

NDSU Langdon Research Extension Center
2016 Variety Trial

Hard Red Spring Wheat - 2016 **Langdon**

Variety	Days to Head	Plant Height	Lodging	Test Weight	DON	Protein	Grain Yield			Average Yield	
							2014	2015	2016	2 year	3 year
		in	0-9	lbs/bu	ppm	%	-----bu/a-----				
Glenn	53	37	1.7	63.0	1.4	14.7	75.8	74.8	64.3	69.6	71.6
Faller	57	38	3.7	60.8	1.3	13.6	95.5	74.1	79.0	76.5	82.9
Barlow	55	35	3.9	60.0	2.7	14.8	85.5	73.5	59.6	66.5	72.9
Prosper	57	36	4.6	60.9	2.7	13.8	92.9	70.8	77.8	74.3	80.5
Velva	58	37	2.1	57.7	6.5	14.8	92.6	--	52.6	--	--
Elgin-ND	57	39	2.6	59.2	2.6	14.9	90.1	72.9	64.7	68.8	75.9
Rollag	56	35	1.8	61.3	1.1	14.8	85.1	75.0	71.2	73.1	77.1
Linkert	57	32	0.6	59.7	2.5	15.1	81.7	76.1	62.8	69.4	73.5
Bolles	59	35	2.6	60.2	2.2	15.9	85.8	73.0	62.6	67.8	73.8
Shelly	59	34	2.6	59.7	1.4	14.0	--	79.8	71.1	75.4	--
Prevail	56	37	1.3	59.3	1.5	14.3	84.8	73.6	65.9	69.8	74.8
Focus	51	38	3.5	61.2	1.4	14.3	73.0	72.5	53.1	62.8	66.2
Boost	59	35	3.5	58.5	1.5	15.0	85.3	72.1	60.5	66.3	72.6
Surpass	52	34	4.2	59.4	2.3	14.2	--	78.4	58.5	68.4	--
MS Chevelle	54	34	2.8	58.5	3.3	13.4	91.2	80.1	67.7	73.9	79.7
MS Stingray	64	38	0.7	58.8	1.8	11.6	93.4	62.0	75.6	68.8	77.0
HRS3361	58	35	1.2	58.7	1.1	13.8	84.6	66.4	70.5	68.4	73.8
HRS3419	61	34	0.4	59.1	1.6	13.3	88.9	82.7	78.9	80.8	83.5
HRS3504	58	32	0.8	58.2	1.8	13.4	--	75.4	73.2	74.3	--
HRS3530	58	39	2.1	60.8	1.4	14.3	--	77.0	78.1	77.6	--
HRS3616	57	34	2.6	59.4	1.2	15.3	--	--	65.9	--	--
HRS 3100	58	35	1.4	58.1	2.2	13.7	--	--	69.5	--	--
LCS Breakaway	55	33	1.8	61.7	2.8	14.1	77.1	73.6	70.9	72.2	73.9
LCS Iguacu	59	36	1.6	60.7	2.0	12.4	90.6	73.3	75.7	74.5	79.9
LCS Nitro	59	34	3.0	60.0	1.5	13.3	91.0	75.0	77.8	76.4	81.3
LCS Pro	55	40	2.4	61.1	3.4	14.4	--	75.6	67.8	71.7	--
LCS Prime	55	35	2.4	60.9	1.4	13.5	--	78.1	68.7	73.4	--
LCS Anchor	57	32	2.7	59.3	2.3	14.7	--	--	59.5	--	--
Presitge	54	35	2.7	59.4	1.6	14.5	--	77.7	67.8	72.7	--
Redstone	63	37	0.4	60.1	3.2	13.4	--	79.1	75.9	77.5	--
SY Soren	56	33	1.9	60.6	0.8	14.5	85.1	74.0	68.9	71.5	76.0
SY Rowyn	55	34	3.6	60.1	1.6	14.1	87.0	77.6	67.2	72.4	77.3
SY Ingmar	58	34	2.5	60.9	1.0	15.1	86.8	74.2	70.0	72.1	77.0
SY Valda	57	35	0.8	60.5	1.1	13.9	--	79.3	78.4	78.9	--
TCG-Cornerstone	58	33	1.3	59.5	2.3	14.5	--	--	58.3	--	--
TCG-Spitfire	61	33	1.2	59.0	3.0	14.2	--	--	58.2	--	--
TCG-Wildfire	58	37	2.4	59.4	4.5	14.2	--	--	64.2	--	--
WB Mayville	55	33	0.9	58.9	4.8	14.7	81.4	65.9	56.9	61.4	68.1
WB9507	55	34	3.1	59.2	1.3	13.7	86.8	60.8	76.6	68.7	74.7
WB9653	58	31	1.8	58.5	1.9	13.4	--	73.8	76.1	74.9	--
Trial Mean	56.6	35.6	2.6	60.2	2.1	14.4	84.4	73.3	66.5	--	--
C.V. %	1.2	4.4	41.7	1.1	25.2	2.8	5.6	5.8	8.7	--	--
LSD 5%	0.9	2.2	1.5	1.0	1.0	0.6	6.6	5.9	8.1	--	--
LSD 10%	0.8	1.8	1.3	0.8	0.9	0.5	5.5	5.0	6.8	--	--

Planting Date: May 2
Harvest Date: August 23