

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

Hard Red Spring Wheat							Tri-County - Wishek		
Variety	Days to Head	Plant Height inch	--- 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	53.3	27.4	16.2	15.0	25.2	59.2	42.9	58.7	50.1
SY Ingmar	54.5	28.9	15.9	14.4	23.8	58.8	42.0	59.9	55.6
Elgin-ND	55.3	31.8	15.6	14.5	23.8	57.5	32.8	54.8	53.1
Barlow	51.8	29.1	15.5	14.7	27.2	59.9	36.5	55.4	53.2
Glenn	52.3	29.7	15.8	15.0	25.5	61.1	29.2	47.2	49.1
Faller	55.5	28.0	14.9	13.9	25.6	57.3	30.0	59.2	54.9
Prosper	56.0	30.4	15.0	14.1	26.9	57.2	35.0	60.2	54.0
Linkert	53.0	29.3	16.0	15.1	27.9	57.9	36.6	59.7	60.1
WB-Mayville	52.5	27.2	16.8	15.1	28.2	58.4	37.9	54.4	53.4
Rollag	53.5	30.1	16.2	15.4	25.3	58.8	36.7	56.3	58.4
Bolles	56.8	31.1	17.7	16.8	26.1	57.4	37.1	45.8	49.8
Boost	56.5	29.7	15.9	--	26.9	57.3	35.3	52.9	--
HRS 3100	54.5	30.2	16.0	--	26.5	57.1	40.7	--	--
HRS 3419	57.5	28.3	15.2	14.2	23.4	56.7	37.2	50.3	56.9
HRS 3504	55.3	26.7	15.7	14.0	24.7	57.3	38.3	57.0	53.7
HRS 3530	56.3	31.5	15.5	14.8	28.1	58.6	37.5	57.5	53.7
HRS 3616	53.5	31.0	16.4	--	26.1	57.0	35.7	51.7	--
Lang-MN	54.8	31.9	15.7	--	24.2	58.7	39.3	57.6	--
LCS Breakaway	52.0	26.2	16.2	--	27.3	59.3	30.6	49.2	--
LCS Rebel	53.0	29.3	16.1	--	28.2	59.8	39.2	--	--
LCS Trigger	58.3	28.9	14.1	--	26.4	58.7	41.2	--	--
Mott	54.0	31.3	16.2	14.9	23.3	57.8	37.4	57.4	55.8
ND VitPro	53.0	29.9	16.0	--	26.3	59.9	35.1	56.3	--
Prevail	52.3	29.4	14.5	14.0	25.3	57.4	37.7	50.9	55.9
Shelly	55.0	27.1	14.6	--	26.6	59.2	42.3	57.3	--
Surpass	51.3	27.1	14.6	--	23.4	58.3	34.1	49.0	--
SY Valda	53.3	27.1	15.2	14.1	27.4	60.2	45.6	63.1	58.4
WB9479	52.0	25.8	16.5	--	26.6	58.2	35.8	--	--
WB9590	53.0	25.4	16.3	--	29.5	58.0	36.5	--	--
WB9719	54.0	28.6	15.7	--	28.3	61.9	46.8	--	--
Prosper/ND VitPro ^{-A}	53.3	29.5	15.8	--	26.8	58.1	36.5	--	--
Shelly/Bolles ^{-A}	56.5	28.9	16.1	--	26.5	58.5	32.5	--	--
WB-Mayville {1.8M}	52.5	26.9	17.0	--	27.2	58.2	36.6	--	--
MEAN	53.9	29.1	15.8	--	26.2	58.6	37.3	--	--
C.V. (%)	2.2	6.4	3.3	--	5.7	1.3	12.0	--	--
LSD 0.10	1.4	2.2	0.6	--	1.8	0.9	5.3	--	--
LSD 0.05	1.7	2.6	0.7	--	2.1	1.1	6.3	--	--

Planting Date = May 5 ; Harvest Date = August 11 ; Previous Crop = Soybean

** Spring wheat seeding rate used in this trial was 1,400,000 pure live seeds acre⁻¹, except trmt.#36.

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

A: These treatments represent an equal mixture of PLS seed (700K:700K) from each variety at planting.