

**NDSU Carrington Research Extension Center**  
**2016 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 --		1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
				2016 ----- %	3-yr. Avg. -----			2016 ----- bu/ac	2-yr. Avg.	3-yr. Avg.
Barlow	50.8	34.7	4.5	15.2	15.0	31.6	58.0	79.6	75.4	80.2
SY Soren	51.8	31.1	4.8	14.8	14.8	24.5	54.7	66.7	70.2	77.8
Elgin-ND	51.3	36.0	4.5	14.9	14.8	27.6	55.8	73.7	71.9	80.5
Prosper	54.5	34.3	4.8	14.3	13.7	34.5	56.9	82.1	76.7	87.1
Faller	54.3	34.1	4.8	14.1	13.7	33.9	57.3	85.2	79.0	89.3
Glenn	49.8	37.3	2.8	14.9	15.1	30.2	59.4	69.1	72.1	79.9
WB-Mayville	50.8	30.4	3.5	14.2	14.6	33.1	56.3	79.5	71.7	74.5
Filler (Glenn)	51.0	38.4	3.3	14.7	--	31.0	59.5	69.9	--	--
Brennan	51.3	28.5	7.0	14.9	14.8	27.4	55.2	64.2	66.4	70.5
SY Rowyn	51.8	31.4	6.5	13.9	13.8	27.3	56.5	77.2	74.8	80.7
Rollag	52.0	32.5	2.8	15.0	15.1	30.3	58.2	77.2	75.6	80.7
Linkert	52.8	28.9	2.0	14.4	14.9	30.7	57.4	77.4	68.6	74.1
Shelly	54.3	31.7	4.0	14.1	--	29.4	56.7	84.2	--	--
Bolles	56.0	33.0	4.8	16.0	--	28.6	53.9	64.4	66.5	--
Boost	56.0	31.9	5.8	14.7	--	29.2	56.8	74.2	--	--
Surpass	49.8	32.1	5.3	13.9	--	30.0	58.0	82.3	--	--
Focus	49.0	36.4	4.8	14.1	--	32.5	59.3	78.5	78.7	--
Prevail	53.0	35.9	3.5	13.8	13.9	30.8	57.1	78.1	80.2	84.6
Forefront	50.0	37.5	5.0	14.1	14.6	31.1	57.5	77.5	77.8	81.9
Jenna	56.0	31.4	5.3	14.9	14.6	30.7	55.4	74.0	71.3	78.3
HRS 3361	54.3	32.5	4.5	13.6	--	27.4	54.5	82.1	73.4	--
HRS 3419	56.8	33.7	3.0	13.8	--	27.9	56.7	86.8	85.1	--
HRS 3504	53.8	30.0	2.8	13.6	--	27.8	54.8	79.1	69.9	--
<b>HRS 3530</b>	<b>53.0</b>	<b>36.2</b>	<b>4.0</b>	<b>14.3</b>	<b>--</b>	<b>34.3</b>	<b>58.8</b>	<b>89.1</b>	<b>82.3</b>	<b>--</b>
HRS 3616	52.5	31.1	6.0	15.8	--	26.4	53.7	61.5	--	--
LCS Anchor	50.8	29.4	6.5	14.6	--	31.1	56.9	67.2	--	--
LCS Nitro	56.0	30.7	5.5	13.4	12.7	27.5	55.5	80.0	78.5	82.6
LCS Prime	50.8	34.2	4.5	13.2	--	32.4	58.1	77.8	--	--
LCS Breakaway	50.3	30.7	4.0	14.8	--	28.5	57.6	79.4	--	--
MS Chevelle	51.5	32.6	4.8	14.1	13.5	25.3	54.6	67.7	72.0	81.9
SY Valda	51.8	30.7	5.3	13.9	--	29.2	56.9	83.0	74.7	--
WB9507	51.3	34.4	5.8	14.3	14.0	32.9	54.9	83.7	74.6	84.1
WB9653	51.3	30.8	5.8	13.8	--	28.6	55.7	80.5	72.9	--
Faller {1.8M PLS}	53.5	33.7	5.8	14.1	--	33.5	57.4	84.7	--	--
WB-Mayville {1.8 M PLS}	51.5	30.2	4.8	14.5	--	33.7	57.0	79.9	--	--
MEAN	52.4	33.1	4.6	14.4	--	30.0	56.8	76.8	--	--
C.V. (%)	1.6	4.5	26.7	2.2	--	6.4	1.6	7.8	--	--
LSD 0.10	1	1.8	1.4	0.4	--	3.6	1.1	7.1	--	--
LSD 0.05	1.2	2.1	1.7	0.5	--	2.7	1.3	8.4	--	--

**Planting Date = April 29 ; Harvest Date = August 17 ; Previous Crop = Soybean**

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