

**NDSU Langdon Research Extension Center**  
**2011 Variety Trial Data**

<b>Hard Red Spring Wheat - 2011</b>	<b>Langdon</b>
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Variety	Days to Head	Plant Height	Foliar Necrosis	FHB		FDK	DON	Test Weight	Protein	Grain Yield			Average Yield	
				Field Severity	%					2009	2010	2011	2 year	3 year
		in	%	%	%	ppm	lbs/bu	%	-----bu/a-----					
Albany	59	34	14	0.1	2.0	1.2	61.1	14.2	89.3	90.9	71.8	81.3	84.0	
Alpine	57	36	15	0.6	1.2	2.2	58.7	15.2	--	79.0	60.4	69.7	--	
Alsen	56	36	28	0.1	0.5	1.5	60.4	15.9	79.4	78.5	53.5	66.0	70.5	
Barlow	54	38	13	0.6	1.0	1.2	61.7	15.6	85.8	85.0	65.6	75.3	78.8	
Breaker	57	35	8	0.4	0.7	1.2	62.2	14.9	86.0	87.8	67.4	77.6	80.4	
Brennan	57	32	19	0.6	1.3	2.1	60.0	15.1	78.2	74.7	61.3	68.0	71.4	
Brick	50	39	48	0.1	0.0	0.8	61.7	14.3	89.5	83.9	67.4	75.6	80.3	
Briggs	53	36	13	0.8	1.1	1.7	60.7	15.4	82.8	83.1	66.7	74.9	77.5	
Brogan	55	35	10	1.8	2.2	1.7	61.0	14.6	71.0	73.4	66.1	69.8	70.2	
Cromwell	58	34	13	0.3	1.3	1.4	61.9	14.9	89.7	79.8	65.8	72.8	78.4	
Faller	57	37	18	0.3	0.5	0.7	60.8	14.4	103.2	92.2	78.9	85.6	91.4	
Freyr	56	35	10	0.6	1.3	1.4	59.5	15.5	72.7	83.3	59.9	71.6	72.0	
Glenn	53	38	18	0.5	0.0	0.8	62.9	15.6	85.0	76.7	57.8	67.2	73.2	
Howard	57	39	20	0.4	2.1	1.7	61.8	15.4	89.8	87.8	66.0	76.9	81.2	
Jenna	59	34	11	0.4	1.5	2.6	59.4	14.8	82.8	82.3	72.4	77.4	79.2	
Kelby	56	31	28	0.1	0.7	1.3	59.1	15.3	76.8	79.3	57.6	68.4	71.2	
Kuntz	57	32	15	0.6	1.9	2.0	59.7	14.9	77.9	75.2	63.6	69.4	72.2	
Powerplay	56	34	45	0.1	1.5	1.7	61.1	15.0	--	--	66.6	--	--	
Prosper	57	37	14	1.2	0.4	1.3	60.8	14.8	95.3	94.1	77.2	85.7	88.9	
RB07	54	36	15	0.7	0.3	1.5	60.3	15.2	74.9	78.8	70.2	74.5	74.6	
Rollag	55	34	10	0.0	0.0	0.5	61.4	16.1	--	76.2	63.2	69.7	--	
Sabin	57	39	23	0.0	0.2	0.8	59.9	15.4	83.0	81.4	66.1	73.8	76.8	
Samson	58	31	10	1.3	4.8	5.4	59.2	15.1	79.2	81.5	61.7	71.6	74.1	
Select	52	39	23	0.2	1.4	1.4	61.9	15.1	70.3	78.0	71.0	74.5	73.1	
Steele-ND	56	38	35	0.9	1.3	1.8	61.4	15.3	85.2	87.1	66.3	76.7	79.5	
SY Soren	55	32	18	0.4	0.6	0.7	60.6	15.6	--	--	64.4	--	--	
Vantage	60	36	9	4.1	5.0	2.1	61.8	16.0	76.9	77.8	58.4	68.1	71.0	
Velva	57	38	13	2.7	1.3	4.9	60.1	14.7	84.0	74.0	69.2	71.6	75.7	
WB-Digger	55	36	20	3.7	4.8	4.0	59.5	14.4	--	80.6	65.7	73.2	--	
WB-Mayville	56	32	68	1.1	2.9	2.5	59.9	15.6	--	--	57.8	--	--	
Trial Mean	56	36	19	1.2	1.5	1.8	60.5	15.1	84.9	82.9	64.5	--	--	
C.V. %	1.6	3.8	41	152.0	52.2	26.1	0.6	2.6	5.9	4.3	5.1	--	--	
LSD 5%	1.3	1.9	16	3.6	1.1	0.9	0.5	0.6	7.1	5.0	4.6	--	--	

Planting Date: May 17

Harvest Date: September 9

No lodging in trial.

FDK=Fusarium damaged kernels

FHB Field Severity Index= FHB Incidence x FHB Head Severity