

NDSU Main Station * North Dakota Agricultural Experiment Station

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 Table 2. Disease reaction of hard red spring wheat varieties, with and without fungicide at Lisbon, ND in 2009¹.

Variety	FHB I ²		FHB HS		FHB FS		DON		Leaf Spot		BLS		Leaf Rust	
	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.	Untrt.	Trt.
	------(%)-----		------(%)-----		------(%)-----		------(ppm)-----		------(%)-----		------(%)-----		------(%)-----	
Alsen	0.3	0.3	9.0	5.3	0.04	0.01	0.9	0.8	16.1	3.7	0.0	0.0	0.2	0.0
Barlow	0.8	0.1	27.8	5.7	0.26	0.01	1.0	0.8	6.7	1.3	0.0	1.0	0.1	0.0
Breaker	0.6	0.1	24.9	38.0	0.16	0.04	0.8	0.7	13.2	2.1	2.7	0.0	0.2	0.0
Brennan	0.7	0.3	20.4	9.4	0.19	0.04	0.7	0.8	14.5	2.1	0.0	0.0	0.0	0.0
Brick	0.5	0.1	41.0	35.7	0.18	0.07	0.5	0.5	19.2	14.3	0.0	0.0	0.0	0.0
Briggs	0.7	0.3	41.1	32.7	0.33	0.08	0.9	0.6	13.6	3.9	0.0	0.0	0.0	0.0
Brogan	1.0	0.2	47.9	23.7	0.48	0.06	0.9	0.5	19.4	4.3	5.0	1.7	0.0	0.0
Faller	0.3	0.3	9.4	6.3	0.05	0.01	0.5	0.6	12.1	3.7	0.0	0.0	0.0	0.0
Glenn	0.2	1.1	21.3	2.4	0.04	0.01	0.6	0.5	12.2	3.6	0.0	0.0	0.0	0.0
Howard	0.7	0.2	33.9	30.6	0.20	0.06	1.3	0.7	13.9	4.7	0.0	0.0	0.0	0.0
Jenna	0.8	0.3	28.6	5.7	0.21	0.02	1.1	1.1	12.4	2.4	1.0	1.7	0.3	0.0
Kelby	0.7	0.4	24.5	20.3	0.18	0.08	0.5	0.6	13.1	2.7	5.0	0.0	0.0	0.0
Kuntz	0.5	0.1	13.7	3.3	0.12	0.01	0.6	0.5	15.9	3.7	0.0	0.0	0.0	0.0
NDSW0612	1.4	0.8	33.4	17.5	0.48	0.13	6.4	2.1	11.7	2.5	3.3	1.7	5.0	0.0
RB07	0.3	0.1	20.0	7.0	0.05	0.01	0.5	0.5	9.8	2.0	5.0	3.3	0.0	0.0
Sabin	1.1	0.1	37.8	4.7	0.42	0.01	0.5	0.5	16.8	7.2	6.7	1.7	0.2	0.0
Sampson	1.4	0.5	28.0	16.8	0.39	0.15	3.8	3.0	13.0	1.2	0.0	3.3	16.6	0.0
Tom	0.8	0.2	20.7	4.7	0.16	0.01	0.7	0.7	13.1	3.1	1.7	3.3	7.0	0.0
Traverse	0.6	0.3	15.3	3.3	0.07	0.01	0.5	0.5	12.0	2.9	0.0	0.0	0.0	0.0
Vantage	1.0	0.2	47.3	7.3	0.48	0.03	1.7	1.0	9.8	3.6	3.3	8.3	12.1	0.0
Mean	0.7	0.3	27.3	14.0	0.22	0.04	1.2	0.8	13.4	3.7	1.7	1.3	2.1	0.0
CV (%)	67.5		90.8		61.30		34.3		52.5		171.0		181.6	
LSD 0.05	0.6		30.3		0.13		0.6		7.0		4.1		0.0	

¹Fungicide treatment consisted of Stratego at 4 oz/acre at 4 lf stage and Prostaro at 6.5 oz/acre at flowering.

²FHB I = Fusarium Head Blight incidence

FHB HS = Fusarium Head Blight head severity

FHB FS = Fusarium Head Blight field severity

BLS = Bacterial leaf stripe

[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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