

NDSU Langdon Research Extension Center
2017 Variety Trial Data

Hard Red Spring Wheat - 2017						Nelson County-Pekin				
Variety	Days to Head	Plant Height	Lodging	Test		Grian Yield			Average Yield	
				Weight	Protein	2015	2016	2017	2	3
		in.	0-9	lbs/bu	%	-----bu/a-----				
Faller	50	33	2.2	62.1	13.1	60.1	71.1	94.2	82.7	75.1
Prosper	50	35	3.2	61.9	13.1	59.3	75.3	85.7	80.5	73.4
Elgin-ND	47	39	0.2	61.5	13.9	63.4	63.6	75.9	69.8	67.6
ND VitPro	47	34	0.7	62.9	14.5	--	66.4	70.6	68.5	--
Rollag	48	31	0.3	62.6	14.6	73.9	63.1	78.2	70.7	71.7
Linkert	48	30	0.1	61.5	14.7	70.0	66.2	72.6	69.4	69.4
Bolles	52	34	0	61.8	15.3	53.8	64.1	81.0	72.5	66.3
Shelly	49	34	0	62.4	13.3	--	71.5	89.9	80.7	--
Lang-MN	52	37	0.1	62.5	14.9	--	--	70.5	--	--
Boost	51	37	1.1	61.1	14.2	--	72.2	77.8	75.0	--
Surpass	45	36	2.0	61.4	13.4	--	75.2	80.6	77.9	--
SY Soren	47	30	0	61.4	14.0	49.6	72.3	78.3	75.3	66.7
SY Rowyn	47	30	2.9	61.7	13.2	62.6	77.6	85.1	81.4	75.1
SY Ingmar	48	32	0.2	61.8	14.1	61.9	73.6	78.7	76.1	71.4
SY Valda	48	33	0.5	61.6	13.1	63.7	79.4	90.8	85.1	78.0
WB Mayville	46	30	0	61.6	14.6	58.6	66.0	79.4	72.7	68.0
WB9590	47	29	0.2	62.0	14.2	--	--	89.5	--	--
WB9479	49	30	0	62.8	14.8	--	--	88.3	--	--
LCS Breakaway	47	33	1.2	63.0	13.8	59.1	72.7	78.6	75.7	70.1
LCS Prime	46	35	1.8	62.1	12.6	--	75.4	89.0	82.2	--
LCS Rebel	47	35	0.6	63.4	14.1	--	--	84.6	--	--
MS Camaro	48	31	0.5	61.5	14.3	--	--	76.2	--	--
MS Chevelle	47	32	2.2	61.8	12.7	--	--	88.1	--	--
HRS 3100	50	35	0	60.6	13.5	--	--	84.8	--	--
HRS 3419	53	35	0.1	61.8	12.9	70.9	70.6	85.8	78.2	75.8
HRS 3504	49	30	0	60.7	13.4	58.0	71.5	81.4	76.4	70.3
HRS 3530	50	36	0.2	62.2	14.4	63.0	79.8	91.6	85.7	78.1
HRS 3616	48	34	0.7	60.6	15.0	--	68.5	77.8	73.1	--
Trial Mean	48.2	33.4	0.7	61.9	14.0	62.1	71.0	81.7	--	--
C.V. %	1.4	3.7	126	0.5	1.8	5.0	5.7	5.7	--	--
LSD 5%	1.0	1.8	1.3	0.5	0.4	4.4	5.7	6.6	--	--
LSD 10%	0.8	1.5	1.1	0.4	0.3	3.7	4.8	5.5	--	--

Planting Date: May 24

Harvest Date: September 8

Stripe rust severity on flag leaf was severe in 2015.