



North Dakota

2010 Wheat Varieties

July 2010

HIGHLIGHTS

Glenn is the leading spring wheat variety in North Dakota for the fourth consecutive year with nearly 1.68 million acres planted statewide. It accounts for 25.0 percent of the 6.70 million acres of spring wheat planted in 2010. Faller ranks second with 15.0 percent of the spring wheat acreage. Kelby represents 6.4 percent of the spring wheat planted and ranks third. RB07 and Briggs rank fourth and fifth, respectively, both with 4.9 percent of the spring wheat acres planted. Freyr is sixth with 4.8 percent of the spring wheat acreage. Howard and Steele-ND rank seventh and eighth, respectively, with 4.7 and 3.6 percent of the spring wheat acres planted. The top eight varieties account for 69.3 percent of the spring wheat planted in 2010. North Dakota continues to rank first in spring wheat planted acreage in the United States, with 48.2 percent of the nation's total acreage.

Divide is the leading Durum wheat variety for the second straight year. Divide accounts for 26.6 percent of the 1.80 million acres planted compared with 20.6 in 2009 and 7.6 percent in 2008. Mountrail and Lebsack rank second and third, respectively, with 12.9 and 12.7 percent of the Durum wheat acres. Alkabo ranks fourth in Durum wheat acreage with 9.5 percent, and Pierce ranks fifth with 7.9 percent. The top five varieties account for 69.6 percent of the Durum wheat acreage in North Dakota. Once again, North Dakota ranks first in Durum wheat planted acreage with 67.3 percent of the nation's estimated 2.68 million acres planted.

Jerry accounts for 48.2 percent of the 2010 winter wheat planted acreage in North Dakota, marking the seventh year as the most popular winter wheat variety. CDC Falcon and Wesley rank second and third, respectively, with 12.2 and 6.7 percent of the winter wheat acres planted. Hawken ranks fourth with 6.4 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 2,153 positive reports from 5,308 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.

SPRING WHEAT

Glenn is the top variety with 25.0 percent of the 6.70 million acres of spring wheat planted. It is the leading spring wheat variety in every district, except in the east central and southeast 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 15.0 percent of the spring wheat acreage. It is the leading spring wheat variety planted in the east central district. Released in 2007 by NDSU, Faller has semi-dwarf height, strong straw strength, medium maturity, average test weight and good milling and baking quality.

Kelby ranks third with 6.4 percent of the spring wheat acreage. It is the leading spring wheat variety of the southeast district. Released in 2006 by AgriPro, Kelby has semi-dwarf height, strong straw strength, medium-early maturity, high test weight and good milling and baking quality.

RB07 ranks fourth in 2010 with 4.9 percent of the spring wheat acreage. Released in 2007 by the University of Minnesota, RB07 has semi-dwarf height, medium-strong straw strength, medium-early maturity, high test weight and excellent milling and baking quality.

Spring Wheat Varieties: Percent ¹ of Acreage Planted North Dakota, 2006-2010

Variety	2006	2007	2008	2009	2010	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Glenn	1.7	20.9	27.9	23.6	25.0	1,675.6
Faller	0.0	0.1	2.2	17.2	15.0	1,003.1
Kelby	0.0	0.9	4.1	4.4	6.4	428.4
RB07	0.0	0.0	0.0	1.3	4.9	330.3
Briggs	14.1	9.2	7.6	7.6	4.9	329.6
Freyr	5.9	9.5	8.6	7.0	4.8	322.0
Howard	0.0	0.9	5.1	5.1	4.7	315.5
Steele_ND	9.3	9.1	9.2	5.8	3.6	239.6
Alsen	21.4	15.1	7.6	4.2	3.0	199.8
Choteau	0.2	0.8	1.7	1.2	2.8	187.2
Brennan	0.0	0.0	0.0	0.0	1.9	128.5
Reeder	11.2	8.8	2.5	2.6	1.4	91.8
Breaker	0.0	0.0	0.0	0.3	1.4	90.8
Kuntz	0.0	0.1	1.3	2.7	1.2	81.6
Vantage	0.0	0.0	0.1	0.1	1.1	77.0
Jenna	0.0	0.0	0.0	0.0	1.1	76.0
Knudson	5.4	4.4	4.1	2.7	1.1	72.9
Mercury	0.0	0.0	0.0	0.0	1.0	64.7
Blade	0.0	0.0	0.1	0.4	0.9	58.6
Barlow	0.0	0.0	0.0	0.0	0.9	57.2
Other ²	30.8	20.2	17.9	13.8	13.0	869.8
All Varieties	100.0	100.0	100.0	100.0	100.0	6,700.0

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/

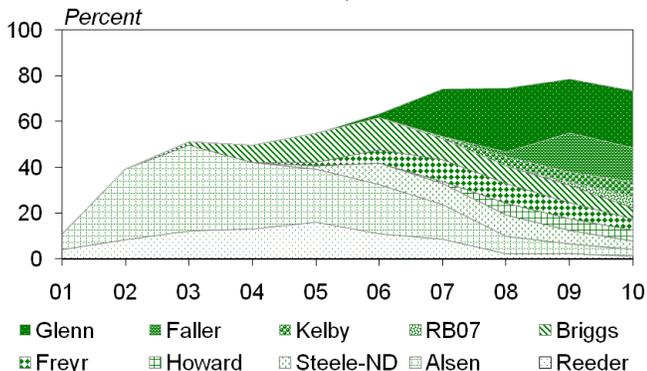
SPRING WHEAT (Continued)

**Spring Wheat Varieties: Percent¹ and Acreage Planted
North Dakota, 2010**

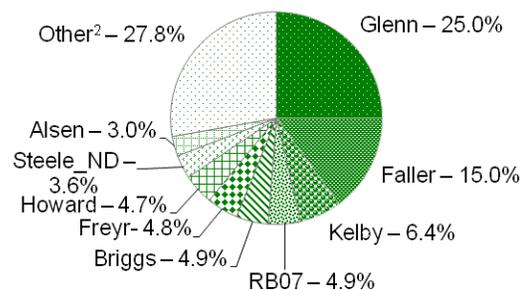
Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	<i>Percent</i>									
Glenn	38.0	42.8	18.8	29.3	32.4	13.5	17.6	19.5	9.6	25.0
Faller	4.4	16.5	32.7	3.8	18.0	25.7	0.7	4.5	28.1	15.0
Kelby	11.4	5.3	4.3	2.7	4.7	26.2	2.7	5.3	2.3	6.4
RB07	1.0	0.1	6.5	1.7	2.0	8.8	9.8	4.8	9.6	4.9
Briggs	1.4	5.1	1.8	3.0	6.7	4.4	2.9	12.4	16.3	4.9
Freyr	4.9	5.4	1.7	8.9	1.9	0.9	6.9	10.6	1.2	4.8
Howard	0.8	2.7	2.4	8.0	0.7	2.4	13.9	5.7	2.0	4.7
Steele-ND	8.7	3.8	1.5	1.4	1.6	0.8	5.2	6.5	1.6	3.6
Alsen	4.3	2.1	3.0	8.6	1.1	1.2	1.3	2.2	3.6	3.0
Choteau	0.5	0.0	0.0	3.9	0.0	0.0	14.2	1.5	0.2	2.8
Brennan	0.8	2.8	1.2	2.7	4.9	2.6	0.6	0.7	3.3	1.9
Reeder	2.8	0.0	0.0	3.3	0.4	0.0	3.9	0.8	0.0	1.4
Breaker	0.0	1.4	2.5	3.9	1.1	0.3	0.7	0.5	0.4	1.4
Kuntz	0.0	0.4	3.3	1.3	3.7	0.5	0.0	0.0	0.0	1.2
Vantage	0.0	0.4	3.3	0.0	1.3	1.3	1.2	0.2	0.2	1.1
Jenna	2.0	1.9	1.9	0.4	2.4	0.4	0.0	0.3	0.0	1.1
Knudson	0.4	2.5	0.6	0.1	1.5	0.1	0.0	4.5	0.7	1.1
Mercury	0.0	0.0	0.2	0.0	0.0	0.0	6.1	0.0	0.0	1.0
Blade	4.2	0.6	0.0	0.0	3.4	0.1	0.0	0.0	0.0	0.9
Barlow	1.0	1.6	0.6	0.6	1.6	0.6	0.9	0.1	0.9	0.9
Other ²	13.5	4.6	13.9	16.3	10.5	10.3	11.3	19.8	20.1	13.0
	<i>1,000 Acres</i>									
Glenn	286.9	327.4	251.4	196.5	203.9	64.7	181.6	126.8	36.4	1,675.6
Faller	33.2	126.2	438.0	25.6	113.2	123.3	7.5	29.3	106.8	1,003.1
Kelby	86.2	40.5	57.5	17.8	29.7	125.8	27.7	34.4	8.8	428.4
RB07	7.2	0.7	87.4	11.6	12.8	42.0	101.0	31.1	36.5	330.3
Briggs	10.7	39.0	24.1	19.9	42.3	21.0	29.9	80.6	62.1	329.6
Freyr	37.2	41.3	22.7	59.8	12.1	4.4	71.0	69.1	4.4	322.0
Howard	5.7	20.9	31.7	53.8	4.2	11.6	142.9	37.2	7.5	315.5
Steele-ND	65.9	28.8	19.8	9.7	9.9	3.8	53.8	42.0	5.9	239.6
Alsen	32.3	16.3	39.8	57.8	6.8	5.7	13.0	14.6	13.5	199.8
Choteau	3.7	0.0	0.0	25.8	0.1	0.0	146.7	10.0	0.9	187.2
Brennan	5.8	21.1	16.6	18.4	31.0	12.6	6.1	4.5	12.4	128.5
Reeder	21.5	0.0	0.4	21.8	2.4	0.0	40.4	5.3	0.0	91.8
Breaker	0.2	10.9	33.2	26.0	6.8	1.2	7.5	3.5	1.5	90.8
Kuntz	0.0	3.1	44.0	8.8	23.5	2.2	0.0	0.0	0.0	81.6
Vantage	0.0	3.2	44.7	0.0	8.1	6.4	12.3	1.4	0.9	77.0
Jenna	14.9	14.2	25.0	3.0	15.3	1.8	0.0	1.8	0.0	76.0
Knudson	2.8	18.8	8.0	0.6	9.7	0.7	0.4	29.1	2.8	72.9
Mercury	0.0	0.0	2.3	0.0	0.0	0.0	62.4	0.0	0.0	64.7
Blade	31.6	4.8	0.0	0.0	21.5	0.7	0.0	0.0	0.0	58.6
Barlow	7.2	12.3	7.4	4.1	10.3	2.7	9.5	0.4	3.3	57.2
Other ²	102.0	35.5	186.0	109.0	66.4	49.4	116.3	128.9	76.3	869.8
All Varieties	755.0	765.0	1,340.0	670.0	630.0	480.0	1,030.0	650.0	380.0	6,700.0

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, 2001-2010**



**Spring Wheat Varieties
Percent¹ of Acreage Planted
North Dakota, 2010**



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

DURUM WHEAT

Divide is the most popular Durum wheat variety for the second year in a row with 26.6 percent of the 1.80 million acres of Durum wheat planted. Released in 2005, Divide has medium height, strong straw strength, medium maturity and good overall quality.

Mountrail ranks second for the seventh year in a row with 12.9 percent of the Durum wheat acreage. Released in 1998, Mountrail has medium height, strong straw strength, late maturity and average overall quality.

Lebsock ranks third with 12.7 percent of the Durum wheat acreage in 2010. Lebsock was the most popular Durum wheat variety from 2004-2008 but has declined from 16.9 percent in 2009 to 12.7 percent in 2010. A 1999 North Dakota release, Lebsock is characterized by medium height, strong straw strength, medium maturity and good overall quality.

Alkabo ranks fourth in Durum wheat acreage planted with 9.5 percent. Released in 2005, Alkabo has medium height, very strong straw strength, medium maturity and good overall quality.

**Durum Wheat Varieties: Percent ¹ of Acreage Planted
North Dakota, 2006-2010**

Variety	2006	2007	2008	2009	2010	
					Pct	Acres Planted
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>1,000</i>
Divide	0.0	1.7	7.6	20.6	26.6	478.6
Mountrail	27.3	23.8	21.0	16.9	12.9	231.8
Lebsock	29.7	28.3	26.7	16.9	12.7	228.3
Alkabo	0.0	0.7	2.2	8.9	9.5	171.0
Pierce	8.4	13.1	7.5	9.4	7.9	141.7
Grenora	0.0	0.4	3.9	4.6	7.0	125.3
Ben	13.4	11.7	10.3	6.3	4.6	82.9
Dilse	4.0	3.8	2.6	2.1	2.8	51.2
DG Max	0.0	0.0	0.0	0.4	2.0	35.2
Kyle	3.0	3.0	2.7	0.3	1.7	31.2
DG Star	0.0	0.0	0.0	1.4	1.5	27.5
Maier	4.3	2.3	3.8	1.5	1.4	24.7
Other ²	9.9	11.2	11.7	10.7	9.5	170.6
All Varieties	100.0	100.0	100.0	100.0	100.0	1,800.0

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

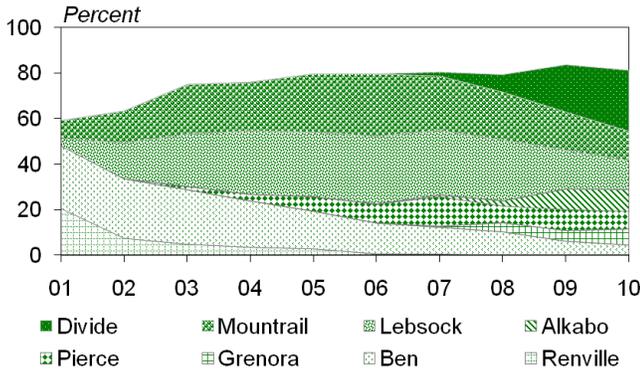
**Durum Wheat Varieties: Percent ¹ and Acreage Planted
North Dakota, 2010**

Variety	Northwest	North Central	Northeast	West Central	Central ²	East Central ²	Southwest	South Central ²	Southeast ²	Combined Districts	State
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Divide	28.5	25.7	25.7	27.3			15.4			173.6	26.6
Mountrail	18.6	0.0	0.0	12.9			2.3			0.0	12.9
Lebsock	12.3	38.1	26.5	6.2			5.3			7.3	12.7
Alkabo	9.1	0.0	3.6	9.5			20.5			12.8	9.5
Pierce	7.5	0.0	1.2	23.5			0.0			18.0	7.9
Grenora	6.2	7.9	15.0	1.4			14.5			0.0	7.0
Ben	2.2	2.7	0.4	5.7			15.4			23.3	4.6
Dilse	3.0	0.0	0.0	0.7			7.8			0.0	2.8
DG Max	0.0	11.2	17.4	0.0			0.0			17.2	2.0
Kyle	2.9	0.0	0.0	0.0			0.0			0.0	1.7
DG Star	1.0	5.2	0.0	0.8			0.8			92.6	1.5
Maier	0.0	3.0	0.0	4.8			4.7			0.0	1.4
Other ³	8.6	6.1	10.3	7.2			13.3			55.4	9.5
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>				
Divide	302.6	27.0	28.3	62.9			33.9			23.9	478.6
Mountrail	197.2	0.0	0.0	29.6			5.0			0.0	231.8
Lebsock	130.5	40.0	29.1	14.2			11.6			2.9	228.3
Alkabo	96.7	0.0	4.0	21.9			45.2			3.2	171.0
Pierce	79.2	0.0	1.3	54.0			0.0			7.2	141.7
Grenora	65.5	8.3	16.5	3.2			31.8			0.0	125.3
Ben	23.6	2.8	0.4	13.0			33.8			9.3	82.9
Dilse	32.3	0.0	0.0	1.7			17.2			0.0	51.2
DG Max	0.0	11.8	19.1	0.0			0.0			4.3	35.2
Kyle	31.2	0.0	0.0	0.0			0.0			0.0	31.2
DG Star	10.3	5.5	0.0	1.9			1.8			8.0	27.5
Maier	0.0	3.2	0.0	11.1			10.4			0.0	24.7
Other ³	90.9	6.4	11.3	16.5			29.3			16.2	170.6
All Varieties	1,060.0	105.0	110.0	230.0			220.0			75.0	1,800.0

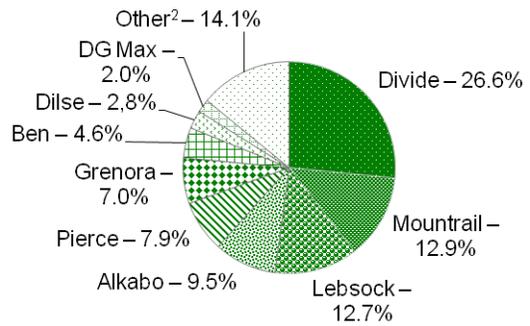
¹ Percentages may not add to 100 due to rounding. ² Data published in combined districts to avoid disclosure of individual operations. ³ Other includes varieties not listed and unknown varieties.

DURUM WHEAT (Continued)

**Durum Wheat
Select Varieties Planted
North Dakota, 2001-2010**



**Durum Wheat Varieties
Percent¹ of Acreage Planted
North Dakota, 2010**



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 48.2 percent of the 340,000 acres of winter wheat planted. This marks the seventh 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 12.2 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.

Wesley represents 6.7 percent of the planted winter wheat acreage. Nebraska, Wyoming, and South Dakota contributed to the development of this variety. Wesley was released in 2000 and has short height, medium-strong straw strength, medium-early maturity and fair overall quality.

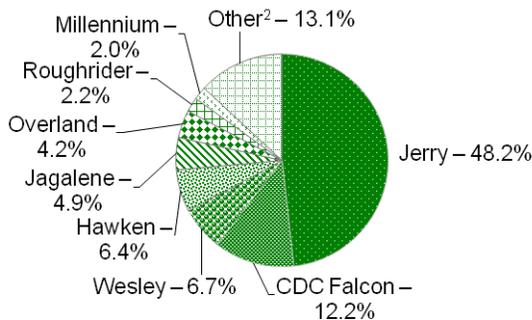
Hawken ranks fourth with 6.4 percent of the winter wheat planted acres. Hawken was released by AgriPro in 2007 and has very short height, strong straw strength, early maturity and good overall quality.

**Winter Wheat Varieties: Percent¹ of Acreage Planted
North Dakota, 2006-2010**

Variety	2006	2007	2008	2009	2010	
					Pct	Acres Planted
	Percent	Percent	Percent	Percent		1,000
Jerry	32.4	43.8	50.5	48.3	48.2	164.0
CDC Falcon	24.0	15.1	13.9	9.3	12.2	41.6
Wesley	11.6	7.9	6.2	7.8	6.7	22.7
Hawken	0.0	0.0	0.0	2.3	6.4	21.8
Jagalene	8.7	12.5	10.4	10.8	4.9	16.8
Overland	0.0	0.0	0.0	1.2	4.2	14.2
Roughrider	2.1	2.5	1.8	1.4	2.2	7.6
Millennium	3.4	3.2	2.2	1.7	2.0	6.9
Expedition	0.0	0.0	0.0	1.5	0.8	2.7
Darrell	0.0	0.0	0.2	0.2	0.7	2.3
CDC Buteo	0.0	0.0	0.5	0.5	0.6	2.0
AC Radiant	0.0	0.0	0.0	0.0	0.6	2.0
Other ²	17.8	15.0	14.3	15.0	10.4	35.4
All Varieties	100.0	100.0	100.0	100.0	100.0	340.0

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, 2010**



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

**North Dakota
Agricultural Statistics Districts**

