

**Annexure 2: Adult plant response of AVT Ist year material against leaf rust (South) under field conditions (artificial inoculations) during 2012-13**

Sl. No.	Entries	Vijapur	Pune	Dharwad	Wellington	Nipahd	Powarkheda	HS	ACI
<b>AVT Ist Year</b>									
<b>I. NORTHERN HILL ZONE</b>									
1	HPW 376	20MR	TR	20MR	0	5S	0	20MR	3.5
2	HPW 380	20MS	5MR	5S	60S	10MR	10S	60S	16.2
3	HPW 381	10MR	0	5MR	0	0	TR	10MR	1.0
4	HPW 387	TR	0	20S	20S	5MR	20S	20S	10.4
5	HPW 388	TR	20MR	10MR	10S	0	0	10S	3.7
6	HPW 397	20MR	5MR	20MR	80S	5MR	0	80S	16.7
7	HPW 398	10S	20S	20MR	80S	TMS	0	80S	19.8
8	HPW 399	10MR	20S	40MR	10S	5MR	TR	20S	8.7
9	HS 557	0	5MR	20MR	5S	0	20S	20S	5.8
10	HS 574	TR	0	10MR	20S	0	10MS	20S	5.4
11	HS 575	0	5MR	5MR	10S	5MR	10MS	10S	4.0
12	HS 576	20MR	10MR	40MR	40S	0	10S	40S	13.0
13	HS 577	20S	0	10MR	60S	TMR	10MS	60S	15.4
14	HS 578	TR	TR	10MR	0	TMS	20S	20S	4.2
15	UP 2871	30MS	5MR	20MR	5MR	5MR	0	30MS	6.3
16	UP 2872	10MS	0	5MR	20S	TMR	0	20S	5.1
17	VL 1001	TMS	5MR	5MR	10S	0	10S	10S	4.1
18	VL 1002	0	5MR	5MR	10S	0	TR	10S	2.4
19	VL 3001	0	5MR	5MR	20S	5MR	TR	20S	4.4
20	VL 3002	30MS	10S	5MR	40S	5MR	20MS	40S	15.7
20. A	INFECTOR	30S	90S	80S	100S	80S	80S	100S	76.7
21	VL 3003	0	TR	10MR	10S	5MR	30MS	30MS	6.7
22	VL 967	10MR	0	20MR	20S	5MS	0	20S	6.0
<b>II. NORTH WESTERN PLAIN ZONE</b>									
23	DBW 101	20MR	5MR	20S	10S	5MS	TR	20S	7.4
24	DBW 102	30S	5MR	60MR	5S	5MS	10S	30S	12.5
25	DBW 110	20MS	0	40MR	5S	TMS	TR	20MS	6.3
26	HD 3109	20MS	5MR	40MR	5S	0	10MS	20MS	7.8
27	HD 3117	0	0	20S	40S	5S	0	40S	10.8
28	HD 3119	0	0	60MR	20S	5MS	0	60MR	8.0
29	HD 3120	10S	5MR	40MR	10S	5S	15MS	40MR	9.2
30	HD 3121	0	10MR	80MR	10S	5MS	10MS	80MR	9.7
31	HD 3122	0	0	20MR	40S	0	25MS	40S	11.3
32	HD 3123	TR	0	10MR	60S	5MR	15S	60S	13.5
33	HI 8735	10S	20MR	0	TS	15MR	15MS	15MS	6.2
34	HI 8736 (d)	20MR	30S	60MR	0	10MR	0	30S	11.0
35	HI 8738	20MS	10MR	30MR	0	5MR	0	20MS	5.7
36	HI 8739	TR	20MR	20MR	0	TMR	10MS	10MS	4.1
37	HUW 662	TR	5MR	10MR	5S	0	0	5S	1.9
38	HUW 664	20MS	10S	20MR	20S	5S	10S	20S	11.5
39	HUW 666	10MR	0	30MR	10S	5MR	0	30MR	4.7
40	HUW 668	20MR	0	5MR	5S	0	10S	10S	4.2
40. A	INFECTOR	30S	90S	80S	100S	70S	90S	100S	76.7
41	HUW 669	0	20MR	10S	TR	5S	15MS	15MS	5.9
42	JAUW 598	TR	0	10MR	5S	0	20S	20S	4.9
43	K 1114	20S	5MR	20MR	60S	5MS	0	60S	15.7
44	MACS 3929	TR	20MR	60MR	0	5MR	TR	60MR	5.7

St. No.	Entries	Vijapur	Pune	Dharwad	Wellington	Nipahad	Powarkhedda	HS	ACI
45	MP 3392	TR	0	10S	5S	5MS	15S	15S	5.7
46	NIAW 1951	TR	20S	10MR	10S	5MR	0	20S	6.0
47	NIDW 706	20MR	TR	80MR	10S	5MR	0	80MR	8.7
48	PBW 681	20MS	5MR	10S	10S	5MR	15S	20MS	9.2
49	PBW 683	10MR	5MR	5S	20S	5MR	10MS	20S	6.8
50	PBW 689	TR	5MR	10S	60S	5MR	0	60S	12.4
51	UP 2841	20MS	0	30MR	40S	0	15MS	40S	13.3
52	UP 2843	TR	0	20MR	10S	5MR	TR	10S	3.4
53	UP 2847	TR	5MR	20S	10S	0	0	20S	5.4
54	UP 2848	0	0	10MR	20S	0	10MS	20S	5.3
55	UPD 94	0	20MR	5S	0	5MR	20S	20S	5.8
56	WH 1128	10MS	20S	60MR	10S	5MR	0	60MR	10.7
57	WH 1129	0	20MR	60MR	0	5MR	10MS	60MR	7.0
58	WH 1130	TR	20S	60MR	10S	5MS	15MS	60MR	11.7
59	WH 1138	40S	20S	20MR	0	10S	5MS	40S	13.7
60	WH 1139	10MR	5MR	60MR	40S	TMR	0	40S	11.7
60. A	INFECTOR	40S	90S	40S	100S	90S	80S	100S	73.3
61	WH 1142	TR	5MR	60S	20S	10S	20S	60S	18.7
<b>III. NORTH EASTERN PLAIN ZONE</b>									
62	BRW 3723	TR	5MR	10MR	80S	5MS	0	80S	15.0
63	DBW 107	TR	0	10S	60S	5MR	15MS	60S	14.0
64	HD 3110	0	20S	20S	40S	5S	20S	40S	17.5
65	HD 3111	0	0	40MR	0	5MR	10MR	40MR	3.7
66	HD 3118	20S	10MR	5S	10S	5MS	10MR	20S	7.8
67	HUW 667	40MS	5MR	20MR	5S	5MS	0	40MS	8.5
68	K1105	30MR	5MR	40MR	5S	10MR	15S	40MR	9.0
69	NW 5064	20MR	5MR	40S	60S	5S	15S	60S	21.7
70	PBW 688	20MR	0	20MR	5S	5S	20MR	20MR	5.7
71	UAS 347	10MS	0	20S	80S	0	10S	80S	19.7
72	UP 2844	TR	TR	5MR	5S	0	TR	5S	1.3
73	WH 1136	TR	5MR	20MR	5S	5S	20S	20S	6.7
74	WH 1137	0	TR	80MR	5MS	10S	0	80MR	7.7
<b>IV. CENTRAL ZONE</b>									
75	DDW 23	20MR	5MR	40MR	5S	5MS	0	40MR	5.8
76	GW 1292 (d)	10MR	40S	40MS	10S	20MS	10MS	40S	18.3
77	GW 440	40S	0	20MR	60S	5MR	15MS	60S	20.3
78	HD 3114	20MS	30S	40S	TR	5MS	0	40S	15.0
79	HI 1588 <sup>Q</sup>	20MS	5MR	5MR	5S	5MR	TR	20MS	4.5
80	HI 8737 (d)	0	10MR	40MR	0	5MS	10S	40MR	5.7
80. A	INFECTOR	40S	90S	60S	100S	80S	100S	100S	78.3
81	HI 8742 (d)	0	20MR	40S	TR	5MR	0	40S	8.4
82	K 1116	TR	0	40S	40S	5S	15MS	40S	16.2
83	MACS 3915 (d)	60S	40S	20S	0	20MS	5MR	60S	23.0
84	MACS 6568	TR	30S	40S	10S	20S	20S	40S	20.0
85	MP 3379	30MS	5S	10MR	TR	0	10MS	30MS	6.9
86	MP 3382	10MR	5MR	10MR	0	5MR	10S	10S	3.7
87	NIAW 1885	0	5MR	80MS	20S	0	15MS	80MS	16.3
88	Raj 4295	40S	TR	10MR	10S	TMS	10S	40S	10.8
89	UAS 348	30MS	0	40MR	10S	5MR	10S	30MS	10.3
90	UAS 446 (d)	20MS	0	60MR	0	5MR	15MS	60MR	9.0
<b>V. PENINSULAR ZONE</b>									

St. No.	Entries	Vijapur	Pune	Dharwad	Wellington	Nipahd	Powar Kheda	HS	ACI
91	GW 446	0	10MR	10MR	60S	5MR	0	60S	11.7
92	HD 3116	10MR	5MR	20MR	20S	5MR	20MR	20S	7.3
93	MACS 6583	20MR	TR	30MR	0	0	10MR	30MR	4.0
94	MP 1270 <sup>Q</sup>	20MR	0	60MR	0	0	20MR	60MR	6.7
95	NIAW 1994	40S	20MR	20S	5S	TMR	10MR	40S	12.9
96	NIDW 699(d)	20MS	5MR	10S	0	0	20S	20S	8.0
97	UAS 342	0	10S	60MR	0	5MS	0	60MR	6.3
98	UAS 447(d)	10MS	0	20S	0	5MR	0	20S	5.0
99	UP 2845	20MR	5MR	40MR	60S	5MR	40S	60S	21.3
<b>VI. SOUTHERN HILLS ZONE</b>									
100	HW 1900	0	0	5MR	20S	0	10S	20S	5.3
100. A	INFECTOR	60S	90S	60S	100S	60S	90S	100S	76.7
101	HW 4013	TR	0	20MR	0	0	TR	20MR	1.4
102	HW 4042	TR	20MR	30MR	0	0	TR	30MR	3.4
103	HW 5235	TR	0	30MR	20S	0	5MS	20S	6.0
104	HW 5237	0	5MR	10MR	0	0	15MS	15MS	3.0
<b>VII. SPECIAL TRIAL</b>									
105	DBW 131	10S	10MR	20S	5S	5MS	25MS	20S	10.5
106	DDK 1042	TR	20MR	5MR	0	10MR	0	20MR	2.4
107	DDK 1044	0	10MR	5MR	0	0	10MR	10MR	1.7
108	DDK 1045	0	10MR	5MR	0	TMR	10MS	10MS	2.4
109	HW 1099	TR	10MR	30MR	0	0	20S	20S	6.0
110	KLP 1006	20MS	20S	60MR	20S	5MR	5MS	60MR	14.3
111	KRL 330	10S	5MR	20MR	20S	TMR	20MR	20S	8.1
112	KRL 345	20MR	10MR	10MR	80S	0	20S	80S	19.3
113	KRL 346	0	TR	40MR	20S	TMR	0	20S	6.1
114	KRL 347	20MS	5MR	40MR	40S	0	40S	40S	19.0
115	KRL 348	TR	5MR	40MR	20S	0	TS	20S	6.5
116	MACS 5022	0	10MR	TR	0	0	TR	10MR	0.7
117	MACS 5031	TR	10MR	TR	0	0	20MS	20MS	3.4
118	MACS 5032	20MS	10MR	40S	0	5MR	15MR	40S	11.3
119	RAJ 4324	20MR	20S	10MR	5S	5MR	0	20S	6.5
120	WH 1145	10MS	0	40MR	60S	5MR	20S	60S	17.7
120. A	INFECTOR	60S	90S	60S	100S	60S	90S	100S	76.7