

NDSU Main Station * North Dakota Agricultural Experiment Station

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Table 1. Performance of hard red spring wheat varieties, with and without fungicide at Steele Co., ND in 2009¹.

Variety	Heading		Height		Leaf Disease		Smut ²		Test Wt.		Protein		Yield	
	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.
	--(date)--		----(cm)----		-----(%)-		---(No./plot)---		--(lb/bu)--		-----(%)-		-----(bu/a)----	
Alsen	7/3	7/3	83.0	80.6	2.1	5.4	50.0	50.0	60.8	61.8	14.9	15.3	74.9	73.1
Barlow	6/30	7/1	87.6	85.3	0.5	3.6	7.0	3.3	61.3	61.4	14.9	14.9	71.6	80.1
Brick	6/29	6/29	88.3	82.3	3.1	4.1	0.7	0.0	62.6	62.8	16.0	15.7	73.0	70.2
Briggs	7/1	6/30	82.2	81.6	3.0	3.5	3.3	5.0	61.4	61.6	14.9	15.3	73.7	72.4
Faller	7/2	7/4	84.0	81.0	1.4	2.3	2.3	0.0	61.1	61.2	15.0	14.5	77.7	79.2
Glenn	6/30	6/30	86.6	86.0	4.4	7.6	12.7	11.6	63.6	62.7	15.5	14.8	66.7	70.3
Jenna	7/4	7/5	75.6	78.0	1.4	5.1	0.0	0.0	61.4	61.3	14.6	14.6	77.3	84.7
Kelby	7/1	7/1	72.0	72.0	2.1	2.6	0.3	0.7	62.1	61.7	16.0	15.5	66.2	68.2
Kuntz	7/2	7/2	77.3	75.3	4.3	3.2	8.3	8.0	61.5	61.5	14.2	14.2	78.7	82.0
RB07	6/30	6/30	74.0	76.0	2.3	0.5	4.0	4.0	61.7	61.7	15.4	14.9	70.5	75.8
Sabin	7/2	7/3	79.7	76.0	7.2	9.5	0.7	2.3	61.8	61.8	15.4	15.1	81.9	78.5
Sampson	7/3	7/2	71.3	70.0	1.9	1.4	8.3	7.0	61.0	61.0	14.8	15.1	67.4	77.6
Tom	7/1	7/2	85.3	81.0	5.0	5.9	7.0	9.7	62.0	61.9	15.0	15.2	72.4	68.1
Traverse	7/1	7/1	88.6	89.7	4.4	3.9	2.7	2.3	59.8	60.2	15.1	14.5	88.3	84.7
Vantage	7/5	7/5	78.6	76.6	0.5	3.3	6.3	3.3	61.9	62.3	14.9	15.8	69.8	74.7
Mean	7/1	7/2	80.9	79.4	2.9	4.1	7.6	7.1	61.6	61.7	15.1	15.0	74.0	76.0
CV (%)	0.002		4.8		85.5		32.8		0.9		4.4		7.9	
LSD 0.05			2		4.7		3.9		0.9		1.1		9.6	

¹Fungicide treatment consisted of Prosaro at 6.5 oz/acre at flowering.

²Smut = number of spikes in plot with smut. If 50 or greater, 50 was used.

Planted 5/4/09, Harvested 8/27/09

[Go to Main Station 2009 Variety Trial Index \(http://www.ag.ndsu.edu/fargo/09data/index.htm\)](http://www.ag.ndsu.edu/fargo/09data/index.htm)
[Go to All Research Stations 2009 Variety Trial Index \(http://www.ag.ndsu.edu/variety/index.htm\)](http://www.ag.ndsu.edu/variety/index.htm)
[Go to NDSU Main Station \(http://www.ag.ndsu.edu/fargo/\)](http://www.ag.ndsu.edu/fargo/)
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