

**NDSU Carrington Research Extension Center  
2018 Variety Trial Data**

<b>Hard Red Spring Wheat</b>							<b>Tri-County - Wishek</b>		
Variety	Days to Head	Plant Height inch	--- Grain Protein ---			Test Weight lb/bu	----- Grain Yield -----		
			2018 ----- %	3-yr. Avg. -----	1000 KWT gram		2018 -----	2-yr. Avg. bu/ac	3-yr. Avg. -----
SY Ingmar	53.5	30.1	16.1	14.8	31.0	61.4	63.9	52.9	61.2
SY Soren	52.5	29.5	16.0	15.4	31.0	61.3	64.9	53.9	60.8
Linkert	52.8	28.9	16.7	15.7	36.8	61.3	53.9	45.3	57.8
Barlow	50.8	34.1	16.1	15.4	33.0	62.1	62.4	49.4	57.8
Elgin-ND	52.8	34.4	15.7	15.2	33.3	60.9	67.7	50.2	59.1
SY Valda	52.0	28.3	15.3	14.6	34.6	60.4	63.9	54.7	63.4
Glenn	51.0	34.4	16.2	15.5	33.6	64.1	60.0	44.6	51.4
Prosper	54.8	32.3	15.1	14.6	39.7	61.5	63.0	49.0	61.1
Faller	55.5	30.3	15.0	14.5	40.0	61.5	66.6	48.3	61.7
Bolles	56.8	31.5	18.6	17.7	38.2	61.0	60.6	48.8	50.7
Rollag	53.0	29.9	16.4	15.8	35.9	61.8	60.0	48.4	57.6
Lang-MN	56.3	34.3	16.7	15.7	34.0	62.1	62.0	50.7	59.1
ND VitPro	52.5	31.9	16.7	15.9	34.2	63.1	54.5	44.8	55.7
Shelly	55.8	30.5	15.4	14.6	35.0	62.2	66.5	54.4	60.3
Boost	56.8	31.5	16.2	15.6	35.7	60.3	57.9	46.6	54.6
Surpass	50.3	31.7	15.5	14.7	30.3	60.3	65.7	49.9	54.6
WB9479	52.3	27.0	17.3	--	34.6	61.2	56.3	46.1	--
WB9590	51.8	27.0	16.6	--	36.2	61.1	56.0	46.3	--
WB9719	54.3	28.7	15.1	--	34.4	64.0	64.2	55.5	--
TCG Climax	58.0	29.1	17.5	--	32.9	63.3	56.7	--	--
TCG Spitfire	55.3	28.1	15.2	--	36.4	60.8	59.4	--	--
MS Camaro	51.0	26.8	16.4	--	33.7	62.0	52.1	--	--
MS Barracuda	51.5	26.6	16.6	--	37.1	61.7	50.5	--	--
SY Rockford	55.3	30.9	15.9	--	36.8	60.1	57.8	--	--
HRS 3419	58.0	29.3	15.4	14.9	33.6	60.8	62.6	49.9	54.4
HRS 3504	53.8	28.0	14.5	14.5	33.0	60.2	60.6	49.5	58.2
HRS 3530	54.8	32.3	16.1	15.5	37.4	61.0	61.5	49.5	58.8
HRS 3616	52.0	29.5	16.6	16.0	35.8	60.4	63.0	49.3	55.5
HRS 3888	53.8	28.7	15.7	--	34.7	60.3	61.1	--	--
LCS Rebel	51.5	30.5	16.2	--	37.9	62.4	60.2	49.7	--
LCS Trigger	57.3	31.9	14.3	--	35.5	61.4	64.9	53.1	--
Prosper/ND VitPro <sup>1</sup>	54.0	30.9	15.8	--	37.6	62.3	57.2	46.9	--
MEAN	53.8	30.4	16.0	--	35.1	61.5	60.7	--	--
C.V. (%)	1.7	5.9	2.4	--	3.2	0.7	10.0	--	--
LSD 0.10	1.1	2.1	0.4	--	1.3	0.5	7.2	--	--
LSD 0.05	1.3	2.5	0.5	--	1.6	0.6	8.5	--	--

**Planting Date = May 4 ; Harvest Date = August 16 ; Previous Crop = Soybean**

\*\* Plant lodging scores were determined, however there was zero lodging to record.

\*\* Spring wheat seeding rate used in this trial was 1,400,000 pure live seeds acre<sup>-1</sup>

<sup>1</sup> This treatment represent an equal mixture of PLS seed (700K:700K) from each variety at planting.

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