

**Annexure 8: Adult plant response of AVT Ist year material against stem rust under field conditions (artificial inoculations) during 2012-13**

Str. No.	Entries	Indore	Pune	Welling ton	Niphad	Powark hed	HS	ACI
<b>AVT Ist Year</b>								
<b>I. NORTHERN HILL ZONE</b>								
1	HPW 376	20S	80S	10S	5S	10S	80S	25.0
2	HPW 380	30S	0	10S	15S	15S	30S	14.0
3	HPW 381	TMR	40S	5S	5MS	0	40S	9.9
4	HPW 387	15S	40MS	5S	0	10MS	40MS	12.0
5	HPW 388	TR	30MR	0	0	5S	30MR	3.4
6	HPW 397	TS	40MR	10S	5MS	0	40MR	6.2
7	HPW 398	20S	40MR	60S	5MS	0	60S	20.0
8	HPW 399	30S	40MS	0	5S	TR	40MS	13.4
9	HS 557	20S	40MR	10S	5MS	10MR	20S	10.8
10	HS 574	20MS	20MS	5S	5MS	0	20MS	8.2
11	HS 575	10MR	20MR	10S	0	TR	10S	4.4
12	HS 576	15MS	20MR	0	5MS	5MS	15MS	5.6
13	HS 577	10MS	20MR	5S	TMS	0	10MS	4.4
14	HS 578	TMR	30MR	0	5MS	0	30MR	3.3
15	UP 2871	5MR	30MR	5S	5MS	15MS	15MS	7.0
16	UP 2872	0	10MR	0	5MS	TR	5MS	1.6
17	VL 1001	5S	40MR	60S	0	0	60S	16.2
18	VL 1002	10MR	20MR	20S	0	0	20S	6.4
19	VL 3001	5MR	20MR	0	5MS	0	20MR	2.8
20	VL 3002	TMR	40MS	5S	5MS	10MR	40MS	9.1
20. A	INFECTOR	100S	90S	80S	60S	50S	100S	76.0
21	VL 3003	10S	40MS	20S	10S	0	40MS	14.4
22	VL 967	30MR	20MR	5S	TMR	10MS	30MR	6.7
<b>II. NORTH WESTERN PLAIN ZONE</b>								
23	DBW 101	30S	60S	20S	0	5S	60S	23.0
24	DBW 102	30S	40S	0	0	TR	40S	14.0
25	DBW 110	TR	20MR	40S	5MS	0	40S	10.4
26	HD 3109	20MS	60S	0	5MS	10MR	60S	16.8
27	HD 3117	70MS	20MR	100S	10S	0	100S	34.8
28	HD 3119	50S	60S	60S	20S	0	60S	38.0
29	HD 3120	40S	60S	10S	20S	10S	60S	28.0
30	HD 3121	30S	40MS	10S	10MS	0	40MS	16.0
31	HD 3122	10MR	40MS	20S	5MS	0	40MS	12.0
32	HD 3123	5MS	20MR	0	0	10S	10S	4.4
33	HI 8735	5MS	20MR	0	5MS	10S	10S	5.2
34	HI 8736	20MR	40MR	TS	0	0	40MR	5.0
35	HI 8738	10S	40S	0	0	15MS	40S	12.4
36	HI 8739	5MS	20MR	0	0	0	20MR	2.4
37	HUW 662	15MS	20MR	0	TMS	TS	15MS	4.4
38	HUW 664	20MS	80S	20S	10S	0	80S	25.2
39	HUW 666	5MS	40MS	0	5S	0	40MS	8.2
40	HUW 668	TR	20MR	40S	0	0	40S	9.6
40. A	INFECTOR	100S	90S	80S	40S	50S	100S	72.0
41	HUW 669	30S	80S	0	10S	TS	80S	24.2
42	JAUW 598	TR	10MR	TS	TMR	10MS	10MS	2.7
43	K 1114	30MS	10MR	20S	5MS	0	30MS	10.4
44	MACS 3929	25S	40MR	0	0	TS	25S	8.4

St. No.	Entries	Indore	Pune	Welling ton	Niphad	Powark hed	HS	ACI
45	MP 3392	30S	40MS	40S	5S	TR	40S	21.4
46	NIAW 1951	20MS	10MR	20S	0	TR	20S	8.0
47	NIDW 706	20S	40MR	10S	0	10MS	20S	10.8
48	PBW 681	30MS	40MS	10S	5MS	10MR	40MS	14.8
49	PBW 683	10MR	40MR	10S	5MS	5MS	40MR	7.6
50	PBW 689	10MR	20MR	60S	5MS	5MS	60S	16.0
51	UP 2841	10MR	5MR	0	5MR	10MS	10MS	3.2
52	UP 2843	TR	5MR	0	5MS	0	5MS	1.2
53	UP 2847	0	20MR	0	TMR	10S	10S	3.7
54	UP 2848	10MR	20MR	0	TMR	0	20MR	2.5
55	UPD 94	25S	20MR	0	0	TR	25S	6.6
56	WH 1128	20MS	40MR	20S	0	TS	20S	10.6
57	WH 1129	5S	60S	40S	0	0	60S	21.0
58	WH 1130	20MS	40MR	60S	5MS	10S	60S	21.2
59	WH 1138	30S	80S	60S	20S	0	80S	38.0
60	WH 1139	5MS	60S	40S	5S	0	60S	21.8
60. A	INFECTOR	100S	90S	80S	60S	60S	100S	78.0
61	WH 1142	10MR	40MR	10S	10S	TR	40MR	8.0
<b>III. NORTH EASTERN PLAIN ZONE</b>								
62	BRW 3723	15S	20MR	20S	5MS	0	20S	9.4
63	DBW 107	TMR	20MR	60S	5MS	0	60S	14.5
64	HD 3110	15MS	80S	20S	10S	0	80S	24.4
65	HD 3111	5S	40S	0	5MS	10MS	40S	11.4
66	HD 3118	20MR	40MS	40S	5S	0	40S	17.0
67	HUW 667	10MS	20MR	40S	10S	10S	40S	15.2
68	K1105	40MS	60S	10S	20S	TR	60S	24.4
69	NW 5064	10S	60S	40S	TMS	10S	60S	24.2
70	PBW 688	15S	30MR	40S	10S	0	40S	15.4
71	UAS 347	40MS	30MS	5S	TMS	10MS	40MS	14.0
72	UP 2844	TR	60S	TR	TMR	0	60S*	12.2
73	WH 1136	30MR	80S	10S	15S	10MS	80S	25.0
74	WH 1137	TMS	80S	5S	20S	TR	80S	21.2
<b>IV. CENTRAL ZONE</b>								
75	DDW 23	30MR	40MR	10S	10MS	TR	40MR	9.2
76	GW 1292 (d)	5S	40S	5S	0	0	40S	10.0
77	GW 440	10MR	30MS	10S	TMS	10S	30MS	9.8
78	HD 3114	40MS	40MR	20S	20S	0	40MS	17.6
79	HI 1588 <sup>Q</sup>	0	20MR	40S	5MR	0	40S	10.0
80	HI 8737 (d)	10MR	40MS	0	5S	10MS	40MS	9.8
80. A	INFECTOR	100S	90S	80S	60S	40S	100S	74.0
81	HI 8742 (d)	5MS	20MR	0	5MS	0	20MR	3.2
82	K 1116	20MR	40MS	20S	5MS	10MS	40MS	14.4
83	MACS 3915 (d)	30MS	40S	5S	5MS	10S	40S	16.6
84	MACS 6568	40S	40S	40S	5MS	0	40S	24.8
85	MP 3379	TR	40MR	5S	10MS	0	40MR	5.8
86	MP 3382	20MS	30MR	10S	10MS	0	20MS	9.2
87	NIAW 1885	50S	40MR	10S	0	5MR	50S	15.6
88	Raj 4295	10MR	40MR	60S	0	0	60S	16.0
89	UAS 348	20S	40S	10S	10S	10MS	40S	17.6
90	UAS 446 (d)	5S	20MR	0	0	20S	20S	6.6
<b>V. PENINSULAR ZONE</b>								

St. No.	Entries	Indore	Pune	Welling ton	Niphad	Powark hed	HS	ACI
91	GW 446	10MR	20MR	0	TMS	10S	10S	4.6
92	HD 3116	10S	40MR	20S	5MS	TR	20S	10.0
93	MACS 6583	TMS	40MR	0	0	0	40MR	3.4
94	MP 1270 <sup>Q</sup>	0	20MR	0	0	5MR	20MR	2.0
95	NIAW 1994	40MS	40S	40S	5MS	0	40S	23.2
96	NIDW 699(d)	10MS	40MR	10S	0	10S	40MR	8.8
97	UAS 342	5S	40MR	40S	5MS	0	40S	13.0
98	UAS 447(d)	10MS	20MR	20S	0	0	20S	7.2
99	UP 2845	15MS	60S	20S	5MS	20S	60S	23.2
<b>VI. SOUTHERN HILLS ZONE</b>								
100	HW 1900	TR	20MR	10S	0	TR	10S	3.7
100. A	INFECTOR	100S	90S	80S	40S	60S	100S	74.0
101	HW 4013	0	TR	0	0	0	TR	0.0
102	HW 4042	5S	5MR	0	0	0	5S	1.4
103	HW 5235	0	5MR	5S	0	0	5S	1.4
104	HW 5237	0	5MR	5S	0	10S	10S	3.4
<b>VII. SPECIAL TRIAL</b>								
105	DBW 131	20S	40MS	20S	5MS	15MR	40MS	16.4
106	DDK 1042	10MR	10MR	0	0	0	10MR	1.6
107	DDK 1044	TR	5MR	0	0	5MR	5MR	0.8
108	DDK 1045	10MR	20MR	0	0	0	20MR	2.4
109	HW 1099	10MR	20MR	0	0	10MS	10MS	4.0
110	KLP 1006	5MS	40MR	0	5S	10MS	40MR	6.6
111	KRL 330	10MS	30MR	10S	5MS	0	30MR	6.8
112	KRL 345	5S	30MR	40S	TMS	10S	40S	13.6
113	KRL 346	5S	40MR	40S	5MS	10MR	40S	13.8
114	KRL 347	20MS	40MS	40S	5S	10S	40S	20.6
115	KRL 348	10S	20MR	20S	0	10S	20S	9.6
116	MACS 5022	5MR	20MR	0	0	0	20MR	2.0
117	MACS 5031	10MR	30S	0	0	10MS	30S	8.4
118	MACS 5032	10MR	30MS	0	5MS	10S	30MS	8.4
119	RAJ 4324	10MR	20MR	10S	0	0	10S	4.4
120	WH 1145	15MR	40MS	0	5MS	10S	40MS	10.4
120. A	INFECTOR	100S	90S	80S	40S	80S	100S	78.0