

**NDSU Carrington Research Extension Center
2021 Variety Trial Data**

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

Variety	Days to Heading	Lodging ¹ 0-9	Plant Height in	----- Grain Protein -----		Test Weight lb/bu	KWT g/1000	----- Grain Yield -----	
				2021 ----- % -----	3-yr. Avg.			2021 ----- bu/ac -----	3-yr. Avg.
SY Ingmar	55.3	0.8	31.9	14.64	15.0	63.5	31.3	87.1	77.5
SY Valda	55.5	2.0	31.2	14.20	14.0	62.7	36.6	95.7	84.1
WB9590	52.3	0.5	31.9	14.67	--	63.0	39.0	91.8	--
SY Soren	53.3	0.0	34.1	15.02	15.2	63.2	31.5	83.8	75.0
Glenn	51.5	1.8	37.4	15.32	15.1	65.1	34.4	78.9	72.5
Faller	55.3	4.3	33.9	13.90	13.9	62.6	37.4	93.7	86.4
Bolles	55.8	1.3	36.1	16.34	16.2	62.6	37.0	81.5	72.6
WB9479	51.8	1.3	31.2	14.89	--	63.3	37.5	83.8	--
Shelly	55.5	1.5	30.7	13.79	13.8	63.2	33.9	89.9	77.1
Elgin-ND	52.8	3.5	39.4	14.24	14.8	62.8	33.7	87.1	75.3
ND VitPro	52.3	2.3	35.6	15.03	14.8	64.2	34.8	75.1	72.2
Barlow	51.0	2.8	36.6	14.62	14.4	64.2	34.7	81.6	73.8
Linkert	55.0	1.0	36.7	15.37	15.3	63.2	35.8	79.8	72.0
CP3530	56.0	2.5	37.7	14.04	14.4	62.2	34.6	89.3	82.1
SY McCloud	53.3	1.0	32.1	14.89	--	64.2	38.1	87.9	--
DG Ambush	52.3	2.8	35.4	14.79	14.9	63.8	36.9	89.7	76.8
Prosper	56.0	4.3	36.5	13.59	13.8	62.5	38.2	88.6	81.2
SY Longmire	54.5	2.8	34.4	14.11	--	63.2	33.3	92.8	--
ND Frohberg	53.8	2.3	37.0	14.62	15.0	63.5	39.2	78.3	72.7
MN-Torgy	55.3	0.8	34.5	14.64	14.8	63.5	34.5	87.9	79.2
MN Washburn	56.0	1.5	35.8	14.49	14.4	62.3	32.2	87.7	74.7
Lang-MN	55.5	1.5	36.1	14.49	14.7	63.5	32.8	87.4	74.9
Driver	54.5	2.0	37.1	14.24	--	63.4	30.8	85.4	--
Dagmar	52.0	4.5	38.8	15.07	--	63.2	38.4	88.7	--
Lanning	53.0	2.5	35.0	15.09	--	62.2	36.5	84.5	--
SY 611CL2	53.5	1.0	33.5	13.96	14.2	63.7	32.8	88.6	82.3
TCG-Spitfire	57.5	0.8	32.3	14.09	14.1	62.7	36.6	95.0	82.5
TCG-Wildcat	55.0	0.5	35.5	14.62	--	63.6	36.9	89.4	--
TCG-Heartland	52.3	1.3	35.6	15.01	15.3	64.0	37.3	86.2	75.6
LCS Buster	58.0	1.3	35.9	12.30	--	61.0	34.2	92.9	--
LCS Cannon	49.5	2.0	31.4	14.79	14.6	64.6	34.2	94.9	84.3
Mean	54.6	2.1	35.1	14.38	--	62.9	34.6	88.1	--
C.V. (%)	1.7	42.4	8.8	3.3	--	0.7	5.1	5.2	--
LSD (0.05)	1.3	1.2	4.3	0.67	--	0.6	2.4	6.4	--
LSD (0.10)	1.1	1.0	3.6	0.56	--	0.5	2.1	5.3	--

Planting Date = April 27; Harvest Date = August 13; Previous Crop = Field Pea

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

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Variety	Days to Heading	Lodging ¹ 0-9	Plant Height in	----- Grain Protein -----		Test Weight lb/bu	KWT g/1000	----- Grain Yield -----	
				2021 ----- % -----	3-yr. Avg.			2021 ----- bu/ac -----	3-yr. Avg.
LCS Rebel	52.3	4.0	38.1	14.77	14.8	63.9	35.8	93.5	79.1
LCS Trigger	60.0	2.0	37.0	12.59	12.4	61.7	30.0	91.9	85.1
AP Murdock	54.5	0.8	35.7	14.08	13.9	61.8	32.3	85.7	77.3
AP Gunsmoke CL2	53.5	3.3	32.7	14.53	--	62.8	35.3	93.5	--
AP Smith	57.5	0.5	34.0	14.52	--	62.8	31.2	93.6	--
DG Ballistic	55.3	1.0	37.5	13.04	13.8	61.9	33.9	88.3	79.8
Commander	52.5	1.3	38.0	14.30	14.5	63.2	36.0	89.8	77.6
MS Barracuda	50.3	2.5	32.1	14.96	15.0	62.8	36.9	85.8	79.9
MS Ranchero	53.3	2.5	36.9	14.09	--	62.2	34.2	92.1	--
MS Cobra	54.3	1.3	33.8	14.54	--	62.9	30.6	88.6	--
CAG-Justify	56.8	4.8	35.5	12.93	--	60.4	31.8	85.6	--
CAG-Reckless	53.5	2.5	34.3	14.10	--	63.2	34.6	88.4	--
PFS-Buns	61.0	1.3	34.1	12.76	--	60.4	32.1	94.1	--
CP3915	55.3	1.0	33.9	14.82	14.5	63.3	29.6	83.9	77.6
CP3099A	59.5	1.5	36.4	12.56	--	60.1	36.4	87.2	--
CP3119A	60.0	1.0	33.5	13.07	--	58.9	41.3	87.4	--
CP3188	53.8	5.5	35.6	13.22	--	60.1	29.4	84.3	--
AAC Wheatland VB	54.5	1.8	34.5	15.21	--	62.7	33.5	81.9	--
AAC Starbuck VB	54.3	2.5	36.7	15.33	--	63.7	36.2	88.7	--
AAC Brandon	55.5	3.5	34.2	15.28	--	63.1	35.8	87.6	--
AAC Goodwin	55.8	3.5	39.2	14.34	14.7	63.3	36.1	82.4	75.1
SK Rush	54.5	3.5	35.9	15.47	--	62.2	32.6	90.7	--
Allegiant 822	55.0	3.3	32.6	14.41	--	64.6	35.7	85.2	--
Allegiant 8432	51.8	3.0	33.5	14.44	--	63.9	32.7	99.3	--
Mean	54.6	2.1	35.1	14.38	--	62.9	34.6	88.1	--
C.V. (%)	1.7	42.4	8.8	3.3	--	0.7	5.1	5.2	--
LSD (0.05)	1.3	1.2	4.3	0.67	--	0.6	2.4	6.4	--
LSD (0.10)	1.1	1.0	3.6	0.56	--	0.5	2.1	5.3	--

Planting Date = April 27; Harvest Date = August 13; Previous Crop = Field Pea

¹Lodging score: 0 = no lodging; 9 = plants lying flat