

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

Hard Red Spring Wheat							Barnes County - Dazey			
Variety	Days to Head	Plant Height inch	Plant Lodge 0 to 9	-- Grain Protein --		1000 KWT gram	Test Weight lb/bu	----- Grain Yield -----		
				2017 ----- % -----	3-yr. Avg. -----			2017 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
SY Soren	57.8	71.8	0.0	14.8	14.6	29.9	60.6	87.6	77.2	76.0
SY Ingmar	57.8	71.3	0.0	15.2	--	30.7	60.6	80.9	--	--
Elgin-ND	58.5	89.3	0.8	14.9	14.8	33.4	59.9	90.5	82.1	78.1
Barlow	56.3	82.0	1.0	15.1	14.9	33.6	61.1	84.4	82.0	78.4
Glenn	55.8	85.3	1.5	15.5	15.1	34.0	62.7	83.6	76.3	75.9
Faller	59.1	83.8	1.3	13.5	13.6	37.4	60.7	91.2	88.2	83.1
Prosper	58.3	85.0	1.5	13.6	13.7	38.9	60.7	95.4	88.7	83.0
Linkert	58.0	71.8	0.0	15.3	14.8	35.6	60.6	81.3	79.3	72.8
WB-Mayville	55.5	69.3	0.0	15.3	14.6	36.4	60.6	88.7	84.1	77.4
Rollag	57.5	77.3	0.3	15.3	15.0	34.9	61.4	81.7	79.4	77.6
Bolles	60.1	83.8	0.5	16.9	16.3	35.0	59.7	83.5	74.0	72.2
Boost	58.8	84.0	0.5	14.6	--	34.4	60.2	86.2	80.2	--
HRS 3100	58.0	77.3	0.0	14.1	--	31.8	59.4	91.9	--	--
HRS 3419	59.3	76.8	0.3	13.1	13.0	30.7	59.7	100.8	93.8	90.3
HRS 3504	58.0	74.3	0.0	13.8	13.5	29.2	58.2	88.6	83.8	76.1
HRS 3530	58.0	84.5	1.0	14.7	14.5	36.0	60.4	94.1	91.6	86.3
HRS 3616	56.5	79.3	0.3	15.8	--	35.7	59.9	92.1	76.8	--
Lang-MN	58.3	86.8	0.3	15.5	--	31.9	61.6	86.4	82.7	--
LCS Breakaway	54.5	74.3	0.3	14.9	--	32.1	61.8	84.4	81.9	--
LCS Rebel	56.3	83.5	1.5	14.7	--	34.9	61.7	88.4	--	--
LCS Trigger	60.3	82.8	0.5	12.1	--	34.2	61.3	94.0	--	--
ND VitPro	56.8	76.8	1.8	15.6	--	34.3	62.0	83.4	77.4	--
Prevail	58.1	84.3	0.3	14.5	13.9	33.5	60.1	86.5	82.3	82.3
Shelly	58.4	77.5	0.3	13.6	--	35.4	61.4	96.7	90.4	--
Surpass	56.8	80.0	1.0	14.7	--	30.8	59.4	83.6	82.9	--
SY Valda	56.8	77.0	1.0	13.7	13.7	32.3	60.4	92.2	87.6	80.6
WB9479	56.3	69.8	0.0	15.7	--	35.6	60.8	90.1	--	--
WB9590	56.3	69.3	0.0	15.3	--	36.3	60.6	91.0	--	--
WB9719	58.5	76.3	0.5	14.6	--	35.1	62.7	96.5	--	--
Prosper/ND VitPro ^A	57.8	85.3	1.3	14.6	--	36.5	61.5	89.3	--	--
Shelly/Bolles ^A	59.8	83.3	0.0	15.5	--	34.9	60.5	86.1	--	--
WB-Mayville {1.8}	55.0	72.3	0.0	15.4	--	35.9	60.8	89.5	84.7	--
MEAN	57.5	79.2	0.5	14.8	--	34.1	60.8	88.4	--	--
C.V. (%)	1.7	4.9	102.7	1.3	--	3.0	0.5	4.4	--	--
LSD 0.10	1.1	4.6	0.6	0.2	--	1.2	0.3	4.6	--	--
LSD 0.05	1.4	5.5	0.8	0.3	--	1.4	0.4	5.5	--	--

Planting Date = May 11 ; Harvest Date = August 28 ; Previous Crop = Soybean

** Wheat seeding rate used in this trial was 1,400,000 pure live seeds acre⁻¹ except treatment 34.

^A These treatments 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.