

2011 Winter Wheat Varietal Response to Foliar Applied Fungicides Mandan

Cooperator: USDA-ARS, Northern Great Plains Research Lab., Mandan

This trial was partially funded by Ducks Unlimited, Bismarck

Observations by Brandi Herauf, IPM Scout, Dickinson Res. Ext. Center

Variety	----- Untreated -----						----- Treated* -----					
	Tan Spot		Septoria		Bac Blight		Tan Spot		Septoria		Bac Blight	
	Inc	Sev	Inc	Sev	Inc	Sev	Inc	Sev	Inc	Sev	Inc	Sev
	----- % Flag Leaf -----											
Jerry	40	1	100	95	0	0	90	2	20	50	50	1
Decade	10	1	100	100	0	0	80	1	30	10	90	20
Falcon	20	20	100	95	0	0	30	1	20	20	90	40
Accipiter	60	2	60	80	40	10	70	1	10	50	70	10
Peregrine	80	10	80	80	40	10	90	2	0	0	70	20
Expedition	0	0	100	100	0	0	20	1	40	80	50	10
Darrell	10	1	100	95	10	5	50	1	20	50	90	20
Lyman	0	0	100	100	0	0	70	1	40	40	50	5
SD05118-1	40	10	70	85	10	50	90	2	20	80	90	60
Millennium	0	0	100	100	0	0	80	1	40	90	60	60
Wesley	30	1	100	95	10	60	60	1	10	100	70	40
Overland	0	0	100	100	0	0	60	1	20	40	70	20
Yellowstone	20	1	100	95	0	0	80	2	60	50	40	20
Carter	10	1	70	100	10	80	60	1	60	60	40	5
Boomer	10	1	100	100	0	0	60	1	20	20	50	10
Striker	0	0	100	100	0	0	40	1	30	10	50	10
WB Matlock	0	0	100	100	0	0	80	1	70	30	20	40
Hawken	10	1	90	100	10	2	30	1	70	90	60	10
Art	0	0	100	100	0	0	50	1	40	80	60	10
SY Wolf	60	2	40	20	40	50	100	1	40	10	50	60
Radiant	50	20	60	50	30	20	100	2	0	0	90	30
AP503CL2	0	0	100	100	0	0	40	1	10	100	80	10
PST-44	70	20	70	60	40	20	50	1	0	0	90	70
PST-45	60	5	70	60	30	3	50	1	40	60	50	50
PST-46	30	1	20	5	100	50	60	1	10	5	80	50

*Foliar fungicides: 5 oz/A Stratego applied on June 4 (jointing) and 8.2 oz/A Prosaro applied on July 1 (flowering).

Inc = percentage of flag leaves showing infection.

Sev = percentage of flag leaf surface infected with disease.

Date of Observation: July 21, 2011

Previous Crop: hrsw.