

2005 Winter 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
	%	%	%	%	%
Jerry	60	2	40	100	7
Harding	3	>1	80	100	3
Millennium	57	2	73	100	6
McClintock	57	2	10	100	3
CDC Falcon	37	2	20	100	9
Arapahoe	87	3	93	100	3
Ransom	0	0	13	100	6
Expedition	63	2	17	100	8
Wesley	80	3	30	100	4
Roughrider	90	7	90	93	5
Jagalene	100	12	27	100	4
Yellowstone	100	8	33	100	6
NuSky*	100	9	100	77	2
CDC Buteo	73	4	66	100	6
Wendy*	100	5	80	100	4
Wahoo	33	2	73	100	6
Trial Mean	68	4	56	99	5
C.V. %	34.9	52.2	51.5	9.0	44.2
LSD .05	39	3	47	NS	4
LSD .01	53	5	63	NS	5

* Hard white winter wheat

Disease Incidence = percent of plants infected with disease.

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

Planting Date: September 20, 2004

Previous Crop: Barley