

Table 16. Reaction of entries in the 1994 Southern 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	3	3
02	CI13996	4	4	4
03	PI495594	4	4	3
04	OK88767-11	1	2	2
05	OK88767-02	3	-	3
06	OK90604	4	3	4
07	OK90649	2	3	2
08	OK91783	4	4	4
09	HBZ374C	4	3	3
10	TX90D9277	1	2	2
11	TX89A7137	4	4	4
12	TX91V4931	4	4	3
13	TX90V8410	4	3	3
14	TX90V7911	3	3	2
15	TX91V3308	2	2	2
16	TX89A7141	4	4	4
17	TX90V6313	4	4	3
18	TX92V4135	4	3	3
19	HBE0726-1	1	1	1
20	CO880169	3	4	4
21	CO880210	4	3	3
22	CO910927	4	3	3
23	KS92P059E	1	2	2
24	KS92P0263-137	3	3	3
25	KS92P0363-134	2	3	3
26	KS92P0425-155	4	3	3
27	KS84063-9-39-3	3	3	3
28	KS93U206	3	3	3
29	N87V106	4	4	4
30	NE90479	4	3	3
31	NE90524	4	4	4
32	NE91608	4	4	4
33	NE91635	4	4	4
34	NE91651	4	3	4
35	XH1520	3	2	3
36	XH1529	3	3	3
37	XH1689	4	3	3
38	XH1693	3	3	3
39	XH1706	2	2	2
40	WI89-273-13	2	3	3
41	WI89-189-14	3	3	3
42	T4731	3	2	3
43	T4732	3	2	2
44	T81	4	3	3
45	T83	2	3	2

*Clumps of seedlings with first leaves expanded were inoculated with conidia from three *Pyrenophora tritici-repentis* isolates at a final concentration of 2000 conidia/ml. Tan spot reaction was determined as, 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.