

NDSU Langdon Research Extension Center
2014 Variety Trial

Hard Red Spring Wheat - 2014	Nelson County-Pekin
-------------------------------------	----------------------------

Variety	Days to Head	Plant Height	Lodging	Test			Grian Yield			Average Yield	
				Weight	Protein	DON*	2012	2013	2014	2	3
		in.		lbs/bu	%	ppm	-----bu/a-----				
Faller	50.9	33.7	2.2	60.7	14.1	0.7	81.1	94.8	102.1	98.5	92.7
Barlow	46.9	32.6	0.9	61.4	14.7	0.3	76.7	81.2	87.6	84.4	81.8
Prosper	50.4	33.9	2.1	60.5	13.9	0.5	77.1	88.4	99.6	94.0	88.4
Elgin-ND	50.5	34.3	2.1	60.5	14.5	0.7	81.9	91.4	90.7	91.1	88.0
RB07	48.3	33.0	2.5	60.8	14.7	0.3	78.0	81.4	92.8	87.1	84.1
Rollag	49.7	32.3	0.4	61.7	14.8	0.6	68.5	85.0	85.2	85.1	79.6
Norden	49.3	32.5	0.1	63.0	13.8	1.0	72.1	89.3	92.3	90.8	84.6
Linkert	50.5	31.2	0.1	60.6	15.0	1.3	--	76.8	82.6	79.7	--
Advance	51.8	31.7	2.2	60.9	13.7	1.4	73.6	84.2	85.1	84.7	81.0
Forefront	46.0	35.4	3.3	60.9	14.7	0.3	73.0	79.6	81.3	80.5	78.0
Prevail	50.3	34.6	3.0	60.5	14.5	1.0	--	--	82.5	--	--
Jenna	52.8	30.8	2.5	60.1	14.4	1.5	75.6	91.7	83.2	87.4	83.5
SY Soren	49.1	30.0	0.2	60.9	14.3	0.3	74.5	84.6	80.8	82.7	80.0
SY Rowyn	49.5	31.6	1.7	61.3	13.8	0.3	--	85.7	92.8	89.2	--
SY Ingmar	50.0	31.0	1.6	61.5	14.9	0.3	--	--	85.8	--	--
WB Mayville	48.5	31.2	0.1	61.0	14.4	1.6	75.6	85.3	86.2	85.8	82.4
Vantage	52.8	31.7	0.0	62.2	16.6	2.0	62.2	85.6	78.4	82.0	75.4
WB9507	48.2	32.6	1.2	60.0	14.6	0.5	--	--	104.1	--	--
WB Digger	52.5	33.0	2.5	59.6	14.2	2.7	78.7	98.8	94.3	96.5	90.6
Samson	51.3	31.4	0.0	60.4	14.0	1.6	75.1	87.3	97.5	92.4	86.6
LCS Albany	55.8	32.1	3.4	59.8	13.6	1.6	75.0	102.9	83.6	93.2	87.2
LCS Powerplay	50.8	32.6	3.0	61.6	14.5	0.7	76.1	91.0	86.6	88.8	84.6
LCS Breakaway	48.3	30.2	0.8	62.7	14.8	0.9	75.1	82.7	94.2	88.5	84.0
LCS Iguaca	53.2	31.5	2.1	61.1	11.4	0.9	--	--	94.5	--	--
LCS Nitro	53.0	31.4	2.5	59.8	12.4	1.7	--	--	98.7	--	--
HRS 3378	50.2	32.1	2.0	60.9	13.3	1.1	--	--	86.8	--	--
HRS 3361	51.4	33.4	0.6	60.0	13.9	0.8	--	--	85.9	--	--
HRS 3419	54.8	32.3	0.3	59.3	13.4	1.0	--	--	90.7	--	--
Trial Mean	50.5	32.3	1.6	60.9	14.2	1.0	75.3	87.2	89.3	--	--
C.V. %	1.4	3.8	48.0	0.5	1.9	41.0	6.4	5.2	4.0	--	--
LSD 10%	0.9	1.4	0.9	0.4	0.3	0.7	5.7	5.4	4.2	--	--
LSD 5%	1.0	1.7	1.1	0.5	0.4	0.8	6.9	6.5	5.0	--	--

Planting Date: May 28

Harvest Date: September 16

*DON test results reported as <0.5 ppm are listed as 0.3ppm. Data from 2 replications.