

**NDSU Carrington Research Extension Center
2019 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 ----		1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
				2019 ----- % -----	3-yr. Avg.			2019 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
SY Ingmar	57.3	0.5	26.4	15.4	15.6	29.2	59.9	46.2	60.2	59.2
SY Valda	56.0	0.8	26.1	14.7	14.2	31.6	59.6	54.0	62.9	64.3
SY Soren	56.5	0.0	26.5	16.1	15.7	29.0	60.1	50.4	58.0	58.6
Barlow	56.3	1.0	27.7	15.5	14.9	29.6	60.3	45.4	55.9	56.3
Bolles	59.8	0.8	26.4	17.4	16.5	30.8	59.4	54.0	56.3	57.5
Faller	58.5	1.0	28.5	14.5	13.9	35.1	60.1	51.4	63.6	61.9
Linkert	57.0	0.5	24.5	16.4	16.0	33.6	59.7	50.1	56.8	56.9
Elgin-ND	56.3	0.5	27.6	15.6	14.8	29.5	59.0	49.6	56.1	56.6
Glenn	55.5	0.8	27.7	15.8	15.0	28.8	62.5	43.8	51.7	53.3
Boost	59.0	0.3	29.0	15.4	15.0	31.7	58.9	47.6	57.0	58.2
CP3504	58.5	0.5	26.8	14.7	14.2	30.0	58.5	55.1	65.0	63.7
CP3530	58.5	1.3	27.6	15.0	14.5	32.0	58.8	52.9	62.5	61.0
CP3616	57.5	0.0	26.0	16.5	15.7	32.4	59.6	50.3	58.2	59.1
CP3888	57.3	0.3	27.6	15.5	--	31.4	58.2	48.7	61.6	--
CP3910	55.5	1.5	26.3	15.9	--	27.7	58.8	44.2	--	--
CP3915	56.8	0.5	25.7	14.5	--	27.0	58.3	42.9	--	--
CP3939	56.5	0.5	27.5	16.0	--	29.7	59.9	44.2	--	--
Ambush	55.3	1.3	27.6	15.4	14.8	30.9	60.8	45.7	59.1	59.3
Commander	55.0	1.3	25.3	14.7	--	30.7	59.6	50.8	--	--
Lang-MN	57.3	0.3	26.8	15.0	14.8	28.2	60.8	46.9	59.0	58.9
LCS Breakaway	55.5	0.0	24.4	15.5	15.8	32.6	60.7	41.6	57.8	55.3
LCS Cannon	54.8	1.0	24.4	14.8	--	28.1	60.0	37.7	55.4	--
LCS Rebel	55.3	2.0	27.1	15.4	15.1	30.8	60.4	42.0	56.8	56.9
LCS Trigger	61.5	0.5	28.3	13.0	12.8	29.0	58.7	50.0	63.9	63.8
MN Washburn	57.3	0.3	25.9	14.3	--	27.6	57.7	40.2	51.0	--
Mott	57.3	0.3	29.7	16.2	--	28.0	59.5	44.2	--	--
MS Barracuda	54.3	0.8	24.5	15.8	--	32.3	59.5	40.4	53.7	--
MS Camaro	56.8	0.0	25.8	15.3	15.4	28.9	59.7	43.3	52.5	52.7
MS Chevelle	56.3	2.8	26.6	14.0	13.9	28.1	59.2	51.3	64.2	63.0
ND VitPro	56.0	1.0	27.5	15.7	15.5	29.7	61.2	50.1	52.8	54.0
Shelly	57.0	0.8	25.3	14.2	14.1	28.3	59.0	41.1	57.6	60.5
Surpass	55.5	0.8	25.1	15.0	14.7	28.4	58.9	42.5	58.0	--
SY Longmire	56.5	1.3	27.4	15.7	--	29.8	59.9	47.8	56.5	--
SY McCloud	55.3	0.8	26.8	15.6	--	33.1	61.1	41.9	52.2	--
SY Rockford	58.0	0.5	29.2	15.2	--	29.4	57.4	53.7	59.4	--
SY 611CL2	56.5	0.8	25.1	15.5	--	30.0	60.4	49.9	55.5	--
TCG-Climax	61.3	0.0	28.1	16.6	16.0	27.9	61.0	43.5	55.2	57.8
TCG-Heartland	55.5	2.0	26.0	15.7	--	30.0	60.8	47.7	--	--
TCG-Spitfire	58.3	0.3	26.8	14.4	14.3	31.7	57.9	50.4	60.4	62.4
TCG-Stalwart	56.3	0.8	25.8	16.4	--	28.0	55.7	38.2	--	--
MEAN	56.8	0.8	26.8	15.3	--	30.2	59.6	47.4	--	--
C.V. (%)	1.6	72.3	7.5	2.2	--	4.7	1.4	10.4	--	--
LSD 0.10	1.1	0.7	2.3	0.4	--	1.7	0.9	5.8	--	--
LSD 0.05	1.3	0.8	2.8	0.5	--	2.0	1.1	6.9	--	--

Planting Date = May 3 ; Harvest Date = August 20 ; Previous Crop = Flax

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

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Carrington (Page 2 of 2)

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				2019 ----- % -----	3-yr. Avg.			2019	2-yr. Avg.	3-yr. Avg.
Prosper	57.8	0.8	26.4	14.2	14.0	31.6	59.9	52.6	63.5	63.4
Rollag	56.8	1.8	24.8	15.7	15.5	28.3	59.7	40.6	50.8	53.4
Ballistic	57.3	1.0	28.8	14.5	--	29.6	58.5	53.6	--	--
AAC Brandon	57.3	1.3	26.4	15.0	--	29.8	57.8	41.7	51.6	--
AAC Goodwin	56.0	1.3	27.1	15.0	--	31.0	59.7	50.5	60.9	--
AAC Penhold	56.5	0.8	24.9	14.7	--	35.0	60.1	46.9	59.4	--
MEAN	56.8	0.8	26.8	15.3	--	30.2	59.6	47.4	--	--
C.V. (%)	1.6	72.3	7.5	2.2	--	4.7	1.4	10.4	--	--
LSD 0.10	1.1	0.7	2.3	0.4	--	1.7	0.9	5.8	--	--
LSD 0.05	1.3	0.8	2.8	0.5	--	2.0	1.1	6.9	--	--

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