

Annexure 7: Adult plant response of AVT IIInd 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
AVT IIInd Year 2012-13								
I. NORTHERN HILL ZONE								
1	HS 536	40S	30S	10S	5MS	0	40S	16.8
2	HS 542	TS	20MS	0	0	10MS	20MS	5.0
3	HPW 251 (C)	5MR	20MR	5S	5MR	0	20MR	3.4
4	HPW 349 (I) (C)	30S	40S	0	5S	0	40S	15.0
5	HS 277 (C)	TR	20MR	5S	0	0	20MR	2.6
6	HS 490 (C)	20S	40MR	10S	TMS	TR	20S	9.4
7	HS 507 (C)	TMR	20MR	5S	10S	TS	10S	4.9
8	VL 804 (C)	10MR	40MR	0	5MS	5MR	40MR	5.2
9	VL 829 (C)	0	20MS	0	0	TR	20MS	3.2
10	VL 892 (C)	10MS	20MR	10S	5MS	10MS	10S	7.6
11	VL 907 (C)	TR	5MR	0	0	0	5MR	0.4
II. NORTH WESTERN PLAIN ZONE								
12	DBW 74	10MS	40S	10S	10S	5MS	40S	14.4
13	DBW 88	0	40MR	0	TMS	0	40MR	3.4
14	DBW 90	40S	40S	40S	5MS	10MS	40S	26.4
15	HD 3070	10MR	20MS	0	10MS	0	20MS	5.6
16	HD 3086	50S	60S	10S	5MR	10S	60S	26.4
17	HD 3091	5MS	40MR	40S	0	10S	40S	14.0
18	HI 8728	10MS	40S	0	0	0	40S	9.6
19	PBW 660	TR	5MR	20S	0	0	20S	4.4
20	PBW 674	5MR	40MS	20S	0	10MS	40MS	12.4
20.A	INFECTOR	100S	90S	80S	40S	40S	100S	70.0
21	PBW 675	10MR	20MR	60S	TMS	5MR	60S	15.0
22	WH 1098	40S	40S	10S	5S	5MR	40S	19.4
23	WH 1124	50S	40S	80S	10S	0	80S	36.0
24	WH 1126	30S	50MR	40S	5MS	0	40S	18.8
25	WH 1127	30S	40MS	60S	5S	0	60S	25.4
26	C 306 (C)	20S	60S	80S	5S	10S	80S	35.0
27	DBW 17 (C)	5MR	30MR	10S	0	0	30MR	4.8
28	DBW 71 (I) (C)	10MR	30MR	20S	5MS	5MS	20S	8.8
29	DPW 621-50 (C)	10MR	40MR	0	5MS	15MS	40MR	7.2
30	HD 2967 (C)	15S	80S	5S	5S	10S	80S	23.0
31	HD 3043 (C)	30S	60S	TR	15S	0	60S	21.0
32	HD 3059 (I) (C)	5S	40MR	5S	5MR	0	40MR	5.6
33	PBW 175 (C)	15MS	40MR	20S	5MS	0	20S	10.4
34	PBW 373 (C)	15MR	40MR	10S	0	TR	40MR	6.4
35	PBW 590 (C)	5MR	20MR	10S	0	0	10S	4.0
36	PBW 644 (C)	10MS	40MS	5S	TMS	0	40MS	9.2
37	PDW 291 (C)	10MS	20MR	0	0	0	10MS	3.2
38	PDW 314 (C)	40S	20MR	60S	0	0	60S	21.6
39	WH 1021 (C)	10MR	20MR	10S	0	0	10S	4.4
40	WH 1080 (C)	15MS	50MR	5S	10S	0	40MR	9.4
40.A	INFECTOR	100S	90S	80S	40S	30S	100S	68.0
41	WH 1105 (I) (C)	30S	20MS	0	TMS	10MS	30S	11.0
III. NORTH EASTERN PLAIN ZONE								
42	HD 3076	5MR	40MR	40S	5MS	5MR	40S	12.8
43	K 1006	10MS	40S	20S	5MS	TR	40S	14.4

Str. No.	Entries	Indore	Pune	Welling ton	Niphad	Powark hed	HS	ACI
44	NW 5054	20MS	60S	20S	10S	0	60S	21.2
45	PBW 661	30MS	20MR	20S	10S	5S	30MS	13.4
46	Raj 4250	10MR	20MR	5S	5MS	0	20MR	4.2
47	WH 1120	30S	80S	60S	20S	0	80S	38.0
48	DBW 14 (C)	10MS	20MR	5S	5S	0	10MS	5.2
49	DBW 39 (C)	5MR	40MS	0	5MS	TR	40MS	7.6
50	HD 2733 (C)	5MR	40S	5S	TMS	10MS	40S	11.2
51	HD 2888 (C)	0	0	80S	0	10S	80S	18.0
52	HD 2985 (C)	15MS	40MR	20S	30S	0	30S	15.6
53	HI 1563 (C)	TR	20MR	TR	5MR	10S	10S	4.1
54	K 0307 (C)	10MS	60S	80S	0	5MR	80S	30.0
55	K 8027 (C)	30S	40S	80S	10S	0	80S	32.0
56	NW 2036 (C)	10MR	20MR	TR	TMS	10MR	20MR	3.4
57	RAJ 4229 (I) (C)	TS	10MR	0	5MS	0	5MS	1.8
IV. CENTRAL ZONE								
58	HD 3095	0	40MR	0	5MS	0	40MR	4.0
59	HI 8724 (d)	20MR	40MR	TR	5MS	0	40MR	5.6
60	HI 8725 (d)	20MS	40S	0	10S	0	40S	13.2
60. A	INFECTOR	100S	90S	80S	30S	60S	100S	72.0
61	HI 8727 (d)	10MS	20MR	0	5MS	0	10MS	4.0
62	HI 8731 (d)	5MR	40MR	TR	5S	TR	40MR	4.7
63	MPO 1255 (d)	15MR	20MR	TR	5MS	5MR	20MR	4.0
64	A 9-30-1 (C)	60S	80S	80S	20S	10MS	80S	49.6
65	GW 322 (C)	10MR	60S	10S	10S	0	60S	16.8
66	HD 2864 (C)	0	20MR	40S	0	0	40S	9.6
67	HI 1500 (C)	TR	5MR	80S	0	10MR	80S	17.2
68	HI 1544 (C)	5MR	20MR	TR	5MR	0	20MR	2.4
69	HI 8498 (d) (C)	10MR	40MS	5S	0	TR	40MS	8.2
70	HI 8627 (C)	5MR	40MR	60S	5MS	10MS	60S	18.0
71	HI 8713 (d) (I) (C)	15MR	20MS	0	5S	0	20MS	5.4
72	MP 3288 (C)	10MR	40MR	5S	0	0	40MR	5.0
73	MP 3336 (I) (C)	10MS	30MR	20S	10S	0	20S	10.0
74	MP 4010 (C)	10MR	20MR	10S	0	0	10S	4.4
75	MPO 1215 (d) (C)	15MR	40S	0	5S	0	40S	10.2
76	RAJ 4238 (I) (C)	10MR	40MR	5S	5MS	0	40MR	5.8
V. PENINSULAR ZONE								
77	DBW 93	10MR	20MR	5S	TMS	0	20MR	3.6
78	GW 432	0	40MR	5S	5MS	TR	40MR	5.0
79	HD 3090	10MR	30MR	5S	5S	10S	30MR	7.2
80	HD 3093	TR	20MR	10S	0	10MR	10S	4.4
80.A	INFECTOR	100S	90S	80S	60S	30S	100S	72.0
81	MACS 6478	15MS	30MS	0	5S	10S	30MS	10.2
82	UAS 334	10MR	20MR	0	5MS	10MR	20MR	4.0
83	AKDW 2997-16(d) (C)	50MS	60S	0	0	10S	60S	22.0
84	HD 2932 (C)	30MR	40MS	10S	5MS	10S	40MS	13.6
85	MACS 6222 (C)	10MR	20MR	10S	5MS	15MR	10S	6.4
86	NI 5439 (C)	50S	60S	100S	5MS	15MS	100S	45.2
87	NIAW 1415 (C)	0	20MR	0	0	0	20MR	1.6
88	NIAW 34 (C)	5S	40MR	10S	0	0	40MR	6.2
89	NIDW 295 (d) (C)	20MR	20MR	5S	0	10S	10S	6.2
90	Raj 4083 (C)	15MS	20MR	5S	0	5MR	15MS	5.4

St. No.	Entries	Indore	Pune	Wellington	Niphad	Powarkhed	HS	ACI
91	UAS 428 (d) (C)	5MS	40MR	0	0	5MS	40MR	4.8
92	WHD 948 (d) (I) (C)	5S	20MR	0	0	TR	20MR	2.6
VI. SOUTHERN HILLS ZONE								
93	HW 5224	50S	60S	40S	15S	TR	60S	33.0
94	CoW(W) 1 (C)	10S	40MR	5S	0	10MS	40MR	7.8
95	HW 2044 (C)	0	20MR	5S	TMR	10S	10S	4.7
96	HW 5216 (I) (C)	5MR	40MR	40S	0	10S	40S	13.6
VII. SPECIAL TRIAL								
97	DDK 1029 (C)	10MR	10MR	10S	0	10S	10S	5.6
98	Kharchia 65 (C)	80S	80S	100S	5MS	5MS	100S	53.6
99	KRL 210 (C)	50S	80S	10S	10S	10MR	80S	30.8
100	MACS 2496 (C)	5MR	20MR	10S	5MS	10S	10S	6.8
101	MACS 2971 (C)	0	20MR	0	0	0	20MR	1.6
101.A	INFECTOR	100S	90S	80S	60S	80S	100S	82.0