

48.	HI1670	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
49.	GW547	R	S	MR	S	R	S	R	R	R	R	R	MR	R	R	R	Yr2+
50.	GW513(C)	S	S	MS	R	S	MS	S	S	R	R	S	S	R	R	R	Yr2+
51.	HI1636 (C)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
52.	HI1650(I)(C)	S	S	S	R	R	MS	R	S	MS	R	R	S	R	R	R	Yr2+*
53.	MACS6768(I)(C)	R	R	S	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
54.	HI1674	MR	S	MS	R	R	MS	MR	R	R	R	R	R	R	R	R	Yr2+
55.	AKAW5104	R	R	S	R	R	MS	R	R	R	R	R	R	R	R	R	YrA+
56.	HD2932(C)	MS	S	S	MS	S	S	R	MS	S	M S	S	R	R	M S	R	-
57.	MP4010(C)	R	S	S	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
58.	HI1634(C)	S	S	S	MS	MS	S	S	S	R	R	S	S	R	R	R	Yr2+
59.	CG1029(C)	MS	S	S	S	S	R	MS	S	S	R	R	R	R	R	R	Yr2+
60.	DBW359	R	S	S	R	R	MS	R	R	R	R	R	R	R	R	R	Yr2+
61.	DBW441	MS	S	S	R	R	S	R	S	R	R	S	S	R	M S	R	-
62.	DBW442	S	S	S	R	MR	S	R	S	R	R	R	MS	R	R	R	Yr2+
63.	CG1040	R	R	MR	R	R	R	R	R	R	R	R	R	R	R	R	-
64.	MP3288(C)	S	M S	S	R	S	S	S	S	R	R	S	S	R	R	R	Yr2+
65.	DBW110(C)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R*
66.	CG1036(I)(C)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
67.	HI1655(I)(C)	R	M R	MR	R	R	R	R	R	R	R	R	R	R	R	R	-
68.	UAS3020	R	S	S	R	R	R	R	S	R	R	R	R	R	R	R	Yr2+
69.	UAS3021	R	S	S	MR	R	R	R	R	R	R	S	R	R	R	R	Yr2+
70.	MACS6811	S	S	S	S	S	R	R	R	R	R	R	R	R	R	R	Yr9+
71.	MACS6809	S	S	S	S	MS	MR	R	S	S	S	MR	MS	R	M S	R	-
72.	NIAW4183	S	S	S	S	S	R	R	S	S	S	MR	S	R	R	R	-
73.	NIAW4153	R	S	S	S	S	R	R	R	R	R	R	R	R	R	R	Yr9+
74.	AKAW5314	S	S	S	R	R	S	S	R	R	R	S	S	R	R	R	YrA+
75.	AKAW5100	MS	S	S	R	R	R	R	R	R	R	R	MS	R	R	R	-

76.	MP1378	MS	S	S	MR	R	MS	MS	MS	R	R	S	R	R	R	R	Yr2+*
77.	MP1386	S	S	S	MS	R	R	R	R	R	R	R	R	R	R	R	Yr9+
78.	DBW443	S	S	S	S	S	R	R	R	R	R	R	R	R	R	R	Yr9+
79.	DBW444	S	S	S	S	S	S	S	S	R	R	S	S	R	R	R	Yr2+
80.	HD3469	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
81.	NWS2222	R	R	MS	R	R	R	R	R	R	R	R	R	R	R	R	Yr2+
82.	PWU15	R	S	S	R	R	R	R	R	R	R	MS	R	R	R	R	-
83.	WH1306	MR	S	S	S	S	S	S	S	R	R	S	MS	R	S	R	-
84.	PBW891	S	S	S	R	S	S	S	S	R	R	S	S	R	R	R	-
85.	HI8841(d)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
86.	UP3083	S	S	S	S	S	R	S	S	R	R	MR	MS	R	R	R	Yr2+
87.	MACS3949(d) (C)	MR	S	S	S	R	R	R	R	R	R	S	R	R	R	R	Yr2+
88.	HI8826(d)(I) (C)	S	S	S	S	S	R	R	S	S	S	S	S	MR	M S	M S	-
89.	MACS4100(d) (I)(C)	S	S	S	MS	R	MS	MS	MS	R	R	S	S	R	R	R	Yr2+
90.	MACS6222 (C)	S	S	S	S	S	S	S	S	R	R	S	S	R	R	R	Yr2+
91.	HI1672	MS	S	S	S	S	R	R	R	R	R	R	R	R	R	R	Yr9+
92.	HI1673	S	S	S	MS	S	S	MS	S	R	R	S	R	R	R	R	Yr2+
93.	HI1675	S	S	S	S	S	S	S	S	S	S	S	S	R	R	R	-
94.	DBW394	MS	M S	S	R	R	S	R	R	R	R	R	R	R	R	R	YrA+
95.	DBW395	S	S	S	S	MS	S	S	S	MS	R	R	S	R	S	S	-
96.	MACS6814	S	M S	S	R	R	S	S	MS	R	R	S	S	R	S	R	-
97.	MACS6805	S	S	S	S	S	S	S	S	S	S	S	S	S	R	R	-
98.	NIAW4114	MS	S	S	R	R	R	R	R	R	R	S	R	R	R	R	Yr2+
99.	NIAW4120	S	S	S	S	R	S	S	S	R	R	S	S	R	R	R	Yr2+
100.	UAS3022	R	M S	MS	R	MS	MS	MS	MS	MR	R	S	S	R	R	R	Yr2+
101.	UAS3023	S	S	S	R	R	MS	R	S	S	R	R	S	R	R	R	YrA+
102.	MP3557	S	S	S	S	S	S	S	S	MR	R	S	MS	S	M R	M R	-

103.	MP3556	S	S	S	R	MR	S	R	R	R	R	S	S	R	R	R	Yr2+
104.	PBW897	S	S	S	S	S	MS	R	R	R	R	R	R	R	R	R	-
105.	MP1388	S	S	S	S	S	S	S	S	S	M R	MS	S	S	R	S	-
106.	GW542	MS	M S	S	S	R	MR	R	R	R	R	S	MR	R	R	R	Yr2+
107.	GW538	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
108.	WH1310	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
109.	LOK79	MS	S	MS	S	R	S	R	S	MS	R	S	S	R	R	M R	-
110.	RAJ4083(C)	R	S	S	R	R	S	MS	R	R	R	S	S	R	R	R	Yr2+
111.	HD3090(C)	MS	S	S	R	R	MS	R	R	R	R	S	S	R	R	R	Yr2+*
112.	HI1633(C)	R	S	MS	R	MR	MR	MS	R	R	R	S	MS	R	R	R	Yr2+*
113.	UAS478(d)	MS	S	S	R	R	S	S	R	R	R	S	S	R	R	R	Yr2+
114.	UAS481(d)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
115.	HI1665	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R*
116.	HI8840(d)	R	R	S	R	R	R	R	R	R	R	R	R	R	R	R	Yr2+
117.	DBW397	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
118.	DDW61(d)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
119.	NIAW4028	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
120.	HI1605(C)	MS	R	S	R	R	R	MS	R	R	R	R	MS	R	R	R	Yr2+
121.	NIAW3170(C)	MR	S	S	R	MR	S	S	R	R	R	S	S	R	R	R	Yr2+
122.	UAS446(d)(C)	R	S	S	R	MS	S	S	R	R	R	S	S	R	R	R	Yr2+
123.	NIDW1149(d) (C)	R	R	R	MS	R	R	R	R	R	R	R	R	R	R	R	Yr2+
124.	DBW380	S	S	S	S	S	S	S	S	R	M S	S	S	R	M R	M S	-
125.	DBW370(I)(C))	S	M S	S	R	MS	S	S	MS	R	R	S	S	R	M R	R	-
126.	DBW371(I)(C))	S	S	S	MS	R	S	S	S	R	R	S	S	R	M S	M S	-
127.	DBW372(I)(C))	S	S	S	R	MR	S	S	R	R	R	S	S	R	R	R	Yr2+

128.	PBW872(I)(C)	R	S	S	R	R	S	MS	R	R	R	R	MS	R	R	R	Yr2+
129.	DBW377	R	S	S	R	R	S	R	R	R	R	R	R	R	R	R	Yr2+
130.	CG1044	S	S	S	R	MS	S	S	R	MS	R	S	S	R	R	R	Yr2+
131.	GW543	S	S	S	R	R	S	S	R	R	R	MS	MS	R	R	R	Yr2+
132.	DBW187(C)	R	S	S	R	R	S	R	R	R	R	R	R	R	R	R	Yr2+
133.	DBW303(C)	R	S	S	S	R	MR	R	R	MR	R	R	S	R	R	R	Yr2+
134.	GW322(C)	R	M S	S	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+*

* Different seed lot to that of previous cropping season, - Gene not postulated, *R* resistant to all pathotypes