

**NDSU: Carrington Research NDSU Carrington Research Extension Center
2020 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 -----	
				2020 ----- % -----	2-yr. Avg. -----			2020 ----- bu/ac -----	2-yr. Avg. -----
SY Ingmar	56.5	1.8	27.8	14.8	15.1	32.7	62.3	81.5	72.7
SY Valda	56.3	4.0	28.1	14.0	13.9	34.3	61.0	90.6	78.3
Bolles	59.0	2.5	30.1	16.8	16.1	35.2	61.4	77.3	68.2
SY Soren	57.3	1.0	26.5	15.4	15.2	31.7	62.0	82.1	70.6
Elgin-ND	54.0	3.8	33.1	14.4	15.0	34.0	61.6	84.3	69.4
Faller	58.5	3.0	30.4	13.4	13.9	37.6	61.7	96.1	82.7
Barlow	53.8	4.0	31.1	14.1	14.2	34.1	63.7	78.4	69.9
Glenn	54.8	3.0	33.6	14.6	15.1	32.9	64.2	79.7	69.3
SY Rockford	60.3	1.8	29.4	14.3	14.3	34.0	60.0	85.7	69.5
Linkert	57.0	1.5	28.1	14.6	15.2	37.4	63.0	83.6	68.2
Shelly	59.3	1.8	27.5	14.0	13.9	34.8	61.9	85.1	70.7
CP3530	58.3	3.3	33.3	13.8	14.6	34.8	61.9	92.8	78.5
Prosper	59.8	3.5	32.0	13.9	13.9	38.1	61.1	93.8	77.6
Rollag	56.5	2.8	29.9	14.5	15.2	36.9	63.0	77.4	69.3
ND VitPro	54.5	2.8	31.1	14.7	14.7	35.3	64.0	80.9	70.7
ND Frohberg	56.0	2.5	33.1	14.8	15.2	39.5	62.6	81.7	69.9
Lang-MN	60.5	1.8	32.7	14.4	14.8	30.3	62.2	78.8	68.7
MN-Torgy	59.8	1.0	30.5	14.6	14.9	32.9	61.5	86.9	74.9
MN Washburn	59.3	1.3	29.7	13.6	14.4	32.4	61.5	79.1	68.2
Boost	59.0	2.8	32.0	14.9	15.1	34.1	60.3	76.1	65.8
Driver	56.0	1.3	30.7	13.4	--	35.9	62.8	83.1	--
LCS Cannon	53.0	3.5	29.3	14.3	14.5	32.9	64.4	83.1	79.0
LCS Rebel	53.3	4.5	30.5	14.5	14.9	36.8	63.3	84.4	72.0
LCS Trigger	62.0	3.0	30.9	12.2	12.4	32.6	61.4	90.6	81.8
LCS Buster	60.3	2.5	32.1	12.2	--	36.1	59.8	100.1	--
DG Ambush	55.0	2.3	29.5	14.1	14.9	37.9	63.1	83.3	70.4
DG Ballistic	59.3	1.3	31.0	13.3	14.2	36.0	62.3	86.1	75.5
Commander	53.5	1.5	28.4	14.4	14.6	36.3	62.5	82.5	71.5
Velocity	56.5	1.5	28.3	14.8	--	32.5	63.4	82.4	--
TCG-Heartland	54.0	1.5	27.9	15.2	15.5	36.1	62.7	83.7	70.3
TCG-Spitfire	58.8	0.8	29.1	13.3	14.0	37.6	60.7	90.3	76.2
TCG-Wildcat	56.8	1.3	29.7	15.3	--	37.1	62.6	84.1	--
CP3903	54.8	1.5	29.8	14.6	--	32.9	63.1	82.0	--
CP3910	54.5	2.8	28.7	14.2	14.2	33.7	63.5	86.7	72.3
CP3915	57.0	1.5	29.7	14.1	14.4	33.1	63.4	85.3	74.4
MS Barracuda	53.5	4.0	27.7	15.0	15.0	35.4	62.3	85.0	76.9
MS Chevelle	55.3	3.5	28.5	13.4	13.7	31.6	62.6	87.8	74.0
MEAN	56.6	2.3	29.7	14.3	--	35.0	62.3	83.7	--
C.V. (%)	1.7	32.1	5.7	4.1	--	4.1	1.1	5.8	--
LSD 0.10	1.1	0.9	2.0	0.7	--	1.7	0.8	5.6	--
LSD 0.05	1.3	1.0	2.4	0.8	--	2.0	1	6.7	--

Planting Date = May 1 ; Harvest Date = August 13 ; Previous Crop = Soybean

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

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				2020 ----- % -----	2-yr. Avg. -----			2020 ----- bu/ac -----	2-yr. Avg.
MS Ranchero	55.3	2.7	32.9	13.0	--	34.3	61.9	87.8	--
AP Murdock	56.3	3.5	28.5	13.0	13.8	33.8	62.1	82.4	73.2
SY 611CL2	55.3	2.5	27.8	13.8	14.4	33.6	63.3	90.2	79.1
SY Longmire	55.8	1.5	29.0	14.5	14.6	35.1	62.4	81.9	69.6
SY McCloud	55.5	1.0	28.9	14.7	15.1	39.7	63.5	83.3	74.8
Dagmar	53.8	4.8	30.9	14.7	--	38.7	62.4	91.3	--
Lanning	55.8	2.3	27.4	14.4	--	35.3	61.0	82.5	--
Allegiant 822	55.3	1.0	28.5	14.1	--	36.5	63.8	81.3	--
Allegiant 834	54.3	1.8	23.8	14.1	--	32.7	61.8	74.8	--
Allegiant 8432	54.3	1.5	29.3	14.4	--	34.3	63.3	86.2	--
AAC Goodwin	58.3	3.0	32.4	14.6	14.9	36.7	62.2	80.0	71.4
AAC Penhold	57.3	0.8	28.6	14.6	14.5	40.9	61.6	75.9	70.2
MEAN	56.6	2.3	29.7	14.3	--	35.0	62.3	83.7	--
C.V. (%)	1.7	32.1	5.7	4.1	--	4.1	1.1	5.8	--
LSD 0.10	1.1	0.9	2.0	0.7	--	1.7	0.8	5.6	--
LSD 0.05	1.3	1.0	2.4	0.8	--	2.0	1	6.7	--

Planting Date = May 1 ; Harvest Date = August 13 ; Previous Crop = Soybean

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