

**Performance of spring wheat varieties, with and without the application of fungicide at heading, Finley ND, 2010.**

	Heading Date	Plant Height (cm)	Lodging		Leaf Disease		Leaf Rust		FHB Severity		Protein		Test Weight		Yield	
			No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung	No Fung	Fung
			(0-9)		(%)		(%)	(%)		(%)	(%)		(lb/bu)		(bu/A)	
Alsen	19-Jun	98.0	0.7	0.3	5.3	2.0	0.0	0.0	0.0	0.1	15.6	16.1	62.7	62.4	67.6	77.2
Barlow	18-Jun	95.7	1.7	1.3	2.6	1.3	0.0	0.0	0.2	0.0	15.5	15.6	62.8	62.9	75.6	86.3
Brick	17-Jun	99.0	2.3	1.3	5.0	2.0	1.2	0.3	0.4	0.0	15.3	15.5	63.3	63.2	83.5	88.3
Briggs	19-Jun	95.0	3.7	3.0	4.5	2.2	0.0	0.2	0.6	0.3	16.2	16.5	62.0	62.2	68.6	84.0
Faller	20-Jun	97.7	1.3	1.0	5.1	3.5	1.4	0.0	0.0	0.0	13.9	14.4	63.1	62.8	92.6	98.5
Glenn	18-Jun	99.0	1.7	1.3	3.6	2.5	0.0	0.0	0.1	0.0	16.0	16.2	64.1	64.1	68.9	76.4
Jenna	21-Jun	92.7	3.0	5.0	2.4	2.2	0.2	0.4	0.1	0.0	15.2	15.3	62.5	62.6	81.8	91.9
Kelby	18-Jun	87.0	1.7	4.7	3.1	2.4	3.3	0.4	0.1	0.0	15.5	15.8	62.9	62.9	75.8	82.3
Kuntz	20-Jun	85.7	1.0	2.0	4.5	2.1	0.6	0.4	0.1	0.0	14.2	14.3	63.2	63.1	88.9	92.0
RB07	19-Jun	90.3	3.7	5.7	2.8	2.8	0.0	0.6	1.2	0.0	14.9	15.0	62.3	62.4	77.7	97.7
Sabin	19-Jun	93.3	2.3	2.3	4.3	2.5	0.0	0.0	0.1	0.0	16.0	16.2	62.5	62.5	81.9	92.5
Tom	19-Jun	93.3	4.3	5.3	3.4	1.4	0.7	0.2	0.0	0.0	15.0	15.3	62.6	62.3	78.8	86.9
Traverse	19-Jun	99.3	2.7	2.0	3.7	2.3	0.4	0.0	0.0	0.0	14.5	15.0	61.6	61.1	94.8	97.0
Vantage	22-Jun	98.0	0.0	0.0	2.0	0.8	0.8	0.1	0.1	0.0	16.8	17.3	63.7	63.8	73.7	80.9
WB-Digger	19-Jun	98.0	1.7	3.3	2.9	1.1	1.4	0.0	2.1	0.3	15.1	15.7	62.3	62.2	86.4	94.7
Average	19-Jun	94.8	2.1	2.6	3.7	2.1	0.7	0.2	0.3	0.0	15.3	15.6	62.8	62.7	79.8	88.4
c.v.	0.0	2.5	69.5		30.2		204.7		184.8		2.4		0.5		6.5	
LSD 0.05	2.0	3.8	2.6		1.4		1.4		0.6		0.6		0.5		8.9	

The trial was planted April 9, 2010 on tilled land that had previously been planted to wheat.

The fungicide treatment consisted of Prosaro at 6.5 oz/A applied when the varieties had just flowered (Feekes 10.51).

The trial was harvested August 3, 2010. Nitrogen was applied at the rate of 150 lb/A on May 3rd.

There was no measureable levels of DON in trial (data not shown).