

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

<b>Hard Red Spring Wheat</b>								<b>Barnes County - Dazey</b>		
Variety	Days to Head	Plant Height inch	Plant Lodge 0 to 9	--- Grain Protein ---			Test Weight lb/bu	----- Grain Yield -----		
				2018 ----- %	3-yr. Avg. -----	1000 KWT gram		2018 ----- bu/ac	2-yr. Avg.	3-yr. Avg.
SY Ingmar	46.5	30.7	0.5	15.0	--	29.4	60.8	72.2	76.6	--
SY Soren	45.3	31.4	0.3	14.9	14.8	29.3	60.0	68.6	78.1	74.3
Linkert	45.8	34.1	0.0	15.1	14.9	33.6	60.3	66.2	73.7	75.0
Barlow	44.8	32.9	0.5	15.4	15.2	33.0	62.1	68.1	76.3	77.4
Elgin-ND	46.0	36.0	2.0	15.2	15.0	31.4	59.9	66.8	78.6	77.0
SY Valda	46.8	31.9	1.3	14.4	14.0	30.9	60.1	74.8	83.5	83.3
Glenn	45.0	32.9	0.5	15.8	15.4	32.3	63.0	64.0	73.8	72.2
Prosper	47.8	35.4	1.3	14.5	14.1	37.1	60.6	76.4	85.9	84.6
Faller	48.5	35.3	1.8	14.2	13.9	36.2	60.5	75.5	83.3	83.9
Bolles	49.8	35.0	1.0	17.0	16.6	33.0	59.3	61.0	72.3	69.6
Rollag	46.8	31.7	1.0	15.6	15.3	33.6	61.5	65.7	73.7	74.8
Lang-MN	49.5	35.6	1.5	15.3	15.2	30.1	61.2	71.1	78.8	78.8
ND VitPro	46.3	33.7	0.5	15.5	15.3	33.0	62.7	66.1	74.8	73.6
Shelly	47.5	33.3	0.3	14.0	13.9	33.1	61.0	76.7	86.7	85.8
Boost	48.3	38.9	0.5	14.6	14.6	32.1	59.4	72.8	79.5	77.7
Surpass	45.0	31.0	1.8	14.8	14.5	29.9	60.0	73.8	78.7	79.9
WB9479	45.5	29.1	0.5	15.8	--	33.9	60.5	72.3	81.2	--
WB9590	45.8	31.3	1.0	15.1	--	34.2	60.4	77.1	84.0	--
WB9719	47.8	34.3	2.5	14.5	--	32.9	63.1	70.8	83.6	--
TCG Climax	49.3	34.7	0.5	16.1	--	28.6	62.5	67.9	--	--
TCG Spitfire	48.8	32.7	1.0	13.8	--	34.0	60.0	74.2	--	--
MS Camaro	46.3	32.1	0.3	14.6	--	29.5	60.2	70.0	--	--
MS Barracuda	44.0	30.9	1.3	15.0	--	36.1	61.2	79.3	--	--
HRS 3419	50.5	32.3	0.8	13.0	13.3	27.8	58.4	72.7	86.8	86.8
HRS 3504	46.5	30.1	0.0	13.8	13.7	29.5	58.8	72.0	80.3	79.9
<b>HRS 3530</b>	<b>48.3</b>	<b>33.0</b>	<b>0.8</b>	<b>15.6</b>	<b>14.8</b>	<b>34.1</b>	<b>60.6</b>	<b>75.9</b>	<b>85.0</b>	<b>86.4</b>
HRS 3616	46.8	32.9	0.5	15.3	15.6	33.5	59.4	75.9	84.0	76.5
HRS 3888	46.5	32.9	0.5	14.8	--	31.3	58.9	73.3	--	--
LCS Rebel	45.0	35.8	2.0	15.1	--	33.8	61.9	73.4	80.9	--
LCS Trigger	50.8	33.6	1.0	12.1	--	31.1	60.3	79.2	86.6	--
MEAN	46.9	33.2	0.9	14.9	--	32.4	60.7	71.2	--	--
C.V. (%)	1.4	8.9	90.2	1.5	--	3.2	0.6	6.5	--	--
LSD 0.10	0.8	3.5	0.9	0.27	--	1.2	0.4	5.5	--	--
LSD 0.05	0.9	4.2	1.1	0.32	--	1.4	0.5	6.5	--	--

**Planting Date = May 15 ; Harvest Date = August 21 ; Previous Crop = Soybean**

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