

**NDSU Carrington Research Extension Center
2021 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 ---			Test Weight lb/bu	----- Grain Yield -----		
				2021 ----- % -----	3-yr. Avg.	1000 KWT gram		2021 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
SY Ingmar	70.0	0.5	22.3	15.8	16.5	31.2	63.0	54.2	44.7	45.2
SY Valda	68.5	0.5	21.4	15.6	15.6	32.9	62.1	57.7	53.3	53.5
WB9590	67.3	0.0	20.3	16.7	--	37.4	63.4	56.3	--	--
SY Soren	68.8	0.0	23.0	16.6	17.1	31.6	63.2	49.8	43.2	45.6
Glenn	66.3	0.8	25.7	16.1	16.6	33.7	63.9	54.6	45.0	44.6
Faller	70.5	2.0	27.4	15.6	15.4	31.0	60.6	57.0	55.3	54.0
Bolles	69.8	1.5	28.1	17.5	18.1	33.3	61.9	57.7	45.4	48.3
WB9479	67.0	0.3	21.1	16.9	--	34.8	63.5	60.6	--	--
Shelly	70.3	1.5	25.5	15.5	15.5	31.5	62.6	58.8	56.1	51.1
Elgin-ND	68.0	1.8	30.9	15.0	15.6	33.6	62.5	65.5	56.9	54.5
ND VitPro	68.0	1.5	26.6	16.5	17.2	32.3	63.5	52.5	39.9	43.3
Barlow	67.8	2.0	28.0	16.4	16.4	33.8	63.6	53.4	46.1	45.9
Linkert	68.5	0.8	23.2	16.6	16.9	35.3	63.5	57.0	50.4	50.3
CP3530	70.8	1.8	30.5	15.9	16.1	31.3	60.6	59.6	52.2	52.5
SY McCloud	68.0	0.3	27.0	15.9	16.6	34.8	63.5	62.7	49.6	47.1
DG Ambush	67.0	1.0	24.6	16.0	--	33.2	63.1	60.1	--	--
Prosper	70.8	1.8	24.1	15.8	15.7	34.4	61.0	56.9	54.4	53.8
SY Longmire	69.3	1.5	23.5	15.6	--	31.9	62.3	62.3	--	--
ND Frohberg	68.8	1.3	26.9	15.4	15.8	34.6	62.7	62.6	55.0	53.3
MN-Torgy	68.0	0.3	22.6	15.4	--	33.8	63.7	63.2	59.7	--
MN Washburn	68.8	0.8	21.3	15.6	15.7	30.9	62.0	54.4	48.2	45.5
Lang-MN	68.0	0.3	21.1	15.7	15.7	30.4	63.2	57.8	54.7	52.1
Driver	69.3	1.5	27.3	15.2	--	31.4	63.6	62.2	55.8	--
Dagmar	67.8	1.8	24.5	16.1	--	35.5	62.7	59.3	52.6	--
Lanning	67.0	1.5	23.1	16.7	--	35.6	62.7	56.7	46.6	--
SY 611CL2	68.5	0.3	22.6	16.0	16.9	34.1	64.0	59.5	44.5	46.3
TCG-Spitfire	72.0	0.3	23.1	15.5	15.5	33.6	61.2	59.6	53.6	52.5
TCG-Wildcat	69.0	0.8	20.0	16.0	--	34.1	62.5	50.9	46.2	--
TCG-Heartland	67.5	0.5	22.9	16.9	17.0	34.1	63.2	50.6	43.9	45.2
LCS Buster	70.8	1.3	23.3	14.8	--	32.1	60.7	48.7	46.6	--
LCS Cannon	67.0	2.0	24.1	16.1	16.3	35.0	64.7	52.3	45.1	42.6
LCS Rebel	67.8	2.0	27.3	16.0	16.1	35.8	63.4	58.0	50.8	47.9
LCS Trigger	73.3	1.8	24.0	15.1	14.6	27.7	59.5	58.8	53.8	52.6
MEAN	68.8	1.0	24.1	15.9	--	32.8	62.3	56.4	--	--
C.V. (%)	1.1	45.7	12.6	2.5	--	6.8	1.1	12.7	--	--
LSD 0.10	0.9	0.6	3.5	0.5	--	2.6	0.8	8.3	--	--
LSD 0.05	1.1	0.7	4.2	0.6	--	3.1	0.9	NS	--	--

Planting Date = April 9 ; Harvest Date = July 30 ; Previous Crop = Dry Bean

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

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Variety	Days to Head	Plant Lodge	Plant Height	--- Grain Protein ---			Test Weight	----- Grain Yield -----		
				2021	3-yr. Avg.	1000 KWT		2021	2-yr. Avg.	3-yr. Avg.
		0-9	inch	----- % -----	-----	gram	lb/bu	-----	bu/ac	-----
AP Murdock	68.0	0.5	21.6	15.8	15.6	31.4	62.6	53.9	50.2	49.0
AP Gunsmoke CL2	67.8	2.3	24.3	16.5	--	32.2	61.3	57.7	52.2	--
AP Smith	69.5	0.5	20.5	15.6	--	32.3	63.1	55.0	46.7	--
DG Ballistic	68.3	0.8	23.7	15.7	15.7	32.7	61.8	54.9	51.3	52.1
Commander	67.5	0.8	24.1	16.1	16.7	34.5	62.2	58.1	43.9	46.2
MS Barracuda	66.5	2.0	22.2	16.3	16.6	34.8	63.7	56.6	45.9	44.1
MS Ranchero	66.5	0.5	24.2	15.2	--	34.2	62.6	60.0	55.2	--
MS Cobra	68.0	0.3	24.0	16.1	--	31.8	62.7	56.6	--	--
CAG-Justify	69.8	1.8	24.0	15.4	--	29.0	59.9	60.5	--	--
CAG-Reckless	68.3	2.0	23.3	15.9	--	32.7	63.2	54.3	--	--
PFS-Buns	73.8	0.8	23.6	15.3	--	29.0	59.1	59.8	--	--
CP3915	67.8	0.5	22.9	16.3	15.6	31.8	62.8	54.1	53.6	50.0
CP3099A	73.0	0.0	24.7	14.1	--	31.9	57.9	57.4	--	--
CP3119A	74.3	1.0	22.8	14.6	--	35.9	57.1	50.4	--	--
CP3188	69.3	2.0	27.6	14.4	--	31.3	60.8	57.8	--	--
AAC Wheatland VB	67.3	1.0	22.2	16.0	--	33.9	62.9	54.8	--	--
AAC Starbuck VB	67.8	1.3	24.6	16.4	--	34.0	63.9	57.3	--	--
AAC Brandon	68.8	1.8	25.4	15.9	--	31.8	63.2	63.7	--	--
AAC Goodwin	68.3	0.5	25.2	15.8	--	32.7	63.7	58.6	57.5	--
SK Rush	67.8	1.3	24.1	16.3	--	30.0	62.8	54.0	--	--
Allegiant 822	68.5	0.3	24.8	15.9	--	32.7	63.4	61.1	47.5	--
Allegiant 8432	66.5	0.5	21.3	16.1	--	32.8	63.7	50.5	40.8	--
MEAN	68.8	1.0	24.1	15.9	--	32.8	62.3	56.4	--	--
C.V. (%)	1.1	45.7	12.6	2.5	--	6.8	1.1	12.7	--	--
LSD 0.10	0.9	0.6	3.5	0.5	--	2.6	0.8	8.3	--	--
LSD 0.05	1.1	0.7	4.2	0.6	--	3.1	0.9	NS	--	--

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