

NDSU Langdon Research Extension Center
2016 Variety Trial Data

Hard Red Spring Wheat - 2016	Pembina County - Cavalier
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Variety	Plant Height	Lodging	Test			Grian Yield			Average Yield	
			Weight	DON	Protein	2014	2015	2016	2	3
	in.	0-9	lbs/bu	ppm	%	-----bu/a-----				
Faller	34	2.3	60.1	2.0	13.8	87.8	49.9	60.5	55.2	66.1
Prosper	35	2.3	59.3	3.1	13.9	80.4	49.3	56.8	53.0	62.2
Elgin-ND	36	2.8	58.5	2.7	14.6	74.8	43.6	52.9	48.3	57.1
Rollag	32	1.9	60.4	1.2	14.6	72.0	49.7	58.0	53.9	59.9
Linkert	30	0.4	59.3	2.7	14.7	65.9	52.7	56.1	54.4	58.2
Bolles	31	2.6	57.9	2.7	15.9	--	43.8	48.1	45.9	--
Shelly	32	2.1	58.8	1.4	13.8	--	--	50.9	--	--
Prevail	35	1.6	58.3	2.1	13.7	78.5	47.1	54.6	50.9	60.1
Focus	36	2.0	60.9	0.9	14.2	--	49.7	43.8	46.8	--
Boost	32	3.7	58.2	1.9	14.6	--	--	44.4	--	--
Surpass	34	3.2	59.0	1.9	14.1	--	--	46.0	--	--
SY Soren	30	1.7	59.4	1.7	14.8	65.9	45.9	54.0	50.0	55.3
SY Rowyn	32	1.7	59.9	1.3	14.2	66.4	53.0	55.7	54.3	58.4
SY Ingmar	30	1.8	59.9	1.8	14.9	66.6	56.2	55.4	55.8	59.4
SY Valda	32	2.0	59.2	1.7	13.9	--	46.5	59.3	52.9	--
WB Mayville	28	0.7	57.0	4.3	14.9	63.6	44.8	43.1	43.9	50.5
WB9507	33	2.5	57.7	1.5	14.2	77.9	44.6	57.4	51.0	60.0
WB9653	29	2.0	57.7	1.9	13.3	--	41.9	62.0	52.0	--
LCS Breakaway	29	1.9	60.0	2.6	14.7	63.3	43.8	45.7	44.7	50.9
LCS Prime	33	3.1	59.4	1.5	13.1	--	--	45.7	--	--
LCS Anchor	29	1.0	58.9	2.3	14.7	--	--	44.9	--	--
HRS 3361	30	0.8	58.0	2.6	13.8	81.2	58.2	63.5	60.8	67.6
HRS 3419	32	0.7	58.8	2.1	13.1	87.0	59.8	68.4	64.1	71.7
HRS 3504	29	0.5	57.9	2.7	13.2	--	50.9	57.1	54.0	--
HRS 3530	36	2.4	59.3	3.3	14.4	--	61.8	56.9	59.4	--
HRS 3616	32	2.9	58.0	1.3	15.5	--	--	50.0	--	--
HRS 3100	32	0.7	58.6	1.5	13.7	--	--	61.3	--	--
TCG Cornerstone	30	1.2	57.6	4.4	14.7	--	--	43.6	--	--
Trial Mean	32	1.9	59.0	2.2	14.3	73.7	49.2	53.3	--	--
C.V. %	6.7	41.5	1.1	6.0	1.9	8.0	10.3	7.8	--	--
LSD 5%	3.0	1.1	0.9	1.2	0.4	6.9	7.2	5.9	--	--
LSD 10%	2.5	0.9	0.7	1.0	0.3	8.3	6.0	4.9	--	--

Planting Date: May 4

Harvest Date: August 22