

2005 HRS Wheat Variety Tolerance to Foliar Diseases at Hettinger

Wesley Messer and Josh Seekins, IPM Crops Scouts, Dickinson Res. Ext. Center

Variety	---- Leaf Rust ----		Stripe Rust	----- Tan Spot -----	
	Incidence	Severity	Incidence	Incidence	Severity
	%	%	%	%	%
Mercury	50	1	15	100	2
Granite	50	1	85	95	2
Fryer	45	>1	0	95	2
Oxen	90	2	0	100	2
Briggs	0	0	45	100	2
Granger	55	1	70	100	2
Reeder	45	2	20	65	1
Parshall	70	2	15	65	2
Steele-ND	10	>1	30	100	2
Glenn	0	0	35	100	3
Gunner	65	2	0	55	2
Russ	10	1	15	100	2
Ingot	90	2	50	100	3
Norpro	15	>1	85	95	2
Alsen	10	>1	30	100	4
AC Amazon	25	1	0	50	1
AC Superb	55	2	35	95	2
Knudson	10	>1	95	80	2
Hanna	20	1	85	95	2
Oklee	55	1	0	100	2
Dapps	0	0	100	95	2
Burnside	0	0	0	100	2
Trooper	10	>1	100	95	2
Polaris	5	>1	5	65	2
Saturn	10	>1	10	60	2
Banton	10	>1	0	90	3
AP630CL	0	0	0	45	1
Keene	80	2	0	65	1
Laser	40	2	95	90	1
Outlook	15	1	55	100	2
Ulen	20	1	5	90	2
Express	20	1	5	100	3
Big Red	60	1	5	100	2
Buck Pronto	25	2	10	90	2
Trial Mean	27	1	40	88	2
C.V. %	90.6	80.2	46.7	20.8	42.5
LSD .05	50	1	38	NS	NS
LSD .01	66	NS	50	NS	NS

Disease Incidence = percent of plants infected with disease.

Disease Severity = percent of flag leaf area infected by disease.

Planting Date: April 4, 2005

Previous Crop: Soybean