

Annexure 8 : Adult plant response of AVT Ist year material against leaf rust (south) under field conditions (artificial inoculations) during 2013-14

Sr. No.	Variety	Indore	Mahab.	Junagarh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
AVT Ist Year 2013-14										
I. NORTHERN HILL ZONE										
1	HPW 373	TMR	0	TR	20S	TMR	40MS	TR	40MS	7.5
2	HPW 400	5MS	0	TMR	20S	5MR	10MR	5MS	20S	4.9
3	HPW 401	0	5S	0	20S	0	TR	10MS	20S	4.7
4	HPW 410	0	20S	TR	40S	5MR	5MR	5MR	40S	9.4
5	HPW 411	0	5S	TMR	60S	TMR	TR	TR	60S*	9.4
6	HPW 412	30S	40S	0	60S	10MS	5MR	0	60S	20.0
7	HS 547	TMR	5MR	TMR	20S	TMR	0	0	20S	3.3
8	HS 558	5S	20MS	10S	20S	TMR	30S	10MS	30S	12.8
9	HS 562	5S	20MR	TMR	60S	10MS	20S	10MS	60S	15.6
10	HS 577	0	20S	0	20S	TMS	TR	0	20S	5.8
11	HS 590	TS	20S	20S	20S	TMR	TS	TR	20S	8.9
12	HS 591	20S	30S	TR	0	TMR	5MR	TR	30S	7.5
13	HS 592	5MS	5S	TR	0	0	0	15MS	15MS	3.0
14	HS 593	5MS	5MS	TMR	40S	5MR	TR	0	40S*	7.2
15	HS 594	5S	10S	TMR	20S	10MR	0	0	20S	5.6
16	HS 595	0	0	TMR	0	5MR	TR	0	5MR	0.3
17	UP 2890	20S	20S	10S	60S	20S	TR	TR	60S	18.6
18	UP 2891	10MR	20MR	TR	5S	0	5MR	10MR	20MR	3.3
19	VL 976	0	20MS	TR	20S	TMR	TR	TR	20S	5.2
20	VL 977	0	TMS	0	20S	TMR	0	TR	20S	3.0
20. A	INFECTOR	100S	80S	100S	80S	90S	80S	80S	100S	87.1
21	VL 1003	0	10MS	TMR	20S	TMR	TR	0	20S	4.1
22	VL 1004	0	20MR	TS	20S	TMR	5MR	0	20S	4.5
23	VL 3002	5S	10S	TMS	60S	TMR	0	5MS	60S	11.5
24	VL 3004	0	5S	0	5S	TMR	0	0	5S	1.5
25	VL 3005	0	5S	0	40S	TMR	0	TR	40S*	6.5
26	VL 3006	0	5MS	TMR	60S	5MS	TR	5MS	60S	10.3
II. NORTH WESTERN PLAIN ZONE										
27	DBW 95	0	5MS	10S	20S	10MS	5S	10MR	20S	7.3
28	DBW 128	5MR	5MS	TR	20S	TMR	0	5MR	20S	4.1
29	DBW 129	0	TMS	5S	5S	0	0	10MS	10MS	2.7
30	HD 3128	10MS	10S	5MR	20S	TMR	TR	0	20S	5.8
31	HD 3132	0	0	0	0	10MR	5MR	0	10MR	0.9
32	HD 3133	5MR	10MS	TR	0	0	TR	0	10MS	1.4
33	HD 3139	TMS	10S	TR	20S	TMR	5MR	TR	20S	4.7
34	HD 4730	5MS	5S	TR	0	0	20MR	TR	20MR	2.4
35	HUW 675	0	0	TR	0	10MS	0	5MS	10MS	1.7
36	K 1204	0	10MS	TR	20S	10MR	0	10MS	20S	5.7
37	MP 1277	TMS	20MS	TR	5S	TMR	10S	5MS	20MS	5.2
38	PBW 677	0	0	TR	20S	TMR	TR	10S	20S	4.3
39	PBW 692	0	20S	10S	40S	10MR	20S	5MS	40S	14.0
40	PBW 695	0	10MS	5MR	40S	0	5MR	0	40S	7.4
40. A	INFECTOR	100S	80S	100S	80S	90S	80S	100S	100S	90.0
41	PBW 697	5MR	5S	TR	20S	0	0	10MS	20S	5.0
42	PBW 698	5MS	20MS	10MR	5S	0	5MR	10MS	20MS	5.6

Sr. No.	Variety	Indore	Mahab.	Junagarh	Wellington	Nipahad	Pune	Powarkheda	HS	ACI
43	PBW 702	30S	20S	20S	80S	10S	40S	40MS	80S	33.1
44	PBW 703	5MS	10S	TR	0	0	20S	0	20S	4.9
45	PBW 706	0	10MS	TR	0	0	0	0	10MS	1.1
46	TL 2995	0	5MS	0	0	0	0	0	5MS	0.6
47	UAS 356	5MS	20S	TR	80S	5MS	0	TR	80S	15.4
48	WH 1154	5S	20S	20S	10S	10MR	20S	TR	20S	11.3
49	WH 1156	20S	20S	20S	40S	TMR	10MR	10MS	40S	16.1
50	WH 1157	5S	10S	5S	40S	10MS	5MR	10MR	40S	10.6
51	WH 1164	5MR	20S	5MR	80S	10MS	0	0	80S	16.0
III. NORTH EASTERN PLAIN ZONE										
52	DBW 126	TS	10S	TR	80S	5MR	0	0	80S*	13.3
53	DBW 98	5S	20S	10S	10S	0	5S	5MR	20S	7.4
54	HD 3127	5MR	5MS	TS	20S	0	0	10MS	20S	5.0
55	HUW 661	0	20S	TR	5S	0	5MR	0	20S	3.9
56	HUW 677	5MS	20S	TS	0	0	5MR	0	20S	3.9
57	HUW 679	0	10S	5S	5S	0	10MR	0	10S	3.4
58	PBW 693	5MS	20S	TR	10S	TMR	10S	TR	20S	6.3
59	PBW 701	5MS	20S	5MR	0	TMR	10S	0	20S	5.2
60	PBW 704	0	10MS	TS	10S	TMR	0	10MS	10S	3.9
60. A	INFECTOR	100S	80S	100S	80S	90S	80S	80S	100S	87.1
61	UP 2855	0	20S	TMS	20S	0	20S	15MS	20S	10.4
62	WH 1132	5MS	20S	10S	20S	TMR	5MR	10MS	20S	9.2
IV. CENTRAL ZONE										
63	CG 1010	20MS	10S	5S	60S	TMR	TR	10MS	60S	14.2
64	DDW 30 (D)	0	20MR	10S	5S	TMR	5MR	0	10S	3.6
65	GW 451	0	20S	0	5S	0	TR	0	20S	3.6
66	GW 455	0	0	TR	0	0	5MR	0	5MR	0.3
67	HD 3146	5MR	10MR	TR	0	10MS	5MR	0	10MS	2.3
68	HD 4728 (D)	5MS	30S	TR	0	0	10MR	10MR	30S	6.0
69	HI 8750 (D)	10MR	20MR	TR	0	TMR	20MS	0	20MS	4.1
70	HI 8755 (D)	TMS	20S	TR	5S	TMR	20MR	TR	20S	4.9
71	K 1215	5S	20S	TS	60S	10S	20S	0	60S	16.6
72	K 1217	5MS	10S	TS	40S	10MS	20S	0	40S	11.9
73	MACS 3916 (D)	20S	20S	0	0	TMR	30S	5MS	30S	10.6
74	MACS 3927 (D)	20S	80S	TS	0	20MR	20MS	10MR	80S	18.4
75	MACS 6604	0	5S	TR	40S	10MS	20S	0	40S	10.4
76	MP 1279	TS	20S	TR	0	TMR	0	0	20S	3.1
77	NIAW 2030	TR	10S	0	0	0	0	0	10S	1.4
78	UAS 451 (D)	5S	10S	TR	0	0	20MR	5MR	10S	3.6
V. PENINSULAR ZONE										
79	DDW 27 (D)	20MS	40S	TS	0	TMR	30MS	0	40S	11.6
80	HI 8751 (D)	5MS	10MR	0	0	0	20MR	0	20MR	2.3
80. A	INFECTOR	100S	80S	100S	80S	90S	80S	80S	100S	87.1
81	HI 8754 (D)	10MS	20S	0	0	TMR	10MR	5MS	20S	5.2
82	K 1213	40S	10S	TR	40S	5MS	TR	15MS	40S	15.1
83	UP 2864	0	5MS	TR	20S	0	10MR	5MS	20S	4.6
VI. SOUTHERN HILLS ZONE										
84	MACS 6507	0	10S	0	40S	10MS	20S	10MS	40S	12.3
85	UAS 358	5S	20S	TR	60S	20MS	10MR	5MS	60S	15.6

Sr. No.	Variety	Indore	Mahab.	Junagarh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
VII. SPECIAL TRIAL (Dicoccum and Sailinity and Alkalinity)										
86	DBW 154	TS	10S	0	20S	10MR	5MR	10MS	20S	6.4
87	DBW 155	5S	0	10S	0	0	TR	TR	10S	2.1
88	MACS 5040	0	20S	TR	0	0	10MR	0	20S	3.4
89	MACS 5031	0	TS	TR	0	0	5MR	0	5MR	0.4
90	DDK 1046	0	20S	TR	0	0	10MR	0	20S	3.4
91	DDK 1044	0	5S	TR	0	0	5MR	0	5S	1.0
92	HW 1099	0	0	0	0	0	20MR	0	20MR	1.1
III. SPECIAL TRIAL (TRITICALE)										100. A
93	TL 2996	TMS	5MS	0	0	0	0	0	5MS	0.7
94	TL 2997	40S	30MS	TR	5S	TMR	0	0	40S	9.9
95	TL 2998	0	10MS	0	5S	0	TR	0	10MS	1.9
96	TL 2999	0	5MS	0	0	0	0	0	5MS	0.6
97	TL 3000	10S	5MS	0	0	0	0	0	10S	2.0
98	TL 2942 (C)	0	5MS	0	0	0	TR	0	5MS	0.6
99	TL 2969 (C)	5S	10MS	0	0	0	5MR	0	10MS	2.1
IV. SPECIAL TRIAL (MABB/NIL ENTRIES)										
100	PBW 722	5S	10S	5S	0	0	0	TR	10S	2.9
100. A	INFECTOR	100S	80S	100S	80S	80S	80S	80S	100S	85.7
101	PBW 723	TR	0	TR	0	0	10MR	0	10MR	0.6
102	KB 2012-03	40S	20S	0	80S	40S	30S	10MS	80S	31.1
103	HD 2932+ <i>Sr</i> 26	60S	60S	10S	0	30S	30S	20MS	60S	29.4
104	HD 2932+ <i>Lr</i> 19/ <i>Sr</i> 25	5MS	-	0	0	0	5MR	TR	5MS	1.0
105	MMBL 283	5S	20S	5S	0	10MS	40S	0	40S	11.1
106	HUW 234 (C)	5S	60S	TS	0	50S	60S	20MS	60S	27.4
107	PBW 343 (C)	40S	20S	TR	0	10MS	40S	20MS	40S	17.7