

**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
<b>Trial Mean</b>									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