

2011 Evaluation of Diseases on Hard Red Spring Wheat Varieties at Hettinger

Evaluations by Brandi Herauf, IPM Crops Scout, Dickinson Res. Ext. Center

Variety	Tan Spot		Septoria		Fusarium (scab)		Leaf Rust		Untreated		---- Treated** ----	
	Inc*	Sev*	Inc	Sev	Inc	Sev	Inc	Sev	Test wt.	Yield	Test wt.	Yield
	%	%	%	%	%	%	%	%	lbs/bu	bu/A	lbs/bu	bu/A
RB07	60	1	100	2	0	0	0	0	53.5	30.0	55.2	35.8
Sabin	40	1	100	5	0	0	0	0	59.2	29.9	57.9	47.5
Faller	80	5	100	10	0	0	0	0	56.7	31.9	55.9	38.0
Prosper	50	2	60	10	0	0	0	0	57.5	23.2	55.7	40.0
Velva	40	1	100	5	0	0	40	2	55.1	42.4	55.8	49.0
Barlow	100	2	70	5	0	0	30	1	57.6	41.8	56.7	45.5
Steele-ND	70	3	100	3	0	0	30	1	56.1	35.9	55.5	38.6
Glenn	60	5	100	50	0	0	20	1	60.6	32.3	59.2	39.5
Select	40	5	90	60	0	0	0	0	57.1	43.3	55.5	44.7
SY Tyra	100	5	100	10	0	0	0	0	53.9	32.7	52.7	39.0
Mott	50	1	60	5	10	50	100	3	58.7	34.6	58.0	39.3
WB Gunnison	0	0	100	90	0	0	0	0	55.9	26.7	53.2	30.3
Brick	10	1	100	80	0	0	0	0	58.9	40.3	59.0	46.7
Briggs	20	1	100	5	0	0	0	0	56.6	39.7	55.3	43.3
Rollag	60	3	100	20	0	0	0	0	57.3	31.6	56.5	35.2
Howard	90	3	100	60	0	0	20	1	55.8	43.1	55.4	46.1
Alsen	70	3	100	90	10	2	0	0	56.2	27.3	55.4	32.1
Jenna	70	2	100	10	0	0	0	0	57.7	41.1	56.5	48.9
Brennan	80	2	100	5	0	0	10	1	57.3	44.5	57.1	49.9
Choteau	30	2	100	30	0	0	0	0	52.9	26.0	51.4	27.9
Kelby	40	1	100	10	0	0	0	0	58.1	46.4	57.3	49.9
Kuntz	80	2	100	10	40	50	20	1	54.2	37.5	54.3	39.4
Fryer	60	1	100	2	0	0	40	2	55.3	31.9	54.8	35.8
Vantage	70	1	100	5	20	60	60	1	60.3	36.3	60.3	37.8
ND901CL	70	4	100	5	0	0	60	1	56.9	34.5	56.3	38.9
AP605CL	70	5	100	4	0	0	0	0	56.3	47.3	55.5	51.7
Reeder	100	5	100	80	0	0	100	5	55.1	43.7	55.9	49.4
Tom	100	3	100	5	0	0	0	0	56.7	40.8	56.9	44.7
Breaker	90	5	100	10	0	0	20	1	59.1	45.2	57.8	44.2
Blade	90	3	100	5	0	0	0	0	58.2	41.8	57.3	40.5
Samson	80	3	100	5	0	0	40	1	55.3	47.6	56.3	53.2
Brogan	80	3	100	10	0	0	0	0	55.9	41.5	55.8	44.6
WB Digger	30	5	90	20	0	0	20	4	52.7	37.2	52.0	38.6
WB Mayville	0	0	100	98	0	0	0	0	51.6	36.6	51.6	41.6
Edge	60	2	100	5	0	0	60	5	56.4	44.7	55.8	48.5
SY Soren	60	1	100	5	0	0	0	0	55.5	43.9	55.4	48.8
O'Neal	10	1	100	95	0	0	80	3	53.2	35.6	53.1	36.0
Trial Mean									56.3	38.8	55.8	42.1

*Incidence = percentage of plants with disease.

*Severity = percentage of flag leaf surface or seed head with disease.

**Fungicide Treatments: 8 oz/A Pyraclostrobin (Headline) on June 7 (3 leaf) & 4 oz/A Tebuconazole (Onset) on July 6 (heading).

Date of Observation: July 28

Planting Date: May 2

Previous Crop: HRSW