

Seedling reaction of entries of the 2005 North Central Hard Red Spring Wheat Nursery to selected isolates of *Puccinia triticina* (J.A. Kolmer, USDA-ARS, Cereal Disease Laboratory, 1551 Lindig Street, St. Paul, Minnesota 55108).

Entry no.	Cultivar/line	Reactions produced by NA race*							Postulated genes*
		THBJ	KFBJ	MFBJ	MHDS	MJBJ	MCDS	TNRJ	
1	Marquis	3+	3+	3+	3+	3+	3+	3+	---
2	Chris	3+	3+	;12-	3+	3+	3+	;1-	---
3	2375	;23	;0	2+3	3+	3+	3+	;1-	Lr1
4	Verde	22+	---	0;	3+	3+	;	0;	Lr16
5	Keene	3	;1-	1	0;	0/3+	0;	1+	Lr16
6	SD3687	;22+	;	0;	0;	0;	0;	;	Lr2a, Lr16
7	SD3851	;22+	;	0;	0;	0;	0;	0;	Lr2a, Lr16
8	SD3854	;22+	;3+	;	0;/3+	0;	0;	0;	Lr2a, Lr16
9	SD3868	;2+3	0;	;	3+	0;	;	0;	Lr16 + ?
10	SD3870	;2+3	;	0;2-	0;	0;	0;	0;	Lr2a, Lr16
11	CA-904-741	0;	0;	0;	0;	0;	0;	0;	+
12	CA-904-742	0;	0;	0;	0;	0;	0;	0;	+
13	BZ-999-592	0;	0;	0;	0;	0;	0;	0;	+
14	CA-904-743	0;	0;	0;	0;	0;	0;	0;	+
15	98S0127-06	;	0;	0;	3	2+3	12	0;	Lr16, + ?
16	97S0254-8-1	;	0;	0;	0;	3+	0;	0;	Lr16, Lr24
17	98S0113-20	3	0;	;	2+3	2+3	;12-	0;	Lr16
18	99S0006-2	;1-	0;	;	;	;	;	0;	+
19	99S0051-3-1	3	;	0;	3+	3+	;12-	0;	Lr16
20	NDSW0345*	3+	3	0;	;	0;	0;	;	Lr2a, Lr26
21	NDSW0348	3+	;1-	0;	0;	0;	0;	1+	Lr2a, Lr16
22	NDSW0350	;	3	0;	0;	0;	0;	3-	?
23	MN00261-4	;23	;	;	3+	2+3	;2	;	Lr16
24	MN01311-A	;2	0;	;	;	3	;	;	Lr16, Lr23
25	MN01333-A	;22+	0;	;	;	;1-	;	;	Lr2a, Lr16
26	MN02072	2+3	3	3;	;	;	;	;	?
27	MN02252-A	3+	0;	0;	;	0;	;	;1-	Lr2a, Lr16
28	WA007957*	3+	3+	3+	3+	3+	3+	3+	none
29	BW361	;1-	;1-	0;1-	0;	0;	0;	;	+
30	BW364	;	;1-	;1-	;	;	;1-	;1-	+
31	BW367	;	;	;	;	0;	0;	;	+
32	00H04*J3	3+	;	0;	0;	0;	0;	;	Lr2a, Lr16
33	MT 0245	3+	3	0;	0;	0;	0;	3	Lr2a
34	MT 0266	3	1-	0;	0;	0;	0;	2+	?
35	ND03/1-15	;	0;	0;	0;	0;	0;	;	+
36	ND03/1-9	;	0;	0;	0;	0;	0;	;	+
37	ND03/1-13	;	0;	0;	0;	0;	0;	;	+
38	ND04/3-18	0;	0;	0;	0;	0;	0;	0;	+
39	ND04/3-19	;	;	0;	0;	0;	0;	;	+
40	F0049	3	;	0;	0;	0;	0;	;	Lr2a, Lr16

\*When possible, Lr gene postulations were made based on infection type to the races in this test. However the postulations would need to be confirmed before publication.