

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

Hard Red Spring Wheat							Tri-County - Wishek		
Variety	Plant Height inch	Plant Lodge 0 to 9	---- Grain Protein ----			Test Weight lb/bu	----- Grain Yield -----		
			2019 ----- % -----	3-yr. Avg. -----	1000 KWT gram		2019 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
SY Ingmar	28.3	0.8	16.7	16.2	24.2	55.7	48.8	56.3	51.5
SY Valda	28.7	0.8	15.9	15.4	27.9	56.1	54.2	59.0	54.5
SY Soren	26.7	0.8	16.7	16.3	25.7	56.3	48.3	56.6	52.0
Barlow	30.8	1.8	16.7	16.1	27.3	57.0	49.6	56.0	49.5
Bolles	30.5	1.3	18.3	18.2	28.5	55.9	47.9	54.2	48.5
Faller	30.3	3.5	14.9	14.9	28.5	56.1	51.1	58.8	49.2
Linkert	27.7	1.5	16.9	16.5	27.1	54.4	41.5	47.7	44.0
Elgin-ND	32.6	2.0	16.2	15.9	25.9	56.1	49.6	58.7	50.0
Glenn	31.8	3.5	16.4	16.1	27.1	59.2	45.0	52.5	44.7
Boost	32.8	2.8	15.7	15.9	25.7	55.1	44.0	50.9	45.7
CP3530	31.6	3.3	16.5	--	29.8	56.1	56.5	--	--
CP3888	29.0	1.8	16.1	--	26.1	54.3	46.5	--	--
CP3939	29.8	2.5	16.7	--	27.2	55.5	47.9	--	--
Ambush	27.8	0.8	16.7	--	30.3	57.3	47.1	--	--
Commander	28.7	1.3	16.4	--	27.8	55.6	49.9	--	--
Lang-MN	30.6	2.3	16.7	16.3	23.7	55.5	45.1	53.6	48.8
LCS Cannon	27.1	1.5	16.4	--	27.1	57.5	43.9	--	--
LCS Rebel	29.7	1.5	17.0	16.4	32.8	58.0	47.3	53.8	48.9
LCS Trigger	31.9	5.8	13.7	14.0	24.3	55.0	44.1	54.5	50.1
MN Washburn	28.7	1.3	16.0	--	25.0	53.7	44.1	--	--
MS Barracuda	27.0	1.3	17.4	--	30.5	55.9	43.1	46.8	--
MS Chevelle	28.0	3.3	15.6	--	24.3	55.1	45.0	--	--
ND VitPro	28.6	2.5	16.4	16.4	26.0	57.9	46.2	50.4	45.3
Shelly	27.5	2.8	16.0	15.3	23.6	53.9	44.3	55.4	51.0
SY McCloud	30.2	2.8	16.2	--	27.6	56.0	43.6	--	--
SY Rockford	29.5	5.5	16.3	--	22.2	49.6	37.3	47.6	--
TCG-Climax	29.6	3.0	17.5	--	22.9	56.8	42.6	49.7	--
TCG-Heartland	26.8	3.3	17.1	--	25.2	54.9	38.4	--	--
TCG-Spitfire	29.1	2.3	15.3	--	24.6	52.4	49.8	54.6	--
TCG-Stalwart	28.7	1.5	18.1	--	22.2	48.9	29.2	--	--
Ballistic	32.3	3.0	15.8	--	27.9	54.8	50.8	--	--
MEAN	29.4	2.3	16.4	--	26.5	55.5	46.3	--	--
C.V. (%)	5.1	42.1	1.7	--	4.7	1.5	7.7	--	--
LSD 0.10	1.7	1.1	0.3	--	1.5	1.0	4.2	--	--
LSD 0.05	2.1	1.4	0.4	--	1.7	1.1	5.0	--	--

Planting Date = May 30 ; Harvest Date = September 18 ; Previous Crop = Soybean

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