

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

Hard Red Spring Wheat - Dryland **Carrington (Page 1 of 2)**

Variety	Days to Head	Plant Lodge 0-9	Plant Height inch	Grain Protein %	1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
							2017	2-yr. Avg. bu/ac	3-yr. Avg.
SY Soren	65.0	0.0	31.2		27.1	59.3	60.0	47.6	48.5
SY Ingmar	66.3	0.3	32.1		27.2	59.6	57.0	47.5	50.9
Elgin-ND	66.0	2.0	34.5		26.7	57.9	57.7	46.8	51.1
Barlow	62.0	2.3	31.9		27.5	59.7	57.1	45.9	49.5
Glenn	60.5	1.5	32.5		27.7	61.2	56.5	43.9	48.6
Faller	67.5	3.0	31.6		29.7	58.0	58.6	44.3	48.3
Prosper	67.8	2.5	33.1		29.7	58.4	63.1	46.0	49.3
Linkert	63.0	0.3	28.7		30.7	58.9	57.0	45.0	49.5
WB-Mayville	63.0	0.8	29.8		30.1	58.9	54.9	44.8	47.7
Rollag	61.8	2.0	32.4		28.7	59.1	58.6	47.5	50.6
Bolles	66.5	1.0	29.8		32.7	58.7	60.0	44.2	46.2
Boost	67.3	2.0	32.4		30.4	58.7	58.4	48.8	49.6
Ambush	61.3	2.0	30.8		30.1	60.0	59.7	--	--
Caliber	66.8	0.0	28.6		30.7	59.1	54.7	--	--
HRS 3100	66.0	0.5	28.9		28.6	57.4	59.3	--	--
HRS 3419	68.8	2.0	32.9		23.3	55.6	58.7	47.0	48.6
HRS 3504	65.8	1.3	28.4		27.3	56.2	61.2	49.9	--
HRS 3530	67.3	2.3	31.8		27.9	57.4	57.9	40.8	48.2
HRS 3616	65.0	1.3	32.6		30.3	57.7	61.1	49.2	--
Lang-MN	66.5	0.0	30.5		26.3	59.2	58.8	45.8	50.6
LCS Anchor	65.3	0.5	28.5		28.5	59.2	51.5	44.7	--
LCS Breakaway	62.8	0.0	28.8		31.6	59.7	50.4	43.1	47.2
LCS Nitro	67.3	0.8	30.5		26.9	56.7	57.2	45.5	47.2
LCS Prime	62.3	1.0	33.0		30.3	60.0	60.8	46.1	--
LCS Rebel	61.8	2.5	32.5		29.6	59.7	57.1	--	--
LCS Trigger	70.8	1.5	31.6		25.7	57.7	63.6	--	--
MS Camaro	65.0	0.0	29.5		29.8	59.5	53.0	--	--
MS Chevelle	62.0	2.3	29.4		27.6	58.6	60.5	49.4	50.6
Mott	68.3	1.0	36.5		25.6	57.8	58.6	46.1	50.8
ND VitPro	63.0	1.3	31.4		28.8	60.0	56.4	44.4	48.9
Prevail	62.3	1.3	28.9		28.7	58.9	62.4	47.3	52.5
Shelly	67.5	1.0	30.0		28.7	58.4	66.3	48.3	51.5
Surpass	58.8	1.0	30.7		26.7	58.0	60.6	48.1	51.4
SY Rowyn	63.8	1.5	29.3		26.4	58.2	55.7	42.9	50.6
SY Valda	64.8	1.8	29.6		29.0	58.6	66.9	50.3	52.4
TCG-Climax	70.5	0.0	32.3		27.0	61.0	63.0	--	--
TCG-Cornerstone	66.5	0.5	32.2		30.4	58.4	55.2	43.7	--
TCG-Spitfire	67.8	0.5	32.6		29.4	58.4	66.3	51.9	--
WB9479	62.0	0.3	27.5		29.6	58.5	57.5	--	--
MEAN	64.6	1.3	31.4		28.6	58.7	58.5	---	---
C.V. (%)	1.7	38.4	7.2		5.3	1.2	7.2	---	---
LSD 0.10	1.3	0.6	2.6		1.7	0.8	4.9	---	---
LSD 0.05	1.5	0.7	3.1		2.1	1.0	5.8	---	---

Planting Date = April 17 ; Harvest Date = August 18 ; Previous Crop = Field Pea

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

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Hard Red Spring Wheat - Dryland **Carrington (Page 2 of 2)**

Variety	Days to Head	Plant Lodge 0-9	Plant Height inch	Grain Protein %	1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
							2017	2-yr. Avg. bu/ac	3-yr. Avg.
WB9590	62.3	1.0	28.8		29.0	57.7	63.4	--	--
WB9653	64.3	1.3	29.4		27.1	56.3	64.9	50.8	56.6
WB9719	64.0	1.3	28.1		28.3	60.7	58.6	--	--
AKF-Astro	65.3	1.8	31.8		30.1	55.5	55.6	--	--
Prestige	61.5	2.3	34.4		27.7	58.1	59.7	48.4	50.8
Redstone	70.3	2.0	32.8		24.0	57.4	63.5	48.8	50.8
Prosper/ND VitPro ¹	65.0	2.0	32.0		29.4	58.6	59.9	--	--
Shelly/Bolles ¹	67.8	1.3	34.1		28.8	58.5	64.7	--	--
WB-Mayville ² {1.8}	62.5	0.3	29.5		33.1	59.5	58.8	45.5	--
Faller ² {1.8}	66.8	2.5	31.3		29.7	58.0	57.9	--	--
MEAN	64.6	1.3	31.4		28.6	58.7	58.5	---	---
C.V. (%)	1.7	38.4	7.2		5.3	1.2	7.2	---	---
LSD 0.10	1.3	0.6	2.6		1.7	0.8	4.9	---	---
LSD 0.05	1.5	0.7	3.1		2.1	1.0	5.8	---	---

Planting Date = April 17 ; Harvest Date = August 18 ; Previous Crop = Field Pea

** Spring wheat seeding rate used in this trial was 1,400,000 pure live seeds acre⁻¹.

¹ Treatments represent an equal mixture of PLS seed (700K:700K) from each variety.

² Treatments # 57 and #58 were planted at a seeding rate of 1,800,000 pure live seeds acre⁻¹.