

**NDSU Langdon Research Extension Center**  
**2019 Variety Trial**

**Hard Red Spring Wheat - 2019** **Page 1-2** **Langdon**

Variety	Days to Head	Plant Height	Protein		Test Weight	Grain Yield				
			2019	3-yr Avg.		2017	2018	2019	2-yr Avg.	3-yr Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
Barlow	55	32	14.4	14.1	62.3	74.3	85.2	75.5	80.4	78.3
Bolles	58	30	15.3	15.1	60.3	74.1	81.7	72.5	77.1	76.1
Boost	59	31	14.2	13.7	60.1	78.9	87.7	74.8	81.3	80.5
CP3504	57	29	13.0	12.9	59.5	76.8	91.6	82.4	87.0	83.6
CP3530	57	33	14.2	13.3	60.1	78.9	99.1	78.3	88.7	85.4
CP3616	56	30	14.9	14.5	60.3	75.6	81.3	76.8	79.1	77.9
CP3888	55	29	14.0	--	60.1	--	86.8	81.5	84.2	--
CP3910	54	27	13.7	--	60.9	--	--	75.9	--	--
CP3915	55	29	14.3	--	61.7	--	--	77.5	--	--
CP3939	55	30	14.9	--	61.5	--	--	76.0	--	--
DG-Ambush	54	30	14.9	14.3	61.5	71.6	87.9	76.4	82.1	78.6
DG-Ballistic	56	31	13.5	--	60.7	--	--	90.2	--	--
DG-Commander	55	30	13.7	--	61.2	--	--	79.8	--	--
Elgin-ND	55	33	13.9	13.7	60.7	81.4	88.7	80.7	84.7	83.6
Faller	57	31	13.7	12.7	60.4	82.2	97.5	83.7	90.6	87.8
Glenn	55	33	15.0	14.6	63.2	71.1	76.0	74.7	75.4	73.9
Lang-MN	58	33	15.0	14.7	61.4	77.6	79.1	77.0	78.1	77.9
LCS Breakway	54	27	14.4	13.9	62.1	75.4	85.4	76.0	80.7	78.9
LCS Cannon	53	29	13.8	--	61.8	--	89.9	80.9	85.4	--
LCS Rebel	55	31	14.4	13.7	61.7	84.2	92.6	81.3	87.0	86.0
LCS Trigger	61	32	11.9	11.3	60.5	98.3	109.6	87.2	98.4	98.4
Linkert	56	27	15.1	14.7	60.5	63.8	75.0	69.3	72.2	69.4
MN Washburn	57	29	14.3	--	60.7	--	--	75.8	--	--
Mott	56	35	14.5	--	60.7	--	--	79.9	--	--
MS Barracuda	54	28	14.3	--	61.3	--	93.1	83.4	88.3	--
MS Camaro	54	27	14.4	--	61.2	66.7	76.6	82.2	79.4	75.2
MS Chevelle	55	31	12.6	12.5	61.0	86.2	94.3	84.9	89.6	88.5
ND VitPro	55	31	14.8	14.4	63.0	71.6	78.4	72.9	75.7	74.3
Shelly	58	28	13.5	13.2	61.1	81.4	88.3	82.1	85.2	83.9
Surpass	54	30	14.0	13.5	60.5	80.2	91.1	78.5	84.8	83.3
SY Ingmar	56	28	14.2	14.2	61.5	74.0	91.1	81.0	86.1	82.0
SY Longmire	56	29	14.0	--	61.5	--	--	78.7	--	--
SY McCloud	55	29	14.7	--	61.8	--	83.0	78.2	80.6	--
SY Rockford	58	31	13.9	--	59.3	--	--	81.0	--	--
SY Soren	55	27	14.4	13.8	61.5	75.9	80.0	77.9	79.0	77.9
SY Valda	56	27	13.0	13.0	60.6	84.5	100.4	80.2	90.3	88.4

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<b>Hard Red Spring Wheat - 2019</b>	<b>Page 2-2</b>	<b>Langdon</b>
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Variety	Days to Head	Plant Height	Protein		Test Weight	Grain Yield				
			2019	3-yr Avg.		2017	2018	2019	2-yr Avg.	3-yr Avg.
		in	-----%-----		lbs/bu	-----bu/a-----				
SY611CL2	55	28	13.6	--	62.3	--	83.7	83.3	83.5	--
AP Murdock	56	28	14.1	--	60.5	--	--	81.5	--	--
TCG-Climax	60	31	15.9	15.2	61.8	71.9	82.4	69.2	75.8	74.5
TCG-Heartland	54	28	14.7	--	61.9	--	--	74.8	--	--
TCG-Spitfire	59	30	13.6	13.2	60.2	76.2	91.6	78.6	85.1	82.1
TCG-Stalwart	56	30	14.9	--	59.5	--	--	71.3	--	--
Trial Mean	56	30	14.2	--	61.2	76.2	87.2	79.4	--	--
C.V. %	1.4	3.9	2.4	--	0.8	5.9	4.1	4.7	--	--
LSD 5%	1.1	1.7	0.5	--	0.7	6.3	4.9	5.2	--	--
LSD 10%	0.9	1.4	0.4	--	0.6	5.3	4.1	4.4	--	--

Planting Date: May 7

Harvest Date: August 22

No lodging in trial. Disease levels were minimal.