

Table 38. Seedling reaction of entries of the 1994 Uniform Western Plains Hard Red Winter Wheat Performance Nursery to selected isolates of *Puccinia graminis* f. sp. *tritici*. (D.V. McVey, USDA-ARS, Cereal Rust Laboratory, U. of Minnesota, St. Paul, MN. 55108)

No Cult/Line	Reaction Produced by Isolates								Postulation Sr Gene
	74-	75-	76-	70-	71-	76-	76-	76-	
	14-	32-	00-	21-	00-	14-	21-	21-	
	504C	1662A	118B	528A	24C	396A	833B	702C	
	RPQQ	RTQS	RTQQ	QFBS	QSHS	TNMH	TNMK	RKQS	
1 CI17650	0;	2	0;	2=	2=	23	23	2-	17,+
2 PI483469	2=	2=	2=	2=	2=	2=	2=	2=	24,31
3 CO820009	0;	2=	0	;1	2=	0;	0;	2=	6,17,24
4 PI518591	0;	-	0;	0	2=	0	0	2=	6,17,24
5 CO890323	2=	2=	2=	2=	2=	2=	2=	2=	Amigo
6 CO900314	0;	22-	23	0;	2-	0;	0	23	6,+
7 CO900777	0;	;1	2=	0;	2-	0;	0	;1-	6,Amigo
8 CO900914	2=	2=	2=	2=	2=	23	-	23	Amigo
9 CO910927	2=	2=	2=	2=	2=	2	2-	2=	Amigo
10 NE88584	0;	S	0;	0;	S	0;	0	S	6,17
11 NE90479	0;	2-	0;	0;	2=	0	0	2=	6,17,+
12 NE90411	0;	2-	23	0;	2=	0;	0	2-	6,+
13 N911L168	0;	;1-	0;	2=	2=	;1-	0	;1-	6,31
14 N90V006	S	S	S	S	S	S	S	S	None
15 N90V121	0;	S	S	0;	2-	0;	S	S	+
16 TX90A9524	2	2=	2	2-	2-	23	-	2	Amigo?
17 TX90V7119	0;	2=	0;	0	2=	0;	0	2=	6,17,+
18 TX90V8734	0;	0;	0;	0;	2=	0	0	;1-	6,17,Amigo
19 TX89A7315	S	S	S	2	S	S	-	S	+
20 TX89A7318	S	S	S	23	S	S	S	S	+
21 TX91V5524	2=	S	2=	2-	2-	S	S	S	+
22 TX90V6132	2=	2=	2-	2=	2=	2=	2=	2=	Amigo?
23 TX91V3736	0;	2=	0;	2=	2-	0;	2-	2-	17,Amigo
24 TXGH12588-26	2=	2=	2=	2=	2=	2=	2=	2=	Amigo
25 TXGH12588-105	2=	2=	;1	1	2=	2=	2=	2=	Amigo
26 TXGH12588-120	2=	2=	2=	2=	2=	2=	2=	2=	Amigo
27 QT542	S	S	S	S	S	S	S	S	None
28 XH1724	-	2=	2=	0;	2=	0;	0;	2=	6,Amigo
29 XH1733	0;	2-	S	0;	2	0;	0;	S	6,+
30 T76	0;	2=	1	0;	2=	0;	0	1	6,+
31 ID0445	S	S	S	S	S	S	S	S	None

Sr Gene

Set I	5	9d	9e	7b
Set II	11	6	8	9a
Set III	36	9b	13	10
Set IV	15	16	17	Tmp