

**NDSU Carrington Research Extension Center
2013 Variety Trial Data**

Hard Red Spring Wheat - Irrigated							Carrington		
Variety	Days to Head	Plant Height inch	--- Grain Protein ---		1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
			2013 ----- % -----	3-yr. Avg. ¹			2013	2-yr. Avg.	3-yr. Avg. ¹
								bu/ac	
Barlow	48.5	30.9	14.1	14.5	37.5	62.4	70.4	65.4	72.4
Glenn	49.5	31.9	14.1	14.6	38.3	63.9	74.3	69.1	74.2
Faller	52.0	30.2	12.7	13.2	41.9	60.6	73.0	68.6	77.4
Vantage	54.8	27.0	14.3	15.0	34.0	62.5	68.7	61.3	68.6
Brennan	50.8	26.3	14.6	14.2	35.0	60.8	66.9	66.7	73.3
RB07	50.0	29.9	13.8	13.9	34.2	59.0	60.4	59.2	64.1
Briggs	48.0	28.8	14.1	14.2	37.6	61.4	69.9	72.5	76.7
Jenna	53.8	29.4	13.6	14.1	40.6	60.1	79.5	71.3	78.5
Kelby	50.0	26.2	15.3	14.8	34.7	60.9	64.8	65.7	71.3
Freyr	50.8	31.3	14.0	13.9	37.5	60.9	71.1	66.8	74.6
Steele-ND	51.0	30.5	14.3	14.4	39.2	62.6	70.5	68.0	73.7
Prosper	52.5	30.5	12.9	13.2	43.6	61.2	81.9	75.6	80.4
SY Soren	50.0	27.2	14.7	--	35.8	61.5	73.3	68.7	--
Howard	51.5	30.7	13.8	14.1	39.6	62.4	74.7	69.3	75.2
Alsen	50.8	30.9	14.7	14.8	37.8	62.0	66.6	62.1	67.2
Breaker	51.8	29.3	13.3	13.9	38.0	62.3	72.5	64.9	72.0
Brick	47.3	29.5	14.4	13.9	38.1	62.4	65.9	65.8	71.3
Select	47.5	30.1	13.2	13.4	37.3	62.3	67.9	69.0	72.3
WB-Mayville	48.8	24.8	14.5	--	38.8	60.7	65.2	63.0	--
Velva	54.3	30.2	13.6	13.7	39.1	60.9	76.9	65.4	71.1
Elgin-ND	52.0	32.6	13.6	14.0	35.4	61.2	80.4	71.9	78.6
Forefront	48.0	31.4	13.8	--	35.8	60.7	72.5	71.3	--
Advance	52.0	28.1	12.6	--	34.6	62.3	75.9	67.6	--
Linkert	52.8	26.8	14.7	--	41.0	62.2	71.3	66.4	--
SY Rowyn	51.5	28.2	13.7	--	32.9	60.3	71.0	--	--
LCS Powerplay	51.3	28.4	12.7	--	37.6	62.1	84.7	73.1	--
LCS Breakaway	49.3	27.1	14.4	--	39.0	62.9	75.9	71.7	--
LCS Albany	54.5	29.3	12.2	--	33.7	61.4	83.6	71.4	--
LCS Iguacu	53.5	28.8	11.8	--	37.6	61.6	68.7	--	--
Norden	52.0	29.7	13.0	13.7	35.8	62.7	71.9	66.3	71.5
Rollag	50.8	27.3	14.2	--	38.0	62.2	69.0	68.2	--
SY Tyra	52.5	27.1	12.9	--	36.8	61.6	71.6	64.0	--
WB Digger	52.5	30.4	12.9	13.2	38.5	60.7	77.8	70.1	76.6
Samson	51.0	26.3	13.2	13.7	35.6	60.5	75.8	66.3	68.3
MEAN	50.7	29.5	13.8	--	37.4	61.6	73.5	--	--
C.V. (%)	1.3	4.2	2.8	--	2.8	0.5	6.2	--	--
LSD 0.10	0.8	1.4	0.4	--	1.2	0.4	5.3	--	--
LSD 0.05	0.9	1.7	0.5	--	1.5	0.5	6.4	--	--

Planting Date = May 16 ; Harvest Date = August 28 ; Previous Crop = Spring Wheat

¹ Three-year average is for 2010, 2012 and 2013 as this study was lost to hail in 2011.

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.