

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Hard Red Spring Wheat - Direct Seeded Dryland Recrop Elite* Carrington

Variety	Days to Head	Plant Lodge 0 to 9	Plant Height inch	---- Grain Protein ----		1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
				2016 ----- % -----	3-yr. Avg. ¹ -----			2016 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg. ¹
Barlow	55.3	2.0	28.1	13.4	14.1	30.8	57.9	38.9	36.6	39.9
SY Soren	57.5	0.5	25.9	13.9	14.7	28.4	57.1	44.8	41.2	39.8
Elgin-ND	56.3	2.3	28.3	13.3	13.6	31.4	57.2	42.0	42.3	44.2
Prosper	59.3	2.3	26.8	13.0	13.3	35.5	57.4	43.9	42.5	40.9
Faller	58.3	1.8	27.2	13.3	13.3	34.3	56.9	45.0	40.9	41.8
Glenn	55.3	1.8	27.8	13.5	14.1	31.1	59.4	30.8	30.2	34.7
WB-Mayville	55.8	0.3	23.8	13.4	14.2	33.8	56.8	42.4	36.2	35.6
Rollag	55.5	2.5	25.0	14.2	14.4	31.1	57.1	38.9	37.1	38.6
Linkert	56.5	1.0	24.5	14.0	14.7	34.3	56.4	42.2	43.4	41.5
Shelly	59.3	0.8	24.5	13.5	--	30.1	56.4	39.4	--	--
Bolles	59.8	1.0	27.9	15.0	--	30.7	55.9	32.3	34.9	--
Boost	59.8	1.8	28.5	13.9	--	32.7	57.6	41.0	--	--
Surpass	53.3	2.0	25.8	12.5	--	28.7	56.3	41.4	--	--
Focus	52.0	2.0	28.7	13.5	--	30.3	58.2	35.4	33.1	--
Prevail	54.8	1.8	26.0	13.3	--	30.9	56.6	40.9	38.7	--
HRS 3361	57.3	0.0	25.1	12.9	--	31.1	56.2	46.1	--	--
HRS 3419	61.8	1.3	28.1	13.0	--	28.6	57.1	46.2	--	--
HRS 3504	58.8	1.5	25.2	12.7	--	31.3	56.9	56.4	--	--
HRS 3530	58.3	2.5	29.0	13.4	--	35.3	57.2	45.0	--	--
LCS Breakaway	55.0	1.3	25.2	14.0	--	32.5	58.5	43.0	--	--
LCS Nitro	60.5	0.8	24.2	13.5	--	31.5	56.6	37.2	36.5	--
LCS Prime	54.8	2.0	27.6	11.5	--	34.7	57.8	45.1	--	--
MS Chevelle	56.5	2.5	25.8	12.4	--	29.7	56.7	45.8	39.0	--
Filler	56.0	2.0	28.1	14.2	--	30.7	59.3	30.2	--	--
SY Valda	56.5	1.8	25.8	12.2	--	32.9	57.4	47.7	39.8	--
WB9507	57.0	2.3	27.3	14.0	--	37.9	55.3	45.6	40.7	--
WB9653	56.8	2.0	24.4	12.1	--	32.7	56.3	48.5	--	--
MEAN	56.9	1.6	26.6	13.4	---	31.9	57.2	41.7	---	---
C.V. (%)	1.9	34.0	4.2	7.5	---	3.7	0.9	11.1	---	---
LSD 0.10	1.3	0.6	1.3	1.2	---	1.4	0.4	5.4	---	---
LSD 0.05	1.5	0.8	1.6	1.4	---	1.7	0.7	6.5	---	---

Planting Date = April 29 ; Harvest Date = August 15 ; Previous Crop = Spring Wheat

** This trial was directly planted into an undisturbed wheat stubble.

** Hail Damage: The trial experienced a moderate degree of hail damage on July 9. The loss in yield due to either seed shatter or head breakage was assessed to be generally uniform across the trial. Consider the hail damage when utilizing the trial information.

¹ Three-year average is for 2013, 2015, and 2016 as no data is available for 2014.