

NDSU Langdon Research Extension Center
2011 Variety Trial Data

Hard Red Spring Wheat - 2011	Towner County - Cando
-------------------------------------	------------------------------

Variety	Plant		Foliar		FHB		Grain Yield			Average Yield	
	Height	Lodging	Necrosis	Severity	Field	Test	2009	2010	2011	2	3
	in	0-9	%	%	%	lbs/bu	-----bu/a-----			year	year
Barlow	36	6.5	20	5.0	58.9	17.3	85.1	76.3	53.6	65.0	71.7
Breaker	34	3.0	45	2.3	60.5	16.3	83.7	80.1	60.9	70.5	74.9
Brennan	31	1.5	25	0.6	59.9	16.7	76.1	73.4	57.8	65.6	69.1
Brick	37	6.3	65	0.1	60.7	16.6	80.7	74.1	48.1	61.1	67.6
Cromwell	35	4.8	14	0.7	59.3	16.3	71.2	75.1	57.5	66.3	67.9
Faller	36	7.3	18	2.3	58.6	16.6	86.2	85.8	60.6	73.2	77.5
Glenn	38	4.0	23	1.6	62.0	16.9	78.3	72.8	52.7	62.8	67.9
Howard	36	4.3	55	1.7	59.9	16.6	89.6	78.7	58.9	68.8	75.7
Jenna	32	1.3	25	1.3	58.9	16.9	77.1	76.5	61.5	69.0	71.7
Kelby	30	1.5	24	0.9	59.9	16.9	74.5	72.2	56.0	64.1	67.6
Prosper	36	6.3	17	1.2	59.1	16.3	84.7	87.7	65.4	76.6	79.3
RB07	33	4.5	63	1.0	58.7	16.7	84.3	76.4	58.2	67.3	73.0
Rollag	33	2.0	18	0.2	60.8	16.8	--	--	60.3	--	--
Sabin	35	6.5	55	0.9	58.4	16.9	77.5	73.2	54.0	63.6	68.2
Samson	32	0.5	24	1.5	58.7	15.8	--	--	71.4	--	--
Select	35	3.3	25	1.1	60.2	16.8	--	69.2	57.5	63.4	--
SY Soren	31	0.8	21	0.2	59.8	17.2	--	--	56.5	--	--
Vantage	34	0.8	26	8.6	61.0	17.6	--	70.5	55.7	63.1	--
Velva	35	3.0	22	0.5	57.2	17.1	93.4	79.4	55.2	67.3	76.0
WB-Digger	35	0.8	28	3.2	58.3	16.0	--	--	65.0	--	--
WB-Mayville	31	0.0	78	0.7	58.9	16.4	--	--	57.4	--	--
Trial Mean	34	3.3	33	1.7	59.5	16.7	81.0	76.7	58.3	--	--
C.V. %	3.3	42.9	26.1	104.7	1.5	2.1	5.2	4.5	7.1	--	--
LSD 5%	1.6	2.0	17.8	3.6	1.3	0.5	5.9	4.9	5.8	--	--

Planting Date: May 26

Harvest Date: August 29

FHB Field Severity Index= FHB Incidence x FHB Head Severity