

**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				
Glenn	55	42	0.5	63.8	14.3	74.8	64.3	71.1	67.7	70.1
Barlow	56	41	1.8	61.5	13.8	73.5	59.6	74.3	67.0	69.1
Faller	59	39	0	61.5	11.7	74.1	79.0	82.2	80.6	78.4
Prosper	58	38	0.3	60.8	11.9	70.8	77.8	82.5	80.2	77.0
Elgin-ND	58	43	0	61.1	13.5	72.9	64.7	81.4	73.1	73.0
ND-VitPro	57	37	0	62.7	14.2	73.4	63.0	71.6	67.3	69.3
Rollag	58	35	0	62.4	14.4	75.0	71.2	75.7	73.5	74.0
Linkert	58	31	0	60.8	14.7	76.1	62.8	63.8	63.3	67.6
Bolles	61	37	0	61.2	15.0	73.0	62.6	74.1	68.4	69.9
Shelly	59	36	0	61.9	13.0	79.8	71.1	81.4	76.3	77.4
Lang-MN	60	41	0	63.3	14.7	--	60.2	77.6	68.9	--
Prevail	56	39	0	61.4	13.5	73.6	65.9	76.0	71.0	71.8
Boost	60	38	0	60.7	13.3	72.1	60.5	78.9	69.7	70.5
Surpass	54	40	3	60.9	12.9	78.4	58.5	80.2	69.4	72.4
HRS 3100	58	38	0	60.1	13.0	--	69.5	75.3	72.4	--
HRS 3419	61	37	0	61.6	12.3	82.7	78.9	92.4	85.7	84.7
HRS 3504	60	34	0	59.0	12.8	75.4	73.2	76.8	75.0	75.1
HRS 3530	60	39	0	61.3	12.7	77.0	78.1	78.9	78.5	78.0
HRS 3616	58	35	0	61.5	14.3	--	65.9	75.6	70.8	--
Ambush	56	36	0	61.5	13.8	--	--	71.6	--	--
Caliber	60	30	0	59.8	14.7	--	--	63.1	--	--
MS Camaro	58	33	0	61.6	13.6	--	--	66.6	--	--
MS Chevelle	57	37	0	61.3	12.2	80.1	67.7	86.2	77.0	78.0
LCS Anchor	57	34	0	61.8	13.7	--	59.5	69.0	64.3	--
LCS Breakaway	56	35	0	61.8	13.2	73.6	70.9	75.4	73.2	73.3
LCS Nitro	60	36	0	62.2	11.2	75.0	77.8	92.4	85.1	81.7
LCS Prime	56	38	0	61.4	11.8	78.1	68.7	87.5	78.1	78.1
LCS Rebel	57	41	0	62.4	13.2	--	--	84.2	--	--
LCS Trigger	62	39	0	62.3	11.0	--	--	98.3	--	--
TCG-Climax	63	38	0	62.8	15.1	--	--	71.9	--	--
TCG-Cornerstone	59	35	0	58.9	13.6	--	58.3	63.7	61.0	--
TCG-Spitfire	60	34	0	59.8	13.2	--	58.2	76.2	67.2	--
SY Soren	58	34	0	61.3	13.6	74.0	68.9	75.9	72.4	72.9
SY Rowyn	58	34	0	62.0	12.3	77.6	67.2	85.6	76.4	76.8
SY Ingmar	59	34	0	61.1	14.1	74.2	70.0	74.0	72.0	72.7
SY Valda	58	35	0	60.3	12.8	79.3	78.4	84.5	81.5	80.7
WB-Mayville	57	32	0	58.5	13.9	65.9	56.9	57.5	57.2	60.1
WB9479	57	33	0	61.0	13.9	--	--	75.4	--	--
WB9590	56	30	0	60.4	13.3	--	--	72.1	--	--
WB9653	59	34	0	58.8	12.6	73.8	76.1	82.7	79.4	77.5
WB9719	59	34	0	61.9	13.1	--	--	69.5	--	--
AKF-Astro	60	37	0	54.3	12.3	--	--	56.1	--	--
Trial Mean	57.8	36.9	0.1	61.3	13.4	73.3	66.5	76.2	--	--
C.V. %	1.7	3.7	349.8	0.9	2.9	5.8	8.7	5.9	--	--
LSD 5%	1.3	1.9	0.7	0.8	0.5	5.9	8.1	6.3	--	--
LSD 10%	1.1	1.6	0.6	0.7	0.5	5.0	6.8	5.3	--	--

Planting Date: May 10

Harvest Date: August 29