

Table 7. Summary of field reactions to leaf rust, 1999 SRPN.

Line	Entry	Bushland, TX		McGregor, TX		Chillicothe, TX	Prosper, TX		Beeville, TX	Manhattan, KS	St. Paul, MN	
		% infected	reaction type*	reaction type, 2/3/99	reaction type, 4/24/99	reaction type	% infected	reaction type	reaction type	reaction type	leaf rust 6/25/99	stem rust 7/6/99
Kharkof	1	20	MS	60S	80S	80ms	93	S	S	90S	20S	60S
Scout 66	2	20	MS	60S	90S	80s	73	S-MS	S	90S	40S	40S
TAM-107	3	70	S	80S	90S	80s	97	S	S	90S	80S	60MS
OK94P549-2C	4	0	;	5MR	40MS	30s	20	MS	R	R	TR	60S
OK95616-14C	5	50	S	30S	80S	60s	67	S	S	80S	5MR-MS	60S
OK95571	6	2	R	5MR/MS	90S	30s	47	S	MR	70S	5MS-S	60MS-S
OK96717	7	2	MR	30S	40S	50s	20	MS	R-MR	TMS	5MR	60MS
OK95548-26C	8	5	MR	tMR/MS	30MS	80s	20	MS	R-MR	5MS	5MR	20R-MR
TX93D2066	9	5	MR	R;	20MS	10mr-30s	20	MS	MS	TMS	40S	5MS-S
TX95D8283	10	0	;	R	R	0;	0	0	R	R	5R-MR	40MR
TX90A9528	11	20	MR	20MS	80S	30s	93	S	S	90S	20S	20MR-S
TX94V5922	12	30	MR	10S	R	0;-80s	80	S	R	30MS	10S	60MS-S
TX95V4339	13	0	;	R;	R	0;	13	MS	R	R	TR	5MR-S
TX95V5905	14	0	;	R	MIX R-80S	60s	0	0	R	R	TMR	10MR
TX97V4311	15	1	MR	R	R	0;	0	0	R	R	TMR	TR
CO940611	16	30	MS	60S	80S	90s	80	S	S	90S	60S	10MR
CO950043	17	75	S	80S	90S	100s	100	S	S	90S	60S	60S
Trego	18	1	MR	R;	60S	20mr	0	0	R	10MS	TMR	5MR
KS95H167-3	19	0	;	R	tR;	0;	0	0	MR	TMS	TR	TMR
KS96HW10-3	20	20	MR	70S	90S	100s	100	S	S	100S	20MS-S	5R-MR
KS96HW115	21	5	MR	60S	80S	90s	100	S	S	100S	10MS-S	40S
KS96HW94	22	1	MR	5MS	80S	20s	93	S	S-MS	60MS	5S	60S
G96047	23	20	MS	80S	100S	50s	100	S	S	40MS	60S	30MR-MS
G96134	24	35	S	80S	100S	100s	100	S	S	90S	60S	60MS-S
G96135	25	79	S	80S	100S	100s	100	S	S	80S	60S	60S
G96044	26	3	MR	30MS/S	80S	80s	100	S	S	90S	-	-
NE95510	27	15	MR	20S	60S	60s	100	S	S	10MS	5MR	TMR
NE96573	28	10	MR	20S	90S	30s	67	MS-S	S	60MS	TMR	TR
TK1269	29	0	;	R;	tR	0;	0	0	R	R	-	-
TB1071	30	2	MR	R;	10MR	0;	0	0	R-MR	10MS	-	-
T108	31	10	MR	80S	90S	90s	100	S	S	100MS	20MS-S	40MS-S
T111	32	40	MS	80S	90S	100s	100	S	S	90S	30MR-S	40MS-S
T112	33	30	MR	40S	70S	100s	100	S	S	90S	60S	30MS-S
T114	34	3	MR	R	tR	0;	0	0	S	R	60S	30MS-S
W95-385	35	1	MR	5MR/MS	40S	30mr	43	MS-S	S	50MS	20S	5MS-S
W95-392	36	2	MR	30S	80S	30ms	60	S	S	60S	TMR	10MS-S
W95-091	37	0	;	R	R	80s	0	0	R	0	TR	TS
W94-480W	38	20	MR	30S	80S	50s	20	S-MS	S	80S	5MR-MS	5MS
W95-610W	39	3	MR	tR/MR	80S	0;	60	MR-MS	MS	10MR	TMR	5S
XH1888	40	0	;	R	R	tr	0	0	R	0	TMR	5MR-MS
XH9806	41	1	MR	5MR/MS	50S	70s	20	MS	S	20MS	TR	TR
XH9815	42	2	MR	tMR	80S	80s	27	MS-S	S	TMS	TMR	TMR
KS89180B-2-1-2	43	1	MR	5MR	20MS	40mr	0	0	S	0	TS	20MS-S
HBK0630-4-5	44	15	MR	10MR/MS	40S	60s	60	S-MS	S-MS	TMS	50S	20MS-S
NW97S151	45	15	MR	5R/MR	30S	30ms	67	MS	S	TMS	5R	TMS