

Table 15. Reaction of entries in the 1994 Southern Regional Performance Nursery to wheat soilborne mosaic virus. Data provided by R.M. Hunger, W.C. Siegerist, and J.L. Sherwood, Stillwater, OK.

Entry No.	Sel. No.	Reaction to wheat soilborne mosaic virus						
		Visual (0-3)			ELISA			
		Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3	
01	CI1442	2	3	3	1.453	1.758	1.847	
02	CI13996	2	3	3	1.574	1.658	1.848	
03	PI495594	1	3	2	0.904	1.701	1.850	
04	OK88767-11	1	3	2	1.485	1.561	1.839	
05	OK88767-02	0	0	0	1.220	0.005	0.032	
06	OK90604	2	1	2	1.489	1.553	1.501	
07	OK90649	2	1	2	1.593	1.629	1.746	
08	OK91783	1	1	1	0.041	1.660	1.445	
09	HBZ374C	1	0	0	0.009	0.055	0.113	
10	TX90D9277	3	2	3	1.537	1.577	1.841	
11	TX89A7137	2	2	2	1.189	1.676	1.715	
12	TX91V4931	2	3	3	1.410	1.715	1.788	
13	TX90V8410	1	3	2	1.433	1.781	1.744	
14	TX90V7911	1	3	2	1.540	1.813	1.891	
15	TX91V3308	0	0	0	0.022	0.041	0.163	
16	TX89A7141	1	1	1	1.322	1.615	1.566	
17	TX90V6313	2	1	1	1.548	1.875	1.717	
18	TX92V4135	0	0	1	0.030	1.421	0.525	
19	HBE0726-1	1	1	1	1.373	1.604	0.026	
20	CO880169	1	1	3	1.598	1.593	1.608	
21	CO880210	3	1	2	1.703	1.814	1.535	
22	CO910927	1	1	0	0.012	0.021	0.068	
23	KS92P059E	0	0	0	0.011	0.018	0.057	
24	KS92P0263-137	0	0	0	0.003	0.014	0.014	
25	KS92P0363-134	3	2	2	1.430	1.796	1.553	
26	KS92P0425-155	0	0	0	0.030	0.012	0.025	
27	KS84063-9-39-3	0	1	0	0.011	1.525	1.300	
28	KS93U206	1	1	0	0.881	0.002	1.420	
29	N87V106	2	2	2	1.531	1.569	1.599	
30	NE90479	0	0	0	0.022	0.011	0.118	
31	NE90524	3	2	2	1.801	1.774	1.546	
32	NE91608	1	0	0	1.731	0.040	0.014	
33	NE91635	3	2	2	1.649	1.764	1.396	
34	NE91651	1	2	2	1.804	1.702	1.615	
35	XH1520	0	0	0	0.346	0.066	0.022	
36	XH1529	0	0	0	1.680	0.016	1.772	
37	XH1689	1	0	0	1.801	1.718	1.680	
38	XH1693	0	0	0	0.248	0.025	1.428	
39	XH1706	0	0	0	1.665	0.022	1.635	
40	WI89-273-13	0	0	1	1.021	0.010	0.003	
41	WI89-189-14	1	2	0	1.573	1.595	1.970	
42	T4731	1	1	0	0.005	0.001	0.028	
43	T4732	0	0	0	0.003	0.003	0.004	
44	T81	1	1	1	1.445	1.622	1.553	
45	T83	0	0	0	0.011	0.025	0.006	

The SRPN was tested in the field, with each rep being one, three-foot row. Rows were rated on a scale where, 0=no stunting, no mosaic, 1=slight stunting and/or slight mosaic, 2=moderate stunting and/or moderate mosaic, and 3=severe stunting and/or severe mosaic. Foliage samples collected at the time of visual assessment were evaluated in ELISA as previously described (Hunger, et al., 1991. Crop Sci. 31:900-905).