

APR - Stem Rust (Race Specific) 2012-13						
Sr. No.	Variety	40A		117-6		
		Indore	Pune	Indore	Pune	Powarkheda
AVT IInd Year						
I. NORTHERN HILL ZONE						
1	HS 536	40S	40S	TS	5MR	0
2	HS 542	TMS	5MR	0	0	10MS
3	HPW 251 (C)	0	5MR	TS	TR	0
4	HPW 349 (I) (C)	40S	30S	TMS	10MR	0
5	HS 277 (C)	0	10MR	0	5MR	0
6	HS 490 (C)	5MR	5MR	0	0	0
7	HS 507 (C)	0	TR	TMR	0	5MR
8	VL 804 (C)	0	5MR	0	0	5MR
9	VL 829 (C)	0	TR	0	TR	5MS
10	VL 892 (C)	5S	5MR	TR	TR	10MS
11	VL 907 (C)	0	TR	0	0	0
II. NORTH WESTERN PLAIN ZONE						
12	DBW 74	15S	60S	0	5MR	5MS
13	DBW 88	10MR	10MR	TR	5MR	0
14	DBW 90	20S	60S	TMR	10MR	10MS
15	HD 3070	0	10MR	0	5MR	0
16	HD 3086	30S	80S	TS	10MR	10S
17	HD 3091	0	10MR	0	0	10S
18	HI 8728	0	30MS	10S	30S	0
19	PBW 660	5MR	5MR	0	5MR	10MR
20	PBW 674	5S	40S	40MR	30S	10MS
20. A	INFECTOR	100S	90S	100S	80S	40S
21	PBW 675	10MR	40MR	5MR	20MR	5MR
22	WH 1098	15S	20S	0	0	5MR
23	WH 1124	30S	20S	5S	0	0
24	WH 1126	20S	40S	5S	0	0
25	WH 1127	20S	60S	5S	10MR	0
26	C 306 (C)	30S	80S	40S	30S	15MS
27	DBW 17 (C)	5MR	10MR	0	10MR	0
28	DBW 71 (I) (C)	TR	0	TMS	5MR	5MS
29	DPW 621-50 (C)	20MR	5MR	TS	TR	15MS
30	HD 2967 (C)	10S	20S	TMS	0	0
31	HD 3043 (C)	15S	20S	0	10MR	0
32	HD 3059 (I) (C)	5MR	20MR	5MR	5MR	0
33	PBW 175 (C)	5MS	30S	5X	30MR	0
34	PBW 373 (C)	10MR	20MR	0	10MR	TR
35	PBW 590 (C)	TR	5MR	0	5MR	0
36	PBW 644 (C)	5S	40S	0	TR	0
37	PDW 291 (C)	TS	20MS	40S	60S	0
38	PDW 314 (C)	20S	80S	30S	60S	0
39	WH 1021 (C)	0	10MR	5MR	5MR	0
40	WH 1080 (C)	5S	40MR	TS	20MS	10MS
40. A	INFECTOR	100S	90S	100S	80S	40S
41	WH 1105 (I) (C)	15S	20MS	0	0	10MS
III. NORTH EASTERN PLAIN ZONE						
42	HD 3076	TS	20MR	TS	0	5MR
43	K 1006	5S	30MS	TMS	0	TR

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44	NW 5054	10S	30MR	TMR	10MR	0
45	PBW 661	25MS	20MS	TS	0	5S
46	Raj 4250	5MR	20MR	0	0	0
47	WH 1120	20S	80S	10S	5MR	0
48	DBW 14 (C)	10MR	10MR	0	5MR	0
49	DBW 39 (C)	5MR	20MR	0	0	TR
50	HD 2733 (C)	TMS	10MR	5MR	0	0
51	HD 2888 (C)	0	5MR	0	5MR	10S
52	HD 2985 (C)	15MS	40MR	5S	5MR	0
53	HI 1563 (C)	0	10MR	TMR	0	10S
54	K 0307 (C)	0	30MR	TMS	5MR	0
55	K 8027 (C)	30S	40S	40S	20S	0
56	NW 2036 (C)	TMS	10MR	0	5MR	10MR
57	RAJ 4229 (I) (C)	0	40MS	0	5MR	0
IV. CENTRAL ZONE						
58	HD 3095	TR	20MR	0	5MR	0
59	HI 8724 (d)	10MR	40MR	30S	30S	0
60	HI 8725 (d)	20MR	10MR	30S	10MR	0
60. A	INFECTOR	100S	90S	100S	80S	40S
61	HI 8727 (d)	5MR	0	40S	40S	0
62	HI 8731 (d)	10MR	TR	TS	0	10MS
63	MPO 1255 (d)	5MR	20MR	40S	30S	5MR
64	A 9-30-1 (C)	80S	80S	80S	20MR	10MS
65	GW 322 (C)	10MR	20MS	0	30MR	TR
66	HD 2864 (C)	0	10MR	5MR	5MR	0
67	HI 1500 (C)	0	20MR	0	10MR	0
68	HI 1544 (C)	TR	5MR	0	0	0
69	HI 8498 (d) (C)	5MR	10MR	40S	30S	0
70	HI 8627 (C)	5MR	20MR	20S	5MR	10MS
71	HI 8713 (d) (I) (C)	TR	10MR	15S	30S	5MR
72	MP 3288 (C)	0	10MR	0	5MR	0
73	MP 3336 (I) (C)	10MR	20MR	TMS	10MR	0
74	MP 4010 (C)	5MR	10MR	TR	5MR	TR
75	MPO 1215 (d) (C)	5MS	5MR	20S	20S	0
76	RAJ 4238 (I) (C)	0	30MR	0	TR	0
V. PENINSULAR ZONE						
77	DBW 93	0	5MR	TS	5MR	0
78	GW 432	0	30MR	10MR	5MR	0
79	HD 3090	TS	20MR	0	5MR	10S
80	HD 3093	0	20MR	0	TR	10MR
80. A	INFECTOR	100S	90S	100S	90S	30S
81	MACS 6478	10MS	20MR	5X	20S	10S
82	UAS 334	0	20MR	TMR	TR	10MR
83	AKDW 2997-16(d) (C)	10MS	40S	50S	60S	10S
84	HD 2932 (C)	15S	40S	10S	TR	5MR
85	MACS 6222 (C)	0	5MR	0	10MR	TR
86	NI 5439 (C)	40S	40MR	30S	20MR	20S
87	NIAW 1415 (C)	0	30S	5MR	5MR	0
88	NIAW 34 (C)	5MS	10MR	0	0	0
89	NIDW 295 (d) (C)	5MS	5MR	30S	40S	0
90	Raj 4083 (C)	5MS	5MR	TMS	TR	5MR

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91	UAS 428 (d) (C)	5MS	20MR	30S	40S	15MS
92	WHD 948 (d) (I) (C)	TR	5MR	40S	5MR	TR
VI. SOUTHERN HILLS ZONE						
93	HW 5224	30S	60S	30S	30S	0
94	CoW(W) 1 (C)	0	5MR	0	TR	10MS
95	HW 2044 (C)	0	5MR	0	TR	10S
96	HW 5216 (I) (C)	0	0	0	5MR	10MS
VII. SPECIAL TRIAL						
97	DDK 1029 (C)	TMS	5MR	10S	5MR	10S
98	Kharchia 65 (C)	80S	80S	80S	20S	15MS
99	KRL 210 (C)	40S	40S	15S	20S	10MR
100	MACS 2496 (C)	5MR	5MR	0	5MR	10S
101	MACS 2971 (C)	5MS	5MR	TS	10MR	0
101. A	INFECTOR	100S	90S	100S	90S	40S
AVT Ist year						
I. NORTHERN HILL ZONE						
1	HPW 376	30S	40S	TMS	5MR	10S
2	HPW 380	40S	60S	5S	20MR	15S
3	HPW 381	0	TR	TMS	0	0
4	HPW 387	10S	10MS	TS	0	10MS
5	HPW 388	TR	10MR	0	0	5S
6	HPW 397	TMS	5MR	0	TR	0
7	HPW 398	15S	60S	5X	10MR	0
8	HPW 399	15S	30S	0	5MR	TR
9	HS 557	20S	30S	0	0	10MR
10	HS 574	15S	5MR	TMS	TR	0
11	HS 575	10MR	10MR	0	5MR	1TR
12	HS 576	5MS	20MR	0	5MR	5MS
13	HS 577	5S	40MR	0	5MR	0
14	HS 578	0	0	0	0	5MS
15	UP 2871	TS	0	0	0	15S
16	UP 2872	0	5MR	TMR	0	5MS
17	VL 1001	10MS	20S	5MR	10MR	0
18	VL 1002	10MS	10MS	TMS	5MR	0
19	VL 3001	5S	5MR	TS	TR	0
20	VL 3002	5MS	10MR	TMR	0	10MR
20. A	INFECTOR	100S	90S	100S	90S	50S
21	VL 3003	20MS	40S	5MR	5MR	0
22	VL 967	5MS	5MR	TMR	0	10MS
II. NORTH WESTERN PLAIN ZONE						
23	DBW 101	30S	20MS	5S	20MS	10S
24	DBW 102	30S	60S	TMS	20S	5S
25	DBW 110	0	5MR	0	0	5MR
26	HD 3109	10MS	30S	0	5MR	10MR
27	HD 3117	40S	80S	5X	20MR	0
28	HD 3119	40S	60S	5S	20MR	0
29	HD 3120	15S	30S	20S	40MR	10S
30	HD 3121	15S	40S	5S	10MR	0
31	HD 3122	TS	30MR	0	5MR	10S
32	HD 3123	5MR	10MR	0	10MR	10MS
33	HI 8735	TR	10S	10S	30S	0

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34	HI 8736 (d)	30MR	20MS	20S	30S	40S
35	HI 8738	10MR	20MR	10S	60S	10S
36	HI 8739	0	20MS	5S	5MR	TR
37	HUW 662	10MS	40MR	0	5MR	0
38	HUW 664	15S	40MS	TS	5MR	10MS
39	HUW 666	5S	5MR	TMR	0	0
40	HUW 668	TR	5MR	0	TR	0
40. A	INFECTOR	100S	90S	100S	80S	40S
41	HUW 669	20S	30S	5S	20MR	0
42	JAUW 598	0	20MR	TR	5MR	10MS
43	K 1114	20S	20MR	TS	5MR	0
44	MACS 3929	10S	30S	30S	80S	0
45	MP 3392	10S	40S	TS	5MR	TR
46	NIAW 1951	5MS	5MR	0	TR	TR
47	NIDW 706	20S	60S	60S	20S	10MS
48	PBW 681	25MS	20MR-MS	5X	0	10MR
49	PBW 683	5MR	40MR	0	5MR	5S
50	PBW 689	5MR	20MR	TMR	20MR	0
51	UP 2841	5S	10MR	5MS	5MR	10MS
52	UP 2843	TR	5MR	0	0	0
53	UP 2847	0	10MR	0	TR	10S
54	UP 2848	TR	5MR	0	TR	0
55	UPD 94	10MS	30S	5S	60S	0
56	WH 1128	10S	10MR	TMS	0	0
57	WH 1129	10S	5MR	TMR	10MR	0
58	WH 1130	0	30MS	40S	0	10S
59	WH 1138	30S	60S	0	20S	10MS
60	WH 1139	5MR	30S	TMR	0	0
60. A	INFECTOR	100S	90S	100S	90S	50S
61	WH 1142	5MR	10MR	TMR	20MR	10MS
III. NORTH EASTERN PLAIN ZONE						
62	BRW 3723	20S	30S	TS	10MR	0
63	DBW 107	5MR	40MR	TMR	TR	0
64	HD 3110	5MS	30MR	0	TR	0
65	HD 3111	5S	10MR	0	0	10MS
66	HD 3118	10MR	20S	10MR	TR	TR
67	HUW 667	20MR	20MR	TR	5MR	10S
68	K1105	10MS	20MS	TS	0	TR
69	NW 5064	15S	10MR	5S	10MR	10S
70	PBW 688	10MS	10MR	0	5MR	10S
71	UAS 347	20S	40S	0	10MR	0
72	UP 2844	0	5MR	0	TR	0
73	WH 1136	5MS	30MR	TMR	TR	10MS
74	WH 1137	20S	20MR	0	0	TR
IV. CENTRAL ZONE						
75	DDW 23	20MS	5MR	30S	30S	TR
76	GW 1292 (d)	20MR	20MR	50S	20MR	10MS
77	GW 440	5MS	5MR	TS	20MR	10MS
78	HD 3114	20S	20MR	TMR	20MR	0
79	HI 1588 ^Q	0	5MR	0	5MR	0
80	HI 8737 (d)	5MR	TR	40S	40S	10MS

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		Indore	Pune	Indore	Pune	Powarkheda
80. A	INFECTOR	100S	90S	100S	90S	80S
81	HI 8742 (d)	5S	20MR	10S	5MR	0
82	K 1116	20S	30S	0	5MR	10MS
83	MACS 3915 (d)	30MS	40S	20S	20S	10S
84	MACS 6568	40S	60S	10S	30S	10S
85	MP 3379	0	30MR	0	5MR	10MS
86	MP 3382	10MS	20MR	0	10MR	0
87	NIAW 1885	30S	80S	10S	5MR	10S
88	Raj 4295	15MS	20MR	TS	5MR	TR
89	UAS 348	15S	40S	5S	10MR	10MS
90	UAS 446 (d)	10MS	20S	40S	60S	20S
V. PENINSULAR ZONE						
91	GW 446	5MR	10MR	0	TR	10S
92	HD 3116	15S	40MR	10MR	0	TR
93	MACS 6583	TR	10MR	0	10MR	0
94	MP 1270 ^Q	0	0	0	5MR	5MR
95	NIAW 1994	10MR	40MS	5X	5MR	TR
96	NIDW 699(d)	10MR	20S	60S	40S	10S
97	UAS 342	10S	10MR	5MR	TR	0
98	UAS 447(d)	5MS	30S	40S	40S	0
99	UP 2845	5S	TR	10MR	5MR	20S
VI. SOUTHERN HILLS ZONE						
100	HW 1900	0	5MR	10S	0	TR
100. A	INFECTOR	100S	90S	100S	90S	50S
101	HW 4013	0	0	0	0	0
102	HW 4042	TR	TR	0	0	0
103	HW 5235	0	10MR	0	0	0
104	HW 5237	0	5MR	0	TR	10S
VII. SPECIAL TRIAL						
105	DBW 131	25S	20MR	5MR	5MR	15MR
106	DDK 1042	TMS	5MR	10S	5MR	0
107	DDK 1044	TMS	5MR	40S	10MR	5MR
108	DDK 1045	15MR	5MR	30S	TR	0
109	HW 1099	TMS	5MR	20S	5MR	10MS
110	KLP 1006	5S	30MS	0	5MR	10MS
111	KRL 330	20MS	20MR	5X	5MR	0
112	KRL 345	20MS	5MR	5MR	0	10S
113	KRL 346	30MS	5MR	0	5MR	10MS
114	KRL 347	30MS	20MR	TS	5MR	10S
115	KRL 348	10S	20MR	0	5MR	10S
116	MACS 5022	5MR	5MR	40S	10MR	0
117	MACS 5031	5MS	5MR	50S	10MR	10MS
118	MACS 5032	5MS	10MR	40S	20S	10S
119	RAJ 4324	0	30MR	0	40S	0
120	WH 1145	0	20MR	0	TR	10S
120. A	INFECTOR	100S	90S	100S	90S	70S