

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Hard Red Spring Wheat - Irrigated **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 ----	
				2019 ----- % -----	2-yr. Avg. ¹ -----			2019 ----- bu/ac -----	2-yr. Avg. ¹ -----
SY Ingmar	59.3	5.0	33.2	15.5	15.4	31.1	57.9	63.8	66.0
SY Valda	58.5	3.8	31.5	13.8	14.1	33.0	58.0	66.0	76.8
SY Soren	58.8	4.5	31.1	15.1	15.4	29.7	57.8	59.1	61.7
Barlow	56.3	4.8	35.2	14.4	15.2	30.6	57.8	61.4	64.7
Bolles	62.0	4.3	32.3	15.5	15.9	32.7	57.3	59.0	64.8
Faller	60.8	6.8	34.2	14.4	14.4	34.6	57.6	69.3	76.4
Linkert	60.8	2.3	31.0	15.9	15.6	32.2	56.3	52.7	64.7
Elgin-ND	59.0	5.3	35.8	15.7	15.5	29.8	56.1	54.5	62.4
Glenn	57.0	6.8	37.5	15.5	15.8	32.2	59.8	58.9	67.2
Boost	61.5	6.0	32.3	15.4	15.4	32.8	56.5	55.5	63.8
CP3504	61.3	3.8	30.7	14.0	14.0	32.2	56.5	66.1	73.0
CP3530	61.5	4.0	37.4	15.4	15.3	31.7	57.2	64.3	77.6
CP3616	59.8	5.0	34.0	16.1	16.0	33.0	55.8	54.0	62.3
CP3888	59.8	5.0	32.7	16.1	--	27.4	55.9	54.7	--
CP3910	55.8	4.8	30.6	14.2	--	29.9	58.2	58.0	--
CP3915	58.8	4.3	33.3	14.8	--	30.4	58.2	63.4	--
CP3939	58.5	3.8	32.1	15.9	--	30.8	56.9	56.2	--
Ambush	57.3	5.0	33.1	15.8	15.6	30.9	57.4	57.5	64.2
Commander	56.8	6.3	34.7	14.9	--	31.6	57.4	60.4	--
Lang-MN	61.0	6.5	34.4	15.3	15.6	28.3	58.1	58.6	70.9
LCS Breakaway	57.0	4.8	30.6	15.9	15.5	31.5	58.6	51.3	64.5
LCS Cannon	55.0	6.3	32.8	14.8	--	29.5	59.0	74.9	--
LCS Rebel	56.0	6.8	34.1	15.3	15.6	33.3	58.2	59.6	67.6
LCS Trigger	63.0	3.0	34.9	12.5	12.8	31.1	58.2	73.0	75.2
MN Washburn	60.3	2.0	31.2	15.2	--	32.2	56.8	57.2	--
Mott	59.5	5.0	37.7	14.3	--	30.0	56.3	53.6	--
MS Barracuda	55.5	3.3	30.9	15.0	--	32.2	57.7	68.8	--
MS Camaro	58.0	5.8	30.8	15.1	15.4	28.7	56.7	51.8	62.2
MS Chevelle	57.3	5.3	33.8	14.1	14.4	29.6	57.1	60.2	65.8
ND VitPro	58.0	3.5	33.6	14.7	15.2	32.4	59.5	60.6	67.5
Shelly	61.5	4.0	30.9	13.8	14.3	32.6	57.2	56.4	67.7
Surpass	55.5	7.0	34.5	14.6	14.8	31.5	56.9	59.9	66.4
SY Longmire	58.5	3.8	31.7	14.8	--	27.9	56.4	57.4	--
SY McCloud	57.3	5.3	33.5	15.5	--	32.6	58.1	66.4	--
SY Rockford	60.5	6.8	33.9	14.3	--	29.6	54.6	53.2	--
SY 611CL2	57.5	5.0	31.5	15.0	--	29.6	58.2	68.0	--
TCG-Climax	61.8	2.3	34.4	16.2	16.2	27.7	58.7	50.2	64.7
TCG-Heartland	57.8	4.0	30.9	15.8	--	32.5	58.0	56.8	--
MEAN	58.7	4.9	33.3	15.1	--	31.4	57.4	59.6	--
C.V. (%)	1.5	33.1	4.4	6.3	--	5.9	1.0	9.7	--
LSD 0.10	1.0	1.9	1.7	1.1	--	2.2	0.7	6.7	--
LSD 0.05	1.2	2.2	2.0	1.3	--	2.6	0.8	8.0	--

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Planting Date = May 7 ; Harvest Date = September 6 ; Previous Crop = Soybean

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

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				2019 ----- % -----	2-yr. Avg. ¹ -----			2019 ----- bu/ac -----	2-yr. Avg. ¹ -----
TCG-Spitfire	61.0	4.3	32.0	14.8	14.6	33.4	55.5	62.1	65.2
TCG-Stalwart	58.3	6.0	32.1	17.0	--	27.8	52.4	42.4	--
Prosper	60.5	7.0	33.8	13.8	14.2	34.1	57.0	61.3	71.7
Rollag	58.5	5.0	31.8	15.9	15.7	34.3	58.5	61.1	65.0
Ballistic	59.0	6.8	33.8	15.1	--	29.8	56.6	64.9	--
AAC Brandon	58.8	3.0	33.0	16.5	--	35.8	57.7	56.2	--
AAC Goodwin	59.3	5.3	33.8	15.2	--	35.1	57.8	62.9	--
AAC Penhold	58.3	4.0	31.1	14.3	--	36.9	57.7	64.5	--
MEAN	58.7	4.9	33.3	15.1	--	31.4	57.4	59.6	--
C.V. (%)	1.5	33.1	4.4	6.3	--	5.9	1.0	9.7	--
LSD 0.10	1.0	1.9	1.7	1.1	--	2.2	0.7	6.7	--
LSD 0.05	1.2	2.2	2.0	1.3	--	2.6	0.8	8.0	--

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

¹ Two-year average is for 2017 and 2019.