

Annexure 1: Adult plant response of AVTIInd year material against leaf rust (South) under field conditions (artificial inoculations) during 2012-13

St. No.	Entries	Vijapur	Pune	Dharswad	Wellington	Nipahd	Powarkheda	HS	ACI
AVT IInd Year 2012-13									
I. NORTHERN HILL ZONE									
1	HS 536	0	0	5MR	0	5MS	5MS	5MS	1.7
2	HS 542	TR	0	10MR	10S	5S	TR	10S	3.2
3	HPW 251 (C)	TR	5MR	30MR	20S	5MR	20S	20S	9.4
4	HPW 349 (I) (C)	0	TR	10MR	60S	5MS	15MS	60S	13.4
5	HS 277 (C)	0	20MR	5MR	20S	5MR	0	20S	5.3
6	HS 490 (C)	30MR	10MR	5S	5MR	5MS	10MR	30MR	5.2
7	HS 507 (C)	0	TR	5MR	20S	0	0	20S	3.7
8	VL 804 (C)	10MR	10MR	60MR	10S	5MR	0	60MR	7.3
9	VL 829 (C)	0	0	5MR	10S	5MR	10MS	10S	3.7
10	VL 892 (C)	20S	TR	10MR	20S	TMR	20S	20S	10.8
11	VL 907 (C)	TR	0	5S	20S	0	0	20S	4.2
II. NORTH WESTERN PLAIN ZONE									
12	DBW 74	20S	5MR	40MR	5S	10S	20S	20S	12.2
13	DBW 88	10MR	5MR	40S	40S	5MR	0	40S	14.7
14	DBW 90	40S	0	40S	20S	TMR	TS	40S	16.9
15	HD 3070	TR	5MR	60S	TR	10MS	10MS	60S	13.1
16	HD 3086	30MR	5MR	40MR	20S	5MR	0	20S	8.7
17	HD 3091	TR	20S	40MR	20S	TMR	0	20S	9.4
18	HI 8728	20MR	10MR	5S	0	0	10S	10S	4.5
19	PBW 660	TR	0	10S	TR	5MS	10MS	10S	3.7
20	PBW 674	TR	0	10MR	20S	5MR	20MS	20S	7.0
20.A	INFECTOR	30S	90S	80S	100S	80S	70S	100S	75.0
21	PBW 675	TR	TR	10MR	20S	5MR	15MS	20S	6.4
22	WH 1098	10MR	5MR	20S	10S	TMS	10S	20S	7.8
23	WH 1124	0	5MR	40S	20S	5MR	0	40S	10.7
24	WH 1126	20MS	20MS	20MR	TR	0	20MS	20MS	9.4
25	WH 1127	TR	5MR	5MR	TR	5MS	15MS	15MS	3.4
26	C 306 (C)	20MR	60S	20MR	20S	40S	15MS	60S	24.7
27	DBW 17 (C)	20S	20S	40MR	60S	5MR	20MS	60S	22.3
28	DBW 71 (I) (C)	20MR	0	40MR	20S	5MS	0	20S	8.0
29	DPW 621-50 (C)	40S	20S	10MR	20S	0	20MS	40S	16.7
30	HD 2967 (C)	TR	TR	80S	20S	0	30MS	80S	20.7
31	HD 3043 (C)	10MR	TR	10S	20S	5S	0	20S	6.5
32	HD 3059 (I) (C)	0	5MR	40MR	TR	5MS	15MS	40MR	5.7
33	PBW 175 (C)	TR	TR	20MR	80S	5MR	10MR	80S	15.7
34	PBW 373 (C)	10MR	30S	10S	40S	5MS	10S	40S	16.3
35	PBW 590 (C)	TR	TR	40MR	10S	0	0	40MR	4.4
36	PBW 644 (C)	0	0	40MR	40S	0	0	40S	9.3
37	PDW 291 (C)	30S	40MR	30S	0	5MR	TR	30S	13.0
38	PDW 314 (C)	TR	10S	60MR	5S	10MR	20S	60MR	10.5
39	WH 1021 (C)	40S	5MR	10MR	5S	5MR	0	40S	8.8
40	WH 1080 (C)	20MR	10MR	60MR	20S	10S	0	60MR	11.0
40.A	INFECTOR	20S	90S	80S	100S	60S	80S	100S	71.7
41	WH 1105 (I) (C)	0	10S	30MR	20S	5MR	15S	20S	9.8
III. NORTH EASTERN PLAIN ZONE									
42	HD 3076	20S	5MR	60MR	10S	TMS	0	60MR	9.5
43	K 1006	40S	5MR	20MR	20S	5MS	10MS	40S	13.7

St. No.	Entries	Vijapur	Pune	Dharwad	Wellington	Nipahd	Powarkhedda	HS	ACI
44	NW 5054	30S	10S	60MR	5S	5S	15MR	30S	13.3
45	PBW 661	0	TR	10S	0	5S	10MS	10S	3.9
46	Raj 4250	TR	0	5MR	TR	5MS	30S	30S	6.1
47	WH 1120	0	20MR	40MR	0	5S	TS	40MR	5.0
48	DBW 14 (C)	60MR	TR	5MR	TS	5MR	0	60MR	4.9
49	DBW 39 (C)	0	5MR	20MS	10S	5MR	10S	20MS	6.7
50	HD 2733 (C)	TR	5MR	60MR	40S	20MS	0	40S	13.7
51	HD 2888 (C)	TR	0	5MR	0	0	20S	20S	3.7
52	HD 2985 (C)	20S	20S	10MR	10S	10S	0	20S	10.7
53	HI 1563 (C)	30MS	5MR	5MR	TR	0	20S	30MS	8.0
54	K 0307 (C)	20MS	5MR	60S	80S	5MR	10MS	80S	28.0
55	K 8027 (C)	20MR	30S	5S	40S	5S	TS	40S	14.8
56	NW 2036 (C)	20S	5MR	10MR	5MS	5MS	20S	20S	9.0
57	RAJ 4229 (I) (C)	TR	20S	10MR	0	5MR	15S	20S	6.9
IV. CENTRAL ZONE									
58	HD 3095	20MR	10MR	20MR	0	0	0	20MR	3.3
59	HI 8724 (d)	0	5MR	80MR	0	5MS	10S	80MR	8.0
60	HI 8725 (d)	20S	20S	40MR	0	10S	0	20S	11.0
60. A	INFECTOR	30S	90S	80S	100S	60S	80S	100S	73.3
61	HI 8727 (d)	20MS	5MR	20MR	0	5MR	15MS	20MS	6.7
62	HI 8731 (d)	10S	5MR	60MR	0	10MR	0	60MR	6.7
63	MPO 1255 (d)	TR	5MR	20MS	0	TMR	0	20MS	3.1
64	A 9-30-1 (C)	40S	80S	30MS	5S	80S	10S	80S	39.8
65	GW 322 (C)	20MR	0	40S	20S	5MR	10MR	40S	12.3
66	HD 2864 (C)	0	5MR	5MR	0	5MS	10S	10S	3.0
67	HI 1500 (C)	TR	0	10MR	TR	0	TS	10MR	0.9
68	HI 1544 (C)	0	5MR	5MR	0	5MS	0	5MS	1.3
69	HI 8498 (d) (C)	TR	20MR	60S	0	5MS	TR	60S	12.1
70	HI 8627 (C)	30MS	5MR	20MR	60S	5MR	10S	60S	17.7
71	HI 8713 (d) (I) (C)	TR	20MR	10MR	5S	10S	5MS	10S	5.2
72	MP 3288 (C)	0	5MR	40MR	20S	5MR	0	20S	6.7
73	MP 3336 (I) (C)	20S	10MR	10MR	10S	5S	TS	20S	7.3
74	MP 4010 (C)	20MS	5MR	10MR	0	0	15MS	20MS	5.7
75	MPO 1215 (d) (C)	0	5MR	20MR	0	10MR	0	20MR	2.3
76	RAJ 4238 (I) (C)	0	TR	20MR	0	0	0	20MR	1.4
V. PENINSULAR ZONE									
77	DBW 93	20S	5MR	40MR	40S	5MR	0	40S	13.3
78	GW 432	20S	10MR	20MR	20S	0	TS	20S	8.8
79	HD 3090	0	5MR	10S	TS	5S	15MS	15MS	5.0
80	HD 3093	0	5MR	60MR	0	5MR	20S	60MR	8.0
80.A	INFECTOR	40S	90S	60S	100S	80S	70S	100S	73.3
81	MACS 6478	30S	0	30MR	5S	5S	10MR	30S	9.3
82	UAS 334	40MS	0	40MR	60S	TMR	20MS	60S	20.7
83	AKDW 2997-16(d)	20MR	20MS	60S	10S	10MR	20MS	60S	19.0
84	HD 2932 (C)	30S	20S	40S	20S	5MR	20S	40S	22.0
85	MACS 6222 (C)	30S	0	40MR	0	0	0	30S	7.7
86	NI 5439 (C)	40S	60S	60S	100S	30S	25S	100S	52.5
87	NIAW 1415 (C)	TR	10S	60MR	0	0	0	60MR	5.7
88	NIAW 34 (C)	20MS	20MR	40MR	0	0	0	20MS	6.7
89	NIDW 295 (d) (C)	TR	0	60MR	0	5MR	20MS	60MR	7.0
90	Raj 4083 (C)	20MS	0	20MS	0	0	20MS	20MS	8.0

St. No.	Entries	Vijapur	Pune	Dharwad	Wellington	Nipahd	Powarkhedda	HS	ACI
91	UAS 428 (d) (C)	10MR	20MS	40S	5S	10MR	30S	40S	16.5
92	WHD 948 (d) (I) (C)	40MR	TR	60MR	0	5MR	20S	60MR	10.4
VI. SOUTHERN HILLS ZONE									
93	HW 5224	20S	10MR	40MR	40S	20S	20MS	40S	19.3
94	CoW(W) 1 (C)	TR	20MR	60MS	20S	0	TR	60MS	12.7
95	HW 2044 (C)	20MR	20MR	80MS	0	0	20MS	80MS	16.0
96	HW 5216 (I) (C)	30MR	0	30MR	0	0	25MS	25MS	7.3
VII. SPECIAL TRIAL									
97	DDK 1029 (C)	20MR	10MR	60S	80S	0	40S	80S	32.0
98	Kharchia 65 (C)	30S	60S	80S	0	40S	15S	80S	37.5
99	KRL 210 (C)	30MS	20MR	10S	10S	5MS	20MS	30MS	12.0
100	MACS 2496 (C)	40MS	30S	60S	80S	20S	25MS	80S	40.3
101	MACS 2971 (C)	TR	10MR	5MR	0	0	0	10MR	1.0
101.A	INFECTOR	40S	90S	80S	100S	80S	90S	100S	80.0