

**NDSU Langdon Research Extension Center**  
**2017 Variety Trial**

**Hard Red Spring Wheat - 2017** **Langdon**

Variety	Days to Head	Plant Height	Lodging	Test Weight	Protein %	Grain Yield			Average Yield	
						2015	2016	2017	2	3
		in	0-9	lbs/bu		bu/a			year	year
Glenn	55.3	42.0	0.5	63.8	Not	74.8	64.3	71.1	67.7	70.1
Barlow	55.8	41.3	1.8	61.5	Yet	73.5	59.6	74.3	67.0	69.1
Faller	58.5	39.0	0	61.5	Available	74.1	79.0	82.2	80.6	78.4
Prosper	58.3	38.1	0.3	60.8		70.8	77.8	82.5	80.2	77.0
Elgin-ND	58.0	42.9	0	61.1		72.9	64.7	81.4	73.1	73.0
ND-VitPro	56.8	37.3	0	62.7		73.4	63.0	71.6	67.3	69.3
Rollag	57.5	34.9	0	62.4		75.0	71.2	75.7	73.5	74.0
Linkert	57.5	31.0	0	60.8		76.1	62.8	63.8	63.3	67.6
Bolles	60.8	36.7	0	61.2		73.0	62.6	74.1	68.4	69.9
Shelly	59.3	35.5	0	61.9		79.8	71.1	81.4	76.3	77.4
Lang-MN	60.0	40.7	0	63.3		--	60.2	77.6	68.9	--
Prevail	55.5	39.1	0	61.4		73.6	65.9	76.0	71.0	71.8
Boost	60.0	38.1	0	60.7		72.1	60.5	78.9	69.7	70.5
Surpass	53.5	39.7	3	60.9		78.4	58.5	80.2	69.4	72.4
HRS 3100	58.3	37.9	0	60.1		--	69.5	75.3	72.4	--
HRS 3419	61.0	36.9	0	61.6		82.7	78.9	92.4	85.7	84.7
HRS 3504	59.5	33.8	0	59.0		75.4	73.2	76.8	75.0	75.1
HRS 3530	59.8	39.2	0	61.3		77.0	78.1	78.9	78.5	78.0
HRS 3616	57.8	35.1	0	61.5		--	65.9	75.6	70.8	--
Ambush	56.3	36.4	0	61.5		--	--	71.6	--	--
Caliber	59.5	30.2	0	59.8		--	--	63.1	--	--
MS Camaro	58.0	32.6	0	61.6		--	--	66.6	--	--
MS Chevelle	56.5	36.6	0	61.3		80.1	67.7	86.2	77.0	78.0
LCS Anchor	56.8	34.0	0	61.8		--	59.5	69.0	64.3	--
LCS Breakaway	56.3	35.1	0	61.8		73.6	70.9	75.4	73.2	73.3
LCS Nitro	60.0	35.7	0	62.2		75.0	77.8	92.4	85.1	81.7
LCS Prime	55.5	37.9	0	61.4		78.1	68.7	87.5	78.1	78.1
LCS Rebel	56.5	40.7	0	62.4		--	--	84.2	--	--
LCS Trigger	62.3	38.5	0	62.3		--	--	98.3	--	--
TCG-Climax	63.0	38.1	0	62.8		--	--	71.9	--	--
TCG-Cornerstone	59.0	34.9	0	58.9		--	58.3	63.7	61.0	--
TCG-Spitfire	60.3	33.5	0	59.8		--	58.2	76.2	67.2	--
SY Soren	57.8	34.1	0	61.3		74.0	68.9	75.9	72.4	72.9
SY Rowyn	58.0	34.0	0	62.0		77.6	67.2	85.6	76.4	76.8
SY Ingmar	58.8	34.3	0	61.1		74.2	70.0	74.0	72.0	72.7
SY Valda	58.0	34.8	0	60.3		79.3	78.4	84.5	81.5	80.7
WB-Mayville	56.8	31.9	0	58.5		65.9	56.9	57.5	57.2	60.1
WB9479	56.8	32.7	0	61.0		--	--	75.4	--	--
WB9590	55.8	30.3	0	60.4		--	--	72.1	--	--
WB9653	59.0	33.6	0	58.8		73.8	76.1	82.7	79.4	77.5
WB9719	59.0	34.4	0	61.9		--	--	69.5	--	--
AKF-Astro	60.0	37.3	0	54.3		--	--	56.1	--	--
Trial Mean	57.8	36.9	0.1	61.3		73.3	66.5	76.2	--	--
C.V. %	1.7	3.7	349.8	0.9		5.8	8.7	5.9	--	--
LSD 5%	1.3	1.9	0.7	0.8		5.9	8.1	6.3	--	--
LSD 10%	1.1	1.6	0.6	0.7		5.0	6.8	5.3	--	--

Planting Date: May 10

Harvest Date: August 29