

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

Hard Red Spring Wheat										Barnes County - Dazey	
Variety	Plant Height inch	Plant Lodge 0 to 9	Bacterial		--- Grain Protein ---			Test Weight lb/bu	----- Grain Yield -----		
			Leaf Streak ¹ %	Scab Incidence ² 0 to 10	2019	3-yr. Avg.	1000 KWT gram		2019	2-yr. Avg.	3-yr. Avg.
SY Ingmar	29.5	1.3	5.8	2.8	15.5	15.2	27.0	56.2	65.3	68.8	72.8
SY Valda	28.3	3.0	2.5	3.3	14.7	14.2	29.3	55.8	65.0	69.9	77.3
SY Soren	29.3	1.8	3.8	2.8	15.2	15.0	27.1	57.1	64.4	66.5	73.5
Barlow	29.9	1.5	5.8	3.0	14.9	15.1	28.1	56.6	60.0	64.0	70.8
Bolles	29.9	2.8	25.0	2.8	16.7	16.8	27.6	54.8	56.4	58.7	67.0
Faller	29.3	3.0	16.3	1.5	14.5	14.1	31.4	56.2	64.3	69.9	77.0
Linkert	29.9	1.8	3.0	4.0	15.5	15.3	31.1	55.5	57.8	62.0	68.4
Elgin-ND	30.8	3.8	6.5	3.0	15.6	15.2	27.2	55.2	58.9	62.9	72.1
Glenn	30.5	2.5	2.8	2.3	15.4	15.5	29.2	59.3	55.6	59.8	67.7
Boost	31.1	3.5	4.3	1.0	14.5	14.5	30.7	56.3	63.0	67.9	74.0
CP3530	32.1	3.5	10.0	2.8	15.8	15.4	28.5	55.9	62.7	69.3	77.6
CP3888	29.9	1.5	4.8	3.8	14.8	--	28.1	54.9	60.0	66.6	--
CP3939	29.7	2.3	8.8	1.8	15.6	--	28.7	55.7	59.2	--	--
Ambush	29.1	2.8	13.3	3.0	15.4	--	29.0	56.8	62.0	--	--
Commander	28.7	3.5	2.5	2.3	14.5	--	29.6	57.6	67.9	--	--
Lang-MN	30.7	3.3	3.3	1.3	15.0	15.3	28.6	58.9	69.5	70.3	75.7
LCS Cannon	27.0	3.3	4.5	1.3	14.2	--	26.8	57.8	67.2	--	--
LCS Rebel	29.9	3.5	10.0	2.5	15.3	15.1	29.3	57.8	60.9	67.2	74.2
LCS Trigger	30.1	3.5	4.0	1.3	11.9	12.0	29.2	57.6	74.7	76.9	82.6
MN Washburn	29.9	2.3	18.8	4.0	14.3	--	27.3	55.6	49.2	--	--
MS Barracuda	26.4	4.5	17.8	1.3	15.4	--	26.8	54.9	54.4	66.8	--
MS Chevelle	28.9	5.3	10.0	2.3	14.3	--	25.4	54.2	54.7	--	--
ND VitPro	30.1	3.8	4.5	1.0	15.4	15.5	30.0	58.6	58.6	62.4	69.4
Shelly	28.5	2.8	5.0	1.3	13.9	13.8	27.0	56.2	63.1	69.9	78.8
SY McCloud	30.5	2.8	3.0	2.8	15.2	--	32.7	58.1	66.9	--	--
TCG-Climax	30.9	1.5	18.8	1.3	16.1	--	26.4	58.8	60.3	64.1	--
TCG-Heartland	30.5	2.3	6.8	3.5	16.0	--	30.5	57.0	59.9	--	--
TCG-Spitfire	31.7	2.8	9.5	2.5	14.1	--	30.6	55.9	67.0	70.6	--
TCG-Stalwart	28.9	4.0	53.8	1.5	17.7	--	22.9	47.8	27.4	--	--
Ballistic	30.3	2.3	8.8	3.3	14.8	--	27.1	54.8	68.0	--	--
MEAN	29.7	2.9	9.4	2.4	15.1	--	28.5	56.3	60.9	--	--
C.V. (%)	5.3	47.5	95.6	58.5	1.9	--	4.6	1.5	7.9	--	--
LSD 0.10	1.9	1.6	10.5	1.6	0.3	--	1.5	1.0	5.7	--	--
LSD 0.05	2.2	1.9	12.6	1.9	0.4	--	1.8	1.2	6.8	--	--

Planting Date = May 10 ; Harvest Date = September 6 ; Previous Crop = Soybean

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

¹ Bacterial Leaf Streak: Ratings recorded on July 23 to capture relative differences in BLS plot severity among varieties.

² Scab Incidence: Scored on July 23 to capture relative differences in the incidence of head scab. 0 = none, 10 = high.