

**Annexure 4: Adult plant response of AVT IInd year material against leaf rust (north) under field conditions (artificial inoculations) during 2012-13**

Sr. No.	Entries	Jammu	Hisar	Karnal	Delhi	Kanpur	HS	ACI
<b>AVT IInd Year 2012-13</b>								
<b>I. NORTHERN HILL ZONE</b>								
1	HS 536	0	0	0	TR	0	TR	0.0
2	HS 542	0	10S	0	0	0	10S	2.0
3	HPW 251 (C)	0	5S	TMR	5MS	0	5S	1.9
4	HPW 349 (I) (C)	20MR	10S	0	TR	0	10S	3.6
5	HS 277 (C)	30S	10S	0	0	10S	30S	10.0
6	HS 490 (C)	0	10S	TS	0	0	10S	2.2
7	HS 507 (C)	0	0	10MR	0	60S	60S	12.8
8	VL 804 (C)	40S	0	20S	TR	20S	40S	16.0
9	VL 829 (C)	0	0	0	TR	TR	TR	0.1
10	VL 892 (C)	0	0	10MR	0	40S	40S	8.8
11	VL 907 (C)	5MS	0	10MR	TR	0	5MS	1.6
<b>II. NORTH WESTERN PLAIN ZONE</b>								
12	DBW 74	20S	0	0	TR	20S	20S	8.0
13	DBW 88	0	0	0	0	0	0	0.0
14	DBW 90	20S	20S	0	5MR	20S	20S	12.4
15	HD 3070	5S	0	40S	TR	0	40S*	9.0
16	HD 3086	20S	10S	0	TR	20S	20S	10.0
17	HD 3091	10MR	0	0	0	20S	20S	4.8
18	HI 8728	10MR	0	0	TR	0	10MR	0.8
19	PBW 660	0	0	0	0	20S	20S	4.0
20	PBW 674	10MS	0	0	0	0	10MS	1.6
20.A	INFECTOR	60S	60S	60S	80S	80S	80S	68.0
21	PBW 675	10MS	0	0	0	0	10MS	1.6
22	WH 1098	0	10S	0	TR	0	10S	2.0
23	WH 1124	0	0	0	5MS	0	5MS	0.8
24	WH 1126	0	0	TR	0	0	TR	0.0
25	WH 1127	10MR	10S	0	0	20S	20S	6.8
26	C 306 (C)	5S	30S	40S	60S	20S	60S	31.0
27	DBW 17 (C)	0	10S	0	5MS	0	10S	2.8
28	DBW 71 (I) (C)	0	10S	10MR	TR	20S	20S	6.8
29	DPW 621-50 (C)	10MS	0	0	0	0	10MS	1.6
30	HD 2967 (C)	5S	0	0	0	20S	20S	5.0
31	HD 3043 (C)	0	0	10S	TR	0	10S	2.0
32	HD 3059 (I) (C)	10MR	0	0	0	0	10MR	0.8
33	PBW 175 (C)	10MS	20S	0	60S	20S	60S	21.6
34	PBW 373 (C)	0	10S	0	5MR	10S	10S	4.4
35	PBW 590 (C)	0	0	0	0	0	0	0.0
36	PBW 644 (C)	10MR	0	0	TR	0	10MR	0.8
37	PDW 291 (C)	5S	20MS	0	10MR	0	20MS	5.0
38	PDW 314 (C)	5S	0	10MR	5MR	0	5S	2.2
39	WH 1021 (C)	5MS	10S	0	0	20S	20S	6.8
40	WH 1080 (C)	5S	20S	0	30S	0	30S	11.0
40.A	INFECTOR	60S	80S	60S	60S	60S	80S	64.0
41	WH 1105 (I) (C)	10MS	0	0	TR	0	10MS	1.6
<b>III. NORTH EASTERN PLAIN ZONE</b>								
42	HD 3076	0	0	10MR	5MR	0	10MR	1.2
43	K 1006	10MR	5S	20S	5MR	20S	20S	10.2
44	NW 5054	0	0	10MS	40S	0	40S	9.6

Sr. No.	Entries	Jammu	Hisar	Karnal	Delhi	Kanpur	HS	ACI
45	PBW 661	10MR	10S	0	0	0	10S	2.8
46	Raj 4250	10MR	0	0	0	TS	10MR	1.0
47	WH 1120	60S	0	0	5MR	0	60S*	12.4
48	DBW 14 (C)	10MS	0	0	5MR	20S	20S	6.0
49	DBW 39 (C)	0	0	20S	0	10S	20S	6.0
50	HD 2733 (C)	5S	0	20S	40S	TR	40S	13.0
51	HD 2888 (C)	0	0	10S	0	0	10S	2.0
52	HD 2985 (C)	60S	0	0	TR	0	60S*	12.0
53	HI 1563 (C)	10MR	10S	0	0	20S	20S	6.8
54	K 0307 (C)	0	10S	20S	0	0	20S	6.0
55	K 8027 (C)	60S	0	40S	40S	0	60S	28.0
56	NW 2036 (C)	5S	0	0	5MR	0	5S	1.4
57	RAJ 4229 (I) (C)	10MR	0	0	0	0	10MR	0.8
<b>IV. CENTRAL ZONE</b>								
58	HD 3095	20MR	0	0	5MR	0	20MR	2.0
59	HI 8724 (d)	5S	5MS	TS	TR	0	5S	2.0
60	HI 8725 (d)	10MR	5MS	0	TR	0	5MS	1.6
60. A	INFECTOR	60S	60S	60S	40S	80S	80S	60.0
61	HI 8727 (d)	10MS	0	0	TR	0	10MS	1.6
62	HI 8731 (d)	10MS	0	0	10MR	20S	20S	6.4
63	MPO 1255 (d)	10S	0	0	10MR	TR	10S	2.8
64	A 9-30-1 (C)	30S	0	0	60S	20S	60S	22.0
65	GW 322 (C)	5S	0	0	0	20S	20S	5.0
66	HD 2864 (C)	10MS	0	0	5MR	0	10MS	2.0
67	HI 1500 (C)	5S	15S	0	TR	0	15S	1.3
68	HI 1544 (C)	10MS	0	0	0	0	10MS	1.6
69	HI 8498 (d) (C)	0	0	0	TR	20S	20S	4.0
70	HI 8627 (C)	10MR	0	0	10MR	0	10MR	1.6
71	HI 8713 (d) (I) (C)	0	5MS	0	TR	0	5MS	0.8
72	MP 3288 (C)	20S	5S	0	5MR	0	20S	5.4
73	MP 3336 (I) (C)	10MR	10S	0	5MR	0	10S	3.2
74	MP 4010 (C)	0	0	0	0	20S	20S	4.0
75	MPO 1215 (d) (C)	20MS	0	0	TR	0	20MS	3.2
76	RAJ 4238 (I) (C)	10MR	0	0	TR	10S	10S	2.8
<b>V. PENINSULAR ZONE</b>								
77	DBW 93	0	0	0	20S	TR	20S	4.0
78	GW 432	0	0	0	5MR	0	5MR	0.4
79	HD 3090	0	10S	0	0	40S	40S	10.0
80	HD 3093	0	0	0	0	0	0	0.0
80.A	INFECTOR	60S	80S	60S	80S	80S	80S	72.0
81	MACS 6478	0	0	0	0	0	0	0.0
82	UAS 334	40S	0	0	10MR	0	40S	8.8
83	AKDW 2997-16(d) (C)	0	0	0	20MR	20S	20S	5.6
84	HD 2932 (C)	80S	10S	20S	10MR	0	80S	22.8
85	MACS 6222 (C)	20MR	0	0	0	20S	20S	5.6
86	NI 5439 (C)	40S	20S	0	5MR	60S	60S	24.4
87	NIAW 1415 (C)	20S	10MS	0	0	0	20S	5.6
88	NIAW 34 (C)	0	5S	0	5MR	0	5S	1.4
89	NIDW 295 (d) (C)	0	0	0	TR	20S	20S	4.0
90	Raj 4083 (C)	10MR	20S	0	0	20S	20S	8.8
91	UAS 428 (d) (C)	5S	0	10MS	5MR	0	10MS	3.0
92	WHD 948 (d) (I) (C)	0	5MS	0	0	20S	20S	4.8

