelby .....	0.9	4.1	4.4	6.4	5.4	340.9
Briggs .....	9.2	7.6	7.6	4.9	4.0	252.3
Vantage .....	-	0.1	0.1	1.1	3.5	220.5
Freyr .....	9.5	8.6	7.0	4.8	3.3	206.6
Steele-ND .....	9.1	9.2	5.8	3.6	3.2	204.9
Jenna .....	-	-	-	1.1	3.1	196.0
Howard .....	0.9	5.1	5.1	4.7	2.6	163.4
Brick .....	-	-	-	0.8	2.1	131.6
Reeder .....	8.8	2.5	2.6	1.4	1.8	111.9
Alsen .....	15.1	7.6	4.2	3.0	1.6	102.4
Choteau .....	0.8	1.7	1.2	2.8	1.6	102.1
Mott .....	-	-	-	0.1	1.2	74.3
Samson .....	-	0.2	0.6	0.8	1.0	62.3
Breaker .....	-	-	0.3	1.4	0.9	56.8
Knudson .....	4.4	4.1	2.7	1.1	0.8	52.0
Unknown varieties .....	(X)	2.8	2.5	3.6	6.9	439.1
Other varieties <sup>1</sup> .....	20.3	16.3	13.8	10.7	6.9	437.4
<b>All varieties .....</b>						<b>6,350.0</b>

- Represents zero. (X) Not Applicable. <sup>1</sup> For 2007, other varieties includes not listed and unknown varieties.

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# SPRING WHEAT (Continued)

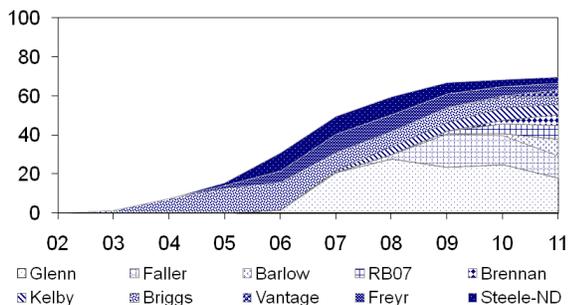
## Spring Wheat Varieties, Percent and Acreage Planted North Dakota: 2011

(Percentages may not add to 100 due to rounding.)

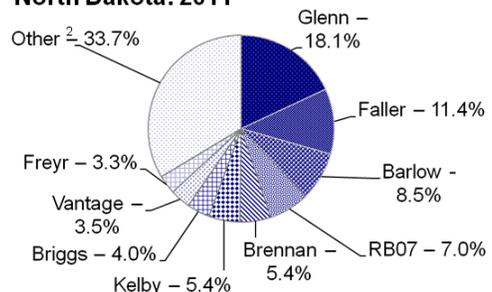
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	(percent)									
Glenn .....	31.5	28.8	8.3	32.9	17.3	8.4	13.7	22.1	7.2	18.1
Faller .....	2.6	7.5	27.6	3.6	15.2	18.4	0.2	0.6	16.0	11.4
Barlow .....	9.6	16.4	8.2	7.2	15.7	4.9	5.7	1.9	6.0	8.5
RB07 .....	0.1	3.6	7.5	2.6	1.8	10.5	17.1	3.4	13.1	7.0
Brennan .....	2.6	2.8	3.2	5.5	13.7	8.8	4.6	6.9	3.4	5.4
Kelby .....	7.8	6.5	2.5	3.7	4.8	10.2	4.8	9.4	2.6	5.4
Briggs .....	-	4.2	3.5	-	2.1	6.9	4.1	5.7	13.6	4.0
Vantage .....	-	0.4	11.2	0.1	0.5	5.1	1.9	0.1	4.5	3.5
Freyr .....	9.0	0.8	0.2	5.6	2.3	0.9	4.0	8.4	0.9	3.3
Steele-ND .....	5.9	6.5	1.0	5.9	0.6	-	4.6	2.4	2.9	3.2
Jenna .....	4.5	4.4	6.2	3.9	1.9	1.6	0.7	0.5	0.3	3.1
Howard .....	0.5	2.5	0.6	0.5	0.9	1.2	9.9	3.7	0.8	2.6
Brick .....	-	2.8	3.6	-	2.1	4.1	0.2	2.7	2.5	2.1
Reeder .....	2.0	0.1	0.4	4.6	-	-	4.0	0.9	5.5	1.8
Alsen .....	7.5	1.0	1.0	1.4	2.6	0.3	0.7	1.0	0.7	1.6
Choteau .....	-	-	-	1.5	-	-	7.0	4.1	-	1.6
Mott .....	2.7	-	-	0.8	-	-	3.0	4.1	-	1.2
Samson .....	-	0.4	1.6	0.5	-	6.2	-	0.3	0.6	1.0
Breaker .....	0.3	1.4	1.6	1.8	0.2	1.2	0.5	-	-	0.9
Knudson .....	0.3	1.3	0.3	-	0.8	1.6	1.9	0.7	0.3	0.8
Unknown varieties .....	3.9	5.3	6.0	10.3	8.0	1.9	4.4	11.8	13.8	6.9
Other varieties .....	9.2	3.1	5.5	7.4	9.5	7.8	7.0	9.3	5.3	6.9
	(1,000 acres)									
Glenn .....	170.0	204.6	113.1	210.5	109.7	40.4	128.4	141.6	28.9	1,147.2
Faller .....	14.1	53.4	377.1	22.9	96.5	88.5	1.5	4.1	64.1	722.2
Barlow .....	52.0	116.6	111.5	46.3	99.8	23.7	54.0	12.3	23.9	540.1
RB07 .....	0.6	25.5	102.3	16.8	11.2	50.2	160.6	22.0	52.5	441.7
Brennan .....	14.2	20.2	44.3	35.2	87.1	42.4	43.5	44.0	13.4	344.3
Kelby .....	41.9	46.2	34.2	23.7	30.5	48.8	44.8	60.4	10.4	340.9
Briggs .....	-	29.6	47.5	-	13.1	32.9	38.4	36.5	54.3	252.3
Vantage .....	-	2.6	153.0	0.7	3.2	24.4	17.9	0.7	18.0	220.5
Freyr .....	48.5	6.0	2.5	36.1	14.4	4.1	37.6	53.9	3.5	206.6
Steele-ND .....	31.9	46.3	14.3	37.7	4.1	-	43.6	15.3	11.7	204.9
Jenna .....	24.2	31.4	84.2	25.2	12.2	7.9	6.4	3.2	1.3	196.0
Howard .....	2.5	18.1	8.5	3.3	5.7	5.7	93.0	23.5	3.1	163.4
Brick .....	-	20.2	48.9	-	13.4	19.9	2.0	17.1	10.1	131.6
Reeder .....	10.9	1.0	5.1	29.5	-	-	37.8	5.5	22.1	111.9
Alsen .....	40.4	6.8	13.2	8.9	16.2	1.3	6.6	6.2	2.8	102.4
Choteau .....	-	-	-	9.9	-	-	66.1	26.1	-	102.1
Mott .....	14.6	-	-	5.0	-	-	28.4	26.3	-	74.3
Samson .....	-	2.5	22.5	3.5	-	29.6	-	1.9	2.3	62.3
Breaker .....	1.4	9.8	21.7	11.6	1.3	5.9	5.1	-	-	56.8
Knudson .....	1.7	9.4	4.4	-	5.1	7.6	18.0	4.6	1.2	52.0
Unknown varieties .....	21.3	37.7	82.3	66.0	51.1	9.3	40.9	75.2	55.3	439.1
Other varieties .....	49.8	22.1	74.4	47.2	60.4	37.4	65.4	59.6	21.1	437.4
All varieties .....	540.0	710.0	1,365.0	640.0	635.0	480.0	940.0	640.0	400.0	6,350.0

- Represents zero.

**Spring Wheat  
Select Varieties Planted  
North Dakota: 2011**  
percent



**Spring Wheat Varieties  
Percent<sup>1</sup> of Acreage Planted  
North Dakota: 2011**



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

# DURUM WHEAT

**Divide** is the most popular Durum wheat variety for the third year in a row with 32.5 percent of the 1.00 million acres of Durum wheat planted. Released in 2005 by NDSU, Divide has above average height, strong straw strength, medium maturity and good overall quality.

**Mountrail** ranks second for the eighth year in a row with 13.0 percent of the Durum wheat acreage. Mountrail was released in 1998 by NDSU. It has slightly above average height, strong straw strength, late maturity and average overall quality.

**Alkabo** ranks third in Durum wheat acreage planted with 11.7 percent. Released in 2005 by NDSU, Alkabo has slightly below average, very strong straw strength, medium maturity and excellent overall quality.

**Lebsock** ranks fourth with 9.5 percent of the Durum wheat acreage in 2011. A 1999 NDSU release, Lebsock is characterized by slightly above average height, strong straw strength, medium maturity and good overall quality.

## Durum Wheat Varieties, Percent of Acreage Planted North Dakota: 2007-2011

(Percentages may not add to 100 due to rounding.)

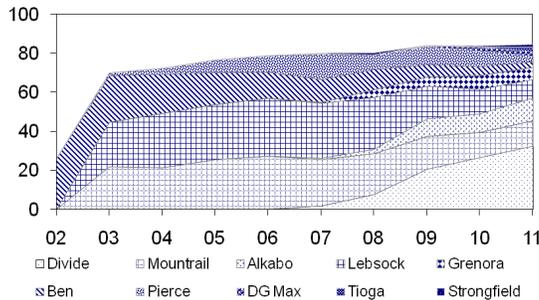
Variety	2007	2008	2009	2010	2011	
					Pct	Acres planted
	(percent)	(percent)	(percent)	(percent)		(1,000)
Divide.....	1.7	7.6	20.6	26.6	32.5	324.9
Mountrail.....	23.8	21.0	16.9	12.9	13.0	129.5
Alkabo.....	0.7	2.2	8.9	9.5	11.7	117.4
Lebsock.....	28.3	26.7	16.9	12.7	9.5	95.3
Grenora.....	0.4	3.9	4.6	7.0	6.2	61.5
Ben.....	11.7	10.3	6.3	4.6	2.9	29.1
Pierce.....	13.1	7.5	9.4	7.9	2.8	27.8
DG Max.....	-	-	0.4	2.0	2.4	23.6
Tioga.....	-	-	-	-	2.1	21.0
Strongfield.....	0.3	1.0	-	0.5	1.4	14.0
Alzada.....	-	4.0	1.0	1.0	1.3	13.1
DG Star.....	-	-	1.4	1.5	1.1	11.0
Unknown varieties....	(X)	2.0	3.3	4.2	7.0	70.4
Other varieties <sup>1</sup> .....	20.0	13.8	10.3	9.6	6.1	61.4

All varieties..... 1,000.0

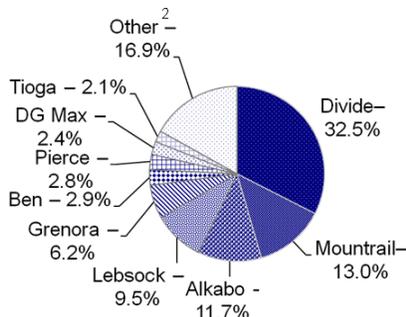
- Represents zero. (X) Not Applicable. <sup>1</sup> For 2007, other varieties includes not listed and unknown varieties.

## Durum Wheat Select Varieties Planted North Dakota: 2011

percent



## Durum Wheat Varieties Percent <sup>1</sup> of Acreage Planted North Dakota: 2011



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

## Durum Wheat Varieties, Percent and Acreage Planted North Dakota: 2011

(Percentages may not add to 100 due to rounding.)

Variety	Northwest	West Central	Southwest	Combined Districts <sup>1</sup>	State
	(percent)	(percent)	(percent)	(percent)	(percent)
Divide.....	38.6	29.8	18.6	14.0	32.5
Mountrail.....	18.7	8.4	-	-	13.0
Alkabo.....	8.1	10.1	31.6	-	11.7
Lebsock.....	7.2	20.1	7.0	15.5	9.5
Grenora.....	8.0	3.6	2.3	2.9	6.2
Ben.....	0.7	4.9	10.8	-	2.9
Pierce.....	3.5	-	-	8.9	2.8
DG Max.....	0.7	-	4.1	18.8	2.4
Tioga.....	1.1	1.8	6.4	1.5	2.1
Strongfield.....	2.2	-	-	-	1.4
Alzada.....	-	-	7.9	-	1.3
DG Star.....	1.1	-	-	6.3	1.1
Unknown varieties....	4.9	14.4	3.5	21.2	7.0
Other varieties.....	5.1	6.9	7.7	10.8	6.1

	(1,000 acres)				
Divide.....	243.4	41.7	30.7	9.1	324.9
Mountrail.....	117.7	11.8	-	-	129.5
Alkabo.....	51.0	14.2	52.2	-	117.4
Lebsock.....	45.5	28.1	11.6	10.1	95.3
Grenora.....	50.7	5.1	3.8	1.9	61.5
Ben.....	4.5	6.8	17.8	-	29.1
Pierce.....	22.0	-	-	5.8	27.8
DG Max.....	4.6	-	6.8	12.2	23.6
Tioga.....	6.9	2.5	10.6	1.0	21.0
Strongfield.....	14.0	-	-	-	14.0
Alzada.....	-	-	13.1	-	13.1
DG Star.....	6.9	-	-	4.1	11.0
Unknown varieties....	30.8	20.1	5.7	13.8	70.4
Other varieties.....	32.0	9.7	12.7	7.0	61.4
All varieties.....	630.0	140.0	165.0	65.0	1,000.0

- Represents zero. <sup>1</sup> Data from North Central, Northeast, Central, East Central, South Central, and Southeast districts are combined to avoid disclosure of individual operations.

# WINTER WHEAT

**Jerry** is the most popular winter wheat variety with 38.4 percent of the 340,000 acres of winter wheat planted. This marks the eighth 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 10.8 percent of the planted winter wheat acreage. CDC Falcon was released by WestBred in 2000. It has short height, medium-strong straw strength, medium maturity and average overall quality.

**Hawken** ranks third with 6.3 percent of the winter wheat planted acres. Hawken was released by AgriPro in 2007 and has very short height, strong straw strength, early maturity and good overall quality.

**Jagalene** represents 4.9 percent of the planted winter wheat acreage. Jagalene was released in 2002 by AgriPro and has short height, strong straw strength, early maturity and average overall quality.

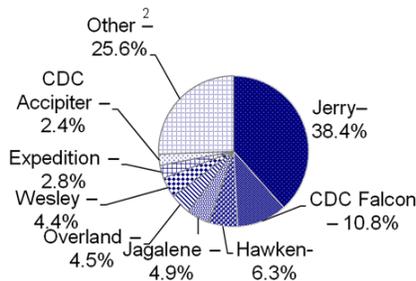
## Winter Wheat Varieties, Percent of Acreage Planted North Dakota: 2007-2011

(Percentages may not add to 100 due to rounding.)

Variety	2007	2008	2009	2010	2011	
					Pct	Acres planted
	(percent)	(percent)	(percent)	(percent)		(1,000)
Jerry.....	43.8	50.5	48.3	48.2	38.4	130.7
CDC Falcon .....	15.1	13.9	9.3	12.2	10.8	36.7
Hawken.....	-	-	2.3	6.4	6.3	21.3
Jagalene .....	12.5	10.4	10.8	4.9	4.9	16.8
Overland .....	-	-	1.2	4.2	4.5	15.3
Wesley.....	7.9	6.2	7.8	6.7	4.4	14.8
Expedition .....	-	-	1.5	0.8	2.8	9.6
CDC Accipiter .....	-	-	-	-	2.4	8.3
Darrell .....	-	0.2	0.2	0.7	1.4	4.7
AC Radiant.....	-	-	-	0.6	1.4	4.6
Harding .....	1.0	0.7	1.2	0.2	1.0	3.5
CDC Buteo.....	0.3	0.5	0.5	0.6	0.8	2.6
Unknown varieties.....	(X)	6.9	5.8	9.0	14.4	48.8
Other varieties <sup>1</sup> .....	19.4	10.7	11.1	5.5	6.6	22.3
All varieties.....						340.0

- Represents zero. (X) Not Applicable. <sup>1</sup> For 2007, other varieties includes not listed and unknown varieties.

Winter Wheat Varieties  
Percent <sup>1</sup> of Acreage Planted  
North Dakota: 2011



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

North Dakota  
Agricultural Statistics Districts

