

Table 32. Reaction of entries in the 1994 Northern Regional Performance Nursery to tan spot. Data provided by R.M. Hunger, W.C. Siegerist, and C.K. Evans, Stillwater, OK.

Entry No.	Sel. No.	Reaction to Tan Spot		
		Rep 1	Rep 2	Rep 3
01	CI1442	4	4	3
02	CI17439	3	3	3
03	PI511307	4	3	4
04	SD89119	4	3	4
05	SD89333	3	3	2
06	SD89153	3	3	3
07	SD89180	3	4	4
08	SD89186	3	3	4
09	SD89205	2	3	3
10	HBC197F	4	4	4
11	ND8933	3	3	3
12	ND8955	3	3	3
13	ND8889	3	4	3
14	ND90109	4	4	4
15	ND8974	3	3	2
16	ND9043	1	2	2
17	ND9064	3	3	3
18	NE90625	4	3	4
19	NE90616	4	4	4
20	NE91562	4	4	3
21	NE91631	4	4	4
22	NE91648	4	4	4
23	XNH1564	3	3	2
24	XNH1727	4	3	4
25	XNH1772	4	4	4
26	XNH-1	3	3	3
27	XNH-2	3	3	3
28	ID0426	3	3	3
29	ID0355HW	3	3	3

*Clumps of seedlings growing in flats were inoculated when first leaves were fully expanded with equal numbers of conidia obtained from three isolates of *Pvrenophora tritici-repentis* at a final concentration of 2000 conidia/ml. Reaction to tan spot was determined using a scale where, 1=small (1-2 mm), dark lesions with no or little chlorosis, 2=lesions 2-3 mm with some chlorosis, 3=lesions 2-3 mm with extensive chlorosis, and 4=lesions >3 mm with coalescing chlorosis and/or necrosis. A reaction of '1' typically occurred on 'Red Chief' checks, and a reaction of '4' typically occurred on 'Tam-105' checks.