

**NDSU Carrington Research Extension Center
2018 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 -			----- Grain Yield -----			
				2018 ----- % -----	3-yr. Avg.	1000 KWT gram	Test Weight lb/bu	2018	2-yr. Avg.	3-yr. Avg.
SY Ingmar	50.3	1.5	26.1	15.8	15.7	35.2	63.5	74.2	65.6	56.4
SY Soren	49.8	0.8	26.7	15.3	15.6	33.7	63.5	65.5	62.8	53.6
Linkert	50.3	1.0	26.4	15.5	15.8	37.8	63.4	63.5	60.3	51.2
Barlow	49.3	2.0	31.0	14.6	15.0	33.2	63.9	66.4	61.7	52.7
Elgin-ND	49.5	2.0	31.2	14.0	14.6	32.3	62.9	62.6	60.1	52.1
SY Valda	52.0	1.5	26.7	13.2	14.4	33.6	62.7	71.9	69.4	57.5
Glenn	49.5	2.5	30.7	15.0	14.9	33.9	64.8	59.7	58.1	49.2
Prosper	51.8	2.0	30.2	14.2	14.4	39.6	63.3	74.4	68.8	55.5
Faller	52.8	1.8	30.7	13.7	14.3	37.2	63.3	75.8	67.2	54.8
Bolles	54.3	0.5	29.6	16.1	16.5	36.7	62.8	58.6	59.3	49.0
Rollag	50.8	2.5	26.1	15.0	15.6	33.5	63.3	61.1	59.8	52.0
Lang-MN	52.5	0.8	30.7	13.9	15.1	31.0	63.6	71.0	64.9	54.2
ND VitPro	49.8	1.3	27.9	15.6	15.5	35.2	64.2	55.6	56.0	48.2
Shelly	53.0	1.3	28.1	13.5	14.5	34.6	63.9	74.2	70.3	56.9
Boost	53.3	1.5	29.3	14.5	15.0	34.6	62.2	66.5	63.6	54.2
Surpass	48.5	3.0	29.9	14.1	14.7	29.7	62.5	73.4	--	--
AAC Brandon	51.0	2.0	27.7	16.3	--	38.9	63.2	61.5	--	--
AAC Penhold	53.3	1.3	28.1	14.3	--	39.0	63.2	72.0	--	--
AC Goodwin	51.5	1.5	31.4	14.0	--	36.9	63.8	71.4	--	--
Ambush	49.8	2.0	27.9	14.4	--	36.5	63.9	72.6	66.2	--
Caliber	51.5	0.0	24.7	15.9	--	35.0	63.0	61.8	58.3	--
Lanning	52.8	0.8	29.4	14.5	--	36.8	61.8	62.5	--	--
WB9479	49.8	0.8	25.5	16.3	--	36.7	63.6	63.8	60.6	--
WB9590	49.3	0.8	25.3	15.4	--	36.5	63.2	73.7	68.6	--
WB9653	51.5	1.3	26.5	13.1	14.3	33.5	62.5	80.4	72.6	60.7
WB9719	53.0	1.0	27.2	15.8	--	38.4	64.4	60.2	59.4	--
TCG Climax	53.5	0.3	29.7	15.1	--	30.6	64.6	66.9	64.9	--
TCG Glenville	48.8	0.0	25.4	17.3	--	37.9	63.4	53.1	--	--
TCG Spitfire	54.0	0.5	27.3	14.3	14.6	39.3	63.1	70.4	68.4	58.1
MEAN	51.3	1.4	28.7	14.6	--	35.3	63.3	68.5	--	--
C.V. (%)	2.4	41.4	5.9	4.2	--	3.9	0.6	9.3	--	--
LSD 0.10	1.4	0.7	2.0	0.7	--	1.6	0.4	7.4	--	--
LSD 0.05	1.7	0.8	2.3	0.8	--	1.9	0.5	8.8	--	--

Planting Date = April 30 ; Harvest Date = August 6 ; Previous Crop = Canola

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 -----		
				2018 ----- % -----	3-yr. Avg. -----			2018 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
MS Camaro	49.5	1.3	25.8	15.4	--	32.6	62.8	61.7	57.4	--
MS Chevelle	49.3	2.0	27.8	13.4	14.2	32.4	63.4	77.1	68.8	58.6
MS Barracuda	48.8	1.8	26.0	14.1	--	37.1	63.8	67.0	--	--
SY Rockford	52.8	0.3	28.2	13.6	--	36.6	62.4	65.1	--	--
HRS 3100	51.8	0.5	27.8	14.1	--	34.3	62.3	70.5	64.9	--
HRS 3419	54.8	1.3	27.4	12.9	14.0	31.7	62.7	78.6	68.6	57.5
HRS 3504	51.3	0.8	26.9	13.1	14.3	34.0	62.5	74.9	68.1	58.2
HRS 3530	53.0	2.0	32.6	14.0	14.9	35.6	62.6	72.1	65.0	51.2
HRS 3616	49.8	1.3	26.2	15.0	15.5	34.4	63.1	66.0	63.5	54.8
HRS 3888	50.5	1.5	29.2	13.8	--	33.5	62.6	74.5	--	--
LCS Breakaway	50.3	1.5	28.6	15.0	16.0	35.9	64.3	74.0	62.2	53.4
LCS Cannon	48.5	1.5	28.1	14.5	--	33.6	64.6	73.1	--	--
LCS Rebel	50.5	2.0	30.2	14.9	--	36.9	63.9	71.6	64.3	--
LCS Trigger	56.8	0.8	31.2	12.1	--	32.6	63.0	77.8	70.7	--
Prosper/ND VitPro ¹	50.8	1.5	31.2	14.6	--	37.5	63.9	72.4	66.2	--
Shelly/Bolles ¹	54.3	0.8	30.1	14.9	--	35.4	63.1	70.5	67.6	--
Faller ² {1.8}	52.5	2.3	31.6	13.8	--	38.3	62.9	70.1	64.0	--
Lang-MN ² {1.8}	53.5	1.0	32.8	13.6	--	30.2	63.9	72.0	--	--
MEAN	51.3	1.4	28.7	14.6	--	35.3	63.3	68.5	--	--
C.V. (%)	2.4	41.4	5.9	4.2	--	3.9	0.6	9.3	--	--
LSD 0.10	1.4	0.7	2.0	0.7	--	1.6	0.4	7.4	--	--
LSD 0.05	1.7	0.8	2.3	0.8	--	1.9	0.5	8.8	--	--

Planting Date = April 30 ; Harvest Date = August 6 ; Previous Crop = Canola

** 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 were planted at a seeding rate of 1,800,000 pure live seeds acre⁻¹.