Table 12. Aluminum tolerance of lines tested in the 1991 SRPN based on hematoxylin staining of seedling roots. (Data provided by B.F. Carver, Stillwater, OK)

Entry No.	Selection No.	Stain Intensity[a] Al Concentration (mM) 0.18	0.36	0.72	Rating[b]
1	Kharkof	C	C	C	VS
2	Scout 66	C	C	C	VS
3	TAM 107	C	C	C	VS
4	OK87W663	P	P+/C	C	MS-I*
5	OK87542	P	C	C	MS
6	OK87630	C/P	C	C	VS-MS*
7	OK88767	P	C	C	MS
8	OK88W833	P	C/P+	C	MS-I*
9	TX88V4636	C	C	C	VS
10	TX84V1418HF	P	C	C	MS
11	TX88V5440	C	C	C	VS
12	TX88V4635	C	C	C	VS
13	TX87V1613	C	C	C	VS
14	TX88V4524	P	C	C	MS
15	TX89V4138	C	C	C	VS
16	TX88V5433	C	C	C	VS
17	TX86D1310	C	C	C	VS
18	TX86D1332	C	C	C	VS
19	TX88D3424	N	P-	P+/C	I-T*
20	CO850034	C	C	C	VS
21	CO850061	P-	P+	C	I
22	CO860086	N	P-	P	T
23	CO860094	N	P-	P	T
24	KSSB-369-7	P-	P	C	I
25	KSSB-192-3	N	P-	P+	T
26	HBC197F	N	N/C	P/C	MS-T*
27	KS87H6	C	C	C	VS
28	KS88H12-1	P	P+/C	C	MS-I*
29	KS88H12-2	P-/C	C/P	C	VS-I*
30	NE87615	N	P-	P	T
31	NE87409	C	C	C	VS
32	NE87451	N	P-	P+	T
33	NE88595	P-	C	C	MS
34	NE88427	C	C	C	VS
35	XH900	N/P	C/P	C/P+	MS-T*
36	XH1231	P	P	C	I
37	XH1322	P/N	C/P	C/P	MS-T*
38	XH1514	P/N	P	C	I
39	WI88-083	C	C	C	VS
40	WI88-024	P-/C/N	C/P	C	VS-I*
41	T19-3	C	C	C	VS
42	T67	P	C	C	MS
43	T21-3	C	C	C	VS
44	TH901	P/P-	C	C	MS
45	TH902	C/P	C/P-	C	VS-I*

[a]C, P, and N = complete, partial, and no staining of root tips, respectively; P- and P+ indicate light and dark intensity, respectively, of partial staining.

[b]VS = very susceptible, MS = moderately susceptible, I = intermediate and T = tolerant ($\leq$ 0.72 mM Al); * = heterogeneous response; predominant stain intensity listed first for each Al concentration.