

**Adult plant response of AVT II<sup>nd</sup> year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
<b>AVT II<sup>nd</sup> Year</b>											
<b>I. NORTHERN HILL ZONE</b>											
1	HPW 251 (C)	TR	0	0	0	10MR	0	20S	5S	20S	3.7
2	HS 375 (C)	0	5S	10S	15MS	20MS	0	20MS	0	20MS	7.4
3	HS 490 (C)	20MS	0	TR	TMR	20MS	10MR	10S	TR	20MS	5.9
4	HS 507 (C)	TR	0	TR	0	30S	5MR	TMS	0	30S	4.2
5	HS 542 (C)	0	0	TR	0	10S	0	5MS	0	10S	1.8
6	VL 829 (C)	0	0	TR	10MR	TR	0	5MS	0	5MS	1.1
7	VL 892 (C)	10MS	0	20S	0	TR	0	5MS	0	20S	4.0
<b>II. NORTH WESTERN PLAIN ZONE</b>											
8	DBW 88 (C)	TMR	5MR	TR	TMR	10S	TR	10MR	0	10S	2.2
9	DBW 90 (C)	0	5S	TR	0	20S	0	10S	0	20S	4.4
10	HD 3043 (C)	TS	0	20S	0	40S	10MR	40S	30S	40S	16.9
11	HD 2967 (C)	10MS	0	TR	0	20S	0	10S	0	20S	4.8
12	HD 3059 (C)	TS	0	10S	0	5S	TR	10S	0	10S	3.3
13	HD 3086 (C)	TMS	0	TR	0	20MR	10MR	30S	0	30S	5.4
14	PBW 644 (C)	0	0	TR	0	10MR	5MR	10S	10S	10S	3.3
15	WH 1021 (C)	10MR	10S	TR	TMR	10MR	TR	5MR	0	10S	2.6
16	WH 1080 (C)	0	5S	TR	TMR	40S	0	10S	0	40S	7.0
17	WH 1105 (C)	20MS	0	TR	TMR	40S	0	10MR	0	40S	7.6
18	WH 1124 (C)	10MR	0	TR	TMR	30MR	TR	20S	0	20S	4.6
19	WH 1142 (I) (C)	TR	40S	60S	60S	30S	TR	10S	5MS	60S	25.6
<b>III. NORTH EASTERN PLAIN ZONE</b>											
20	HD 3171	0	5S	TR	0	20MR	5MR	40S	5MS	40S	7.4
20. A	INFECTOR	80S	20S	80S	80S	80S	80S	60S	100S	100S	72.5
21	K 1317	0	0	TR	0	10S	10MR	20MS	0	20MS	3.8
22	C 306 (C)	20MS	10S	40S	10S	60S	20MS	40S	60S	60S	31.5
23	DBW 39 (C)	0	5S	TR	TMR	20MR	10MR	10MS	0	10MS	3.2
24	HD 2733 (C)	10MR	20S	30S	20MS	40S	10MS	20MR	20S	40S	18.3
25	HD 2888 (C)	0	0	TR	0	20MR	5MR	0	0	20MR	1.3
26	K 8027 (C)	TR	10S	60S	10MS	60S	5MR	40S	10S	60S	23.8
27	K 0307 (C)	0	40S	40S	40S	40S	10MR	20S	0	40S	23.0
28	K 1006 (C)	TR	40S	40S	40S	40S	10MR	40S	0	40S	25.5
<b>IV. CENTRAL ZONE</b>											
29	HI 8759 (D)	20MS	5MR	0	0	10MR	0	5MR	5MR	20MS	3.3
30	HD 4728 (D) (I) (C)	TMR	0	0	0	10MR	0	TMR	TMS	10MR	0.7
31	HI 8498 (D) (C)	10MS	5S	TR	0	20S	0	0	5MS	20S	4.7
32	HI 8737 (D) (C)	TS	10S	0	0	20S	0	0	0	20S	3.9
33	MPO 1215 (d) (C)	TMR	0	0	0	30S	0	TMR	0	30S	3.9
<b>V. PENINSULAR ZONE</b>											
34	MACS 3949 (d)	0	0	0	5MR	20MR	0	TMR	0	20MR	1.3
35	HI 1605	0	10S	0	5MS	10S	0	20S	5MR	20S	5.8
36	AKDW 2997-16(d) (C)	TR	0	0	TMR	20S	TR	5MR	20S	20S	5.4
37	DBW 93 (C)	TR	20S	TR	15MS	40S	TR	30S	5S	40S	13.5
38	HD 2932 (C)	0	5MR	TR	TMS	40S	TR	30S	40S	40S	14.2
39	MACS 6222 (C)	0	5S	TR	0	0	0	TMR	0	5S	0.7
40	MACS 6478 (C)	20MS	0	TR	5MS	20MR	TR	30S	0	30S	7.3
40. A	INFECTOR	80S	20S	60S	80S	80S	70S	60S	100S	100S	68.8
41	NI 5439 (C)	20S	10S	60S	60S	80S	20MS	60S	70S	80S	47.0
42	NIAW 1415 (C)	0	0	TR	0	10MR	TR	5MS	0	5MS	1.1

**Adult plant response of AVT IInd year, Ist year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
43	NIAW 34 (C)	TR	5S	TR	30MS	20S	TR	20S	5MS	30MS	9.2
44	NIDW 295 (D) (C)	0	0	TR	0	20MR	0	5MR	5MS	20MR	1.8
45	RAJ 4083 (C)	TR	10S	10S	TMR	0	0	10S	0	10S	3.8
46	UAS 428 (d) (C)	0	10S	TR	TMR	30S	0	10MS	20MS	30S	8.1
47	UAS 446 (d) (C)	0	0	TR	0	20MR	0	0	0	20MR	1.0
<b>VI. SOUTHERN HILLS ZONE</b>											
48	HW 2044 (C)	10MR	0	TR	TMR	30S	0	TMS	0	30S	4.4
49	HW 5216 (C)	TR	0	TR	0	0	0	TMR	0	TMR	0.1
50	CoW (W) -1 (C)	TR	20S	TR	20MS	20S	20MS	10S	0	20S	10.3
<b>VII. SPECIAL TRIAL (MABB-IR-LS-CZ/PZ/WB)</b>											
51	HD 3209	10MS	20S	TR	0	TR	0	TMR	0	20S	3.6
52	PBW 723	0	20S	TR	0	5MR	5MR	10MS	0	20S	4.0
53	WB 2	TR	0	TR	TMR	5S	0	10MS	0	10MS	1.7
54	DBW 14 (C)	TMS	0	40S	TMR	10S	0	10S	0	40S	7.7
55	DBW 71 (C)	TR	20S	60S	5MS	5MR	0	5MS	0	60S	11.3
56	DDK 1029 (C)	0	5S	TR	0	5MR	0	5MR	0	5S	1.2
57	DPW 621-50 (C)	TR	0	0	TMR	5MR	TR	10S	0	10S	1.6
58	GW 322 (C)	TR	10S	40S	20MS	30S	TR	20S	0	40S	14.6
59	HD 2864 (C)	0	0	TR	0	5MR	10MR	5MR	0	10MR	1.0
60	HW 1098 (C)	0	0	TR	0	20MR	TR	TMR	0	20MR	1.1
60. A	INFECTOR	80S	20S	80S	100S	80S	70S	60S	100S	100S	73.8
61	Kharchia 65 (C)	60S	10S	60S	80S	80S	TR	60S	80S	80S	53.8
62	KRL 19 (C)	20MS	20S	40S	30S	40S	TR	30S	0	40S	22.0
63	KRL 210 (C)	20MS	10S	TR	TMR	40S	10MS	30S	0	40S	13.1
64	MP 3336 (C)	TMS	20S	40S	15MS	30S	0	10MS	0	40S	13.9
65	PBW 343 (C)	TR	10S	40S	20S	60S	5MR	80S	0	80S	26.5
66	TL 2942 (C)	0	10S	TR	0	TR	0	0	20S	20S	3.8
67	TL 2969 (C)	0	0	TR	0	0	0	0	0	TR	0.0
68	WR 544 (C)	10MS	5S	50S	0	10MR	0	10S	0	50S	9.6
68. A	INFECTOR	80S	40S	60S	80S	80S	70S	80S	100S	100S	73.8
<b>AVT Ist Year</b>											
<b>I. NORTHERN HILL ZONE</b>											
1	HPW423	TR	10S	5MR	5MS	40S	0	10S	0	40S	8.3
2	HPW424	10MS	5S	10S	10MS	30S	TR	10MS	0	30S	8.7
3	HPW432	TR	20S	60S	40S	40S	TR	40S	5S	60S	25.7
4	HPW433	TR	0	5MR	20MS	40S	0	10MS	0	40S	8.3
5	HS622	TR	5S	20S	5MS	40S	0	0	0	40S	8.7
6	HS623	20MR	20S	10S	TMR	5MR	TR	0	0	20S	5.1
7	HS625	10MS	0	TR	0	40S	0	TMS	0	40S	6.1
8	HS626	TR	20S	10S	5MR	40S	0	TMR	0	40S	9.1
9	HS627	10MR	0	5MR	TMR	20S	0	10MS	0	20S	4.3
10	HS628	TR	0	TR	0	0	0	0	0	TR	0.1
11	UP2954	10MR	0	TR	0	0	0	TMS	0	10MR	0.6
12	UP2955	0	0	TR	0	10S	0	5MR	0	10S	1.5
13	VL1008	TR	0	TR	0	20MR	0	10MS	0	10MS	2.1
14	VL1009	10MS	5S	20S	0	40S	TR	20S	0	40S	11.7
15	VL1010	0	0	TR	0	20S	0	TMS	0	20S	2.6
16	VL3010	0	20S	10MS	TMR	20S	0	20S	TMS	20S	8.7
17	VL3011	0	0	TR	0	20S	0	TMS	0	20S	2.6
18	VL3012	0	10S	10S	5MS	30S	0	5MS	0	30S	7.3

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		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
<b>II. NORTH WESTERN PLAIN ZONE</b>											
19	DBW 172	0	0	TR	0	20MR	0	5MS	0	20MR	1.5
20	DBW 173	TR	0	0	0	0	0	TMR	5MR	5MR	0.3
20. A	INFECTOR	80S	20S	80S	80S	80S	80S	60S	100S	100S	72.5
21	DBW 179	0	0	TR	0	5MR	0	5MR	0	5MR	0.5
22	NW 6046	10MS	0	40MS	0	20MR	0	5S	0	40MS	6.6
23	PBW 725	0	5MR	5MS	0	20S	0	5S	0	20S	3.9
24	PBW 737	TR	20S	20MS	30S	40S	0	5S	TMS	40S	14.0
25	UP 2903	TR	0	TR	0	30S	0	5MS	0	30S	4.3
26	UP 2907	10MS	0	0	0	20MR	10MS	5MR	0	10MS	3.3
27	WH 1184	10MR	5S	TR	10MS	20MR	0	5MR	0	10MS	3.4
<b>III. NORTH EASTERN PLAIN ZONE</b>											
28	HD 3184	10MS	0	TR	0	0	0	5MS	0	10MS	1.5
29	HI 1612	10MS	0	TR	10MR	30S	0	20MS	0	30S	7.3
30	WH 1181	TR	5S	10S	15MS	5S	0	5MR	0	15MS	4.3
<b>IV. CENTRAL ZONE</b>											
31	HI 8774 (D)	0	0	5S	0	30MR	0	0	5MS	30MR	2.6
32	PDW 344 (D)	20MS	0	TR	0	40MR	0	5MR	20MS	20MS	6.3
<b>V. PENINSULAR ZONE</b>											
33	AKAW 4842	10MS	0	TR	0	20S	0	0	TS	20S	3.7
34	DBW 168	TR	5S	TR	TMS	TR	0	5MS	5MS	5S	1.8
35	GW 477	0	-	TR	TMR	5MR	0	0	0	5MR	0.4
36	HI 8777 (D)	TR	0	0	0	0	0	0	0	TR	0.0
37	KD 1418 (D)	TMR	0	20S	0	5MR	0	10MS	5S	20S	4.4
38	MACS 4028 (D)	20MR	20S	40S	10MR	20MR	0	20MS	20MS	40S	14.0
39	MACS 6660	TMR	10S	40S	TMS	40MR	10MS	20MS	5MS	40S	11.9
40	NIAW 2495	TR	10S	20S	TMR	30S	TR	10S	0	30S	8.9
40. A	INFECTOR	80S	60S	80S	80S	90S	70S	60S	100S	100S	77.5
41	RKD 283 (D)	0	5MR	TR	0	20MR	0	0	0	20MR	1.3
42	RKD 292 (D)	TR	0	TR	0	20MR	0	TMR	5MS	20MR	1.6
43	UAS 375	10MS	20S	10S	20MS	30S	0	40S	0	40S	15.5
44	UAS 459 (D)	0	TR	TR	0	5MR	0	10MR	5MS	5MS	1.3
<b>VI. SPECIAL TRIAL (Dicoccum and Sailability and Alkalinity)</b>											
45	DBW 214	0	20S	20S	10MR	30S	0	20S	0	30S	11.8
46	DBW 215	TR	0	TR	0	40S	0	20S	0	40S	7.6
47	DBW 216	10MR	0	TR	0	30S	0	10MS	5MS	30S	5.8
48	DBW 217	0	0	TR	0	TR	0	5MR	0	5MR	0.3
49	DDK 1050	TR	0	0	0	20MR	0	0	0	20MR	1.0
50	DDK 1051	0	0	0	0	20MR	0	0	0	20MR	1.0
51	KA 1427	TR	20S	40S	30S	60S	10MS	20S	0	60S	22.3
52	MACS 5044	0	0	0	0	20MR	0	10MR	0	20MR	1.5
53	MACS 5046	0	0	0	0	20MR	0	0	0	20MR	1.0
54	NW 6094	TMS	0	5S	20MS	30S	10MS	10MS	0	30S	8.5
55	WH 1310	TR	20S	TR	0	0	10MS	0	0	20S	3.6
<b>VII. SPECIAL TRIAL (TRITICALE)</b>											
56	TL 3006	0	0	TR	0	20MR	0	5MR	0	20MR	1.3
57	TL 3007	0	0	TR	0	10MR	0	5MS	0	5MS	1.0
58	TL 3008	0	0	TR	0	5MR	0	0	0	5MR	0.3
59	TL 3009	0	0	TR	0	TR	0	0	0	TR	0.1
60	TL 3010	0	0	TR	0	0	0	0	0	TR	0.0
60. A	INFECTOR	80S	20S	60S	80S	90S	80S	60S	100S	100S	71.3

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		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
<b>VIII. SPECIAL TRIAL (MABB/NIL (KB) ENTRIES/Biofortification trial)</b>											
61	HPBW 01	10MS	5MR	TR	15MR	30S	10MS	20S	0	30S	9.3
62	HPBW 02	10MS	5MR	TR	5MR	40S	10MS	10S	0	40S	8.8
63	HPPAU 05	TMR	10S	10S	15MS	10S	0	5MS	0	15MS	5.8
64	HPPAU 08	10MR	0	TR	0	0	15MS	TMS	0	15MS	2.1
65	HPPAU 10	0	20S	10MS	10MS	20S	0	20S	0	20S	9.5
66	PBW 760	TR	0	TR	0	5MR	5MR	5MS	0	5MS	1.1
<b>IX. SPECIAL TRIAL (Very Late Sown)</b>											
67	DBW 218	TMR	5S	TR	0	20S	0	20S	0	20S	5.7
68	DBW 219	TMR	10S	TR	0	20S	0	10MR	0	20S	4.3
69	DBW 220	0	5S	TR	0	5MR	5MR	0	0	5S	1.2
70	HD 3236	TMR	20S	TR	10MR	30S	TR	40S	0	40S	11.9
71	HI 1621	TMR	20S	40S	15MS	60S	TR	40S	0	60S	21.6
72	PBW 756	0	5S	TR	0	0	TR	10MS	0	10MS	1.7
73	PBW 757	TMR	10S	TR	0	0	TR	0	0	10S	1.4
74	WH 1215	TR	10S	TR	0	20S	0	10MS	0	20S	4.8
75	WH 1216	0	20S	0	0	40S	TR	10MS	0	40S	8.5
<b>X. AVTs for Summer sown (VHA)</b>											
76	HS 580	TR	20S	20S	20MS	60S	TR	5S	5MS	60S	15.7
77	HS 590	TMS	20S	5S	TMS	40S	TR	40S	10S	40S	14.6
78	VL 3002	TMR	0	TR	0	40S	5MR	20S	0	40S	7.8
79	VL 4001	0	0	TR	TMR	0	0	0	0	TMR	0.1
80	PBW 621	TR	0	TR	0	0	0	5S	0	5S	0.7
80. A	INFECTOR	80S	40S	80S	80S	90S	80S	60S	100S	100S	76.3
81	HPW 393										
82	HPW 394										
<b>NIVT 1A</b>											
1	UP 2940	10MS	0	TR	20MS	20MR	10MS	5S	0	20MS	5.7
2	K 1501	10MR	0	TR	TMR	5MR	0	5S	0	5S	1.5
3	UP 2939	0	0	TR	0	0	0	5MR	0	5MR	0.3
4	HD 3220	0	5S	TMS	15MS	20MR	0	10MS	5MS	15MS	4.7
5	UP 2936	TMS	0	TR	TMR	30S	0	10MS	0	30S	4.9
6	HUW 802	TR	20S	50S	60S	60S	0	10S	40S	60S	30.0
7	WH 1201	TMS	20S	TS	40S	30S	0	5MS	0	40S	12.0
8	RAJ 4465	TR	10S	TR	20MS	30S	20MS	5S	0	30S	9.7
9	HD 3222	0	0	TR	TMR	0	0	5MR	0	5MR	0.3
10	HD 3218	10MS	5S	TR	0	20S	0	5MR	0	20S	4.4
11	NW 6094	TMR	5S	TR	20MR	40S	TR	10MS	0	40S	7.7
12	PBW 761	0	5S	TR	0	0	0	0	0	5S	0.7
13	HUW 801	20MS	0	TR	5MR	40S	TR	10MS	0	40S	8.3
14	PBW 747	TMR	10S	TR	TMR	10S	0	5MS	0	10S	3.1
15	HD 3223	TR	20S	5S	30MS	40S	5MR	10S	0	40S	12.7
16	WH 1203	20MS	40S	TS	0	20MR	TR	5MR	0	40S	8.4
17	BRW 3786	0	20S	TS	30S	30S	0	20MS	0	30S	12.1
18	JKW 230	TR	0	TR	0	0	0	TMR	0	TMR	0.1
19	DBW 194	TMR	0	TR	0	10S	0	5MR	0	10S	1.6
20	DBW 189	10MS	0	TR	0	5MR	TR	10MR	0	10MS	1.8
20. A	INFECTOR	80S	40S	50S	80S	90S	70S	60S	100S	100S	71.3
21	DBW 193	10MR	0	TR	0	0	TR	5MR	0	10MR	0.8
22	K 1503	TMR	0	TR	TMR	30S	0	10MR	0	30S	4.4
23	RAJ 4462	TR	10S	TS	5MS	20MR	0	5MR	0	10S	3.2

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		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
24	UP 2937	TR	0	TR	0	40S	0	5MR	0	40S*	5.3
25	WH 1200	TR	0	TR	0	5MR	0	0	0	5MR	0.3
26	RAJ 4464	0	0	TR	0	20S	0	5MR	0	20S	2.8
27	NW 6078	TR	0	TR	0	5MR	0	5MR	0	5MR	0.6
28	DBW 188	0	5S	TR	5MS	40S	0	20MS	0	40S	8.2
29	PBW 744	TMS	0	TR	0	5MR	TR	5MR	0	5MR	0.7
30	BRW 3785	TR	0	TR	TMR	40S	0	5MR	0	40S*	5.4
31	HD 3221	10MS	40S	10S	20MS	60S	0	20MS	0	60S	18.8
32	K 1502	TMR	5MR	TR	0	20S	0	5MS	0	20S	3.3
33	RAJ 4463	0	0	TR	0	10S	0	10MR	0	10S	1.8
34	UP 2938	0	0	TR	0	20S	0	5MS	0	20S	3.0
35	DBW 192	0	40S	30S	30S	40S	0	5S	0	40S	18.1
36	WH 1204	TMS	0	TR	0	0	0	5MR	0	5MR	0.4
37	PBW 745	TR	0	TR	0	20S	0	5MR	0	20S	2.8
38	HD 3217	TMR	0	TR	0	0	10MS	TMR	0	10MS	1.1
39	PBW 746	0	0	TR	TMR	20S	0	5MS	0	20S	3.1
40	DBW 187	TMR	0	TR	TMR	30S	0	5MR	0	30S	4.1
40. A	INFECTOR	80S	20S	20S	80S	90S	70S	60S	100S	100S	65.0
41	DBW 191	TR	0	TR	15MS	20MR	0	10MS	0	15MS	3.6
42	HD 3219	10MS	0	TR	15MS	30S	0	20S	0	30S	8.8
43	HP 1962	0	10S	TR	0	20S	0	10MS	0	20S	4.8
44	DBW 190	TMR	0	TR	0	5S	TR	20MS	0	20MS	2.7
45	WH 1202	10MS	0	TR	0	5S	TR	10MS	0	10MS	2.7
<b>NIVT 1B</b>											
46	PBW 749	TR	40S	TR	5MR	0	0	10MS	0	40S	6.3
47	K 1508	0	20S	TMS	0	0	0	5S	0	20S	3.2
48	DBW 199	10S	40S	TR	30S	60S	TR	30S	30S	60S	25.1
49	NW 6079	TR	0	TR	0	20S	0	5MS	0	20S	3.1
50	K 1506	0	0	TR	TMR	0	0	0	TS	TS	0.2
51	BRW 3770	TR	0	TR	0	0	0	10MR	0	10MR	0.6
52	RAJ 4468	TR	0	TR	0	20S	0	10MS	0	20S	3.6
53	HP 1963	TMS	40S	30S	30S	80S	0	40S	20MS	80S	29.6
54	JKW 225	0	0	TR	0	0	0	0	0	TR	0.0
55	NW 6093	TR	5S	TR	0	10MR	0	5MS	0	5S	1.7
56	PBW 750	TS	0	TR	0	0	10MS	TMR	0	10MS	1.2
57	HD 3228	20MS	0	TR	0	20S	15MR	20MS	0	20S	7.3
58	JKW 221	10S	0	TR	0	TR	0	10S	0	10S	2.6
59	RAJ 4466	20MS	0	TR	0	30S	15MS	40S	10S	40S	13.5
60	HUW 806	10MS	0	10S	0	40S	TR	10MS	20S	40S	10.8
60. A	INFECTOR	80S	40S	60S	80S	90S	80S	60S	100S	100S	73.8
61	DBW 197	20MS	0	TR	TMR	60S	0	30S	0	60S	13.3
62	WH 1206	10MR	0	TR	TMR	40S	0	20MS	0	40S	7.6
63	HD 3227	TMR	0	TR	TMR	5MR	0	10MS	0	10MS	1.4
64	HUW 807	TR	-	TR	0	5S	TR	20S	0	20S	3.7
65	NW 6082	TMR	0	TR	0	20S	0	5MS	0	20S	3.1
66	UBW-8	0	0	TR	0	TR	0	0	0	TR	0.1
67	DBW 196	10MS	0	TR	0	0	0	5MR	0	10MS	1.3
68	K 1505	TR	0	TR	0	40S	0	5MR	0	40S*	5.3
69	WH 1207	TR	0	TR	0	10S	0	TMR	0	10S	1.4
70	HD 3229	TR	0	TR	0	TR	0	5MR	0	5MR	0.3
71	PBW 748	10MR	20S	60S	30MS	60S	0	20S	20S	60S	26.0

**Adult plant response of AVT IInd year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
72	BRW 3771	10S	0	TR	TMR	30S	0	5MR	5MS	30S	5.8
73	K 1507	TR	0	TR	0	0	0	10MS	0	10MS	1.1
74	DBW 195	10MS	0	TR	0	0	0	5MR	0	10MS	1.3
75	WH 1205	TMR	5S	TR	10MS	40S	0	5MR	0	40S	7.0
76	K 1504	0	0	TR	0	0	0	5MR	0	5MR	0.3
77	AAIW 8	10MS	0	TR	TMR	0	0	5S	0	10MS	1.7
78	DBW 198	TR	0	TR	0	20S	0	5S	0	20S	3.2
79	HD 3225	TMR	0	TR	0	10S	0	5MR	0	10S	1.6
80	BRW 3773	20MS	5MR	TR	TMR	20S	0	20S	0	20S	7.3
80. A	INFECTOR	80S	20S	80S	80S	90S	70S	60S	100S	100S	72.5
81	HD 3226	0	10S	TR	5MR	40S	0	10MS	5MS	40S	8.0
82	HUW 804	10S	0	TR	TMR	40S	0	40S	0	40S	11.3
83	UP 2941	10MR	0	TR	0	40S	0	5S	0	40S	6.2
84	NW 6088	20S	0	TR	0	20MR	0	10MS	0	20S	4.5
85	HD 3224	10MR	0	TR	0	10MR	0	5MR	0	10MR	1.3
86	UP 2942	0	0	TR	0	0	0	10MR	0	10MR	0.5
87	HUW 803	10MR	0	TR	TMS	10S	0	5S	0	10S	2.5
88	HD 3230	10MR	5MR	TR	5MS	20S	0	10MS	0	20S	4.8
89	NW 6090	0	0	TR	0	20MR	0	10S	0	10S	2.3
90	UP 2943	10MS	0	TR	0	20S	0	TMR	0	20S	3.6
<b>NIVT 2</b>											
91	UAS 379	10MS	20S	TR	0	40S	TR	5MS	0	40S	9.1
92	RVW 4246	10S	-	TR	0	0	0	TMS	0	10S	1.6
93	RAJ 4470	10MR	5S	10S	TMR	30S	0	40S	0	40S	11.2
94	GW 485	0	0	TR	0	0	0	5MR	0	5MR	0.3
95	HI 1613	0	0	TR	0	0	0	0	0	TR	0.0
96	GW 481	TR	0	TR	0	10MR	0	0	0	10MR	0.6
97	RVW 4247	TR	0	TR	TMS	0	0	TS	0	TS	0.3
98	K 1510	TMR	0	TR	0	20S	0	20MS	0	20S	4.6
99	JWS 149	0	10S	5MS	TMS	40MR	TR	5MR	0	40MR	4.1
100	DBW 201	10MS	20S	5S	20MS	60S	0	5S	0	60S	14.3
100. A	INFECTOR	80S	20S	60S	80S	80S	80S	60S	100S	100S	70.0
101	MACS 6692	10MR	0	TR	TMR	5MR	0	5S	0	5S	1.5
102	HI 1615	0	0	TR	0	20S	0	10MS	0	20S	3.5
103	NIAW 2844	10MR	0	TR	0	10S	-	20S	5S	20S	5.6
104	AKAW 4899	10MS	40S	5S	5MS	60S	-	30S	10S	60S	22.4
105	MP 1324	TMR	5S	TR	0	20MR	-	10S	0	10S	3.4
106	HI 1616	0	0	TR	0	10S	-	5MR	0	10S	1.7
107	UAS 378	TR	0	0	0	0	-	5MR	0	5MR	0.3
108	UAS 380	0	10S	TR	30S	40S	-	10S	0	40S	12.9
109	MP 1325	TR	5S	TR	0	20MS	15MR	10S	0	20MS	4.7
110	MP 3465	0	0	TR	0	20S	-	10MR	0	20S	3.5
111	HD 3231	10MS	20S	TR	TMS	40S	-	40S	0	40S	15.6
112	WH 1208	TR	10S	TR	TMR	5MR	-	5MS	0	10S	2.4
113	GW 480	10MR	20S	TR	0	10S	-	10MS	0	20S	6.0
114	UP 2944	0	10S	TR	TMS	40S	-	10MS	0	40S	8.4
115	MP 1323	TMR	20S	TR	TMR	20S	-	10MS	0	20S	7.0
116	GW 479	TR	0	TR	0	5MR	0	TMR	0	5MR	0.4
117	HI 1544 (C)	TR	0	TR	0	40S	TR	0	0	40S	5.1
118	DBW 200	TMS	0	TR	0	20S	-	10MS	0	20S	4.1
119	MACS 6689	TR	0	TR	0	0	0	TMR	0	TMR	0.1

**Adult plant response of AVT II nd year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
120	UAS 381	0	10S	TR	TMR	40S	-	TMS	5MS	40S	7.9
120. A	INFECTOR	80S	20S	20S	80S	90S	80S	60S	100S	100S	66.3
121	NIAW 2892	TR	0	TR	0	0	10MR	10MS	0	10MS	1.6
122	PBW 751	0	0	TR	0	0	0	0	0	TR	0.0
123	HI 1614	10MS	10S	TR	0	20MR	TR	10MS	0	10S	4.3
124	GW 483	TR	40S	TR	0	0	TR	0	TMS	40S	5.2
125	CG 1020	10MS	10S	TR	TMS	5MR	0	10MS	0	10S	3.6
<b>NIVT - 3A</b>											
126	PBW 754	TMR	-	5S	80S	60S	15MS	40S	5MS	80S	28.8
127	HD 3235	10MS	10S	TR	0	5MR	TR	TMR	0	10S	2.6
128	HD 3232	TMR	0	5MS	10MR	10MR	5MS	5MS	5MS	5MS	3.1
129	HD 3234	0	10S	TR	TMR	0	0	10MS	0	10S	2.3
130	HI 1617	TR	0	TR	TMR	20MR	0	TMR	0	20MR	1.2
131	HP 1964	TS	0	TR	TMR	5MR	0	5MS	0	5MS	1.0
132	HUW 810	TR	-	TR	TMR	30S	TR	40S	0	40S	10.1
133	K 1514	20MS	5S	TR	15MS	20S	0	40S	0	40S	11.7
134	K 1512	10MR	0	TR	TMR	10S	TR	30S	0	30S	5.6
135	HUW 808	10MS	5S	TR	TMR	20S	10MS	10S	0	20S	6.5
136	DBW 203	TR	0	TR	0	0	0	5MR	0	5MR	0.3
137	RAJ 4471	TR	0	0	0	20MR	TR	5MR	0	20MR	1.3
138	BRW 3777	10S	0	TR	0	5MR	0	0	0	10S	1.5
139	HI 1563 (C)	0	0	TR	0	5MR	0	TMS	0	5MR	0.4
140	UP 2948	0	0	TR	0	10S	15MS	10MR	0	15MS	3.3
140. A	INFECTOR	80S	20S	80S	80S	90S	70S	80S	100S	100S	75.0
141	JKW 222	10MS	5S	TR	0	0	0	10MS	0	10MS	2.7
142	UP 2945	10MR	0	TR	0	0	0	5S	0	5S	1.2
143	WH 1210	0	0	TR	0	0	0	TMR	0	TMR	0.1
144	WH 1211	0	0	TR	0	10S	20MS	10MS	0	20MS	4.3
145	UBW 9	0	0	TR	20MS	30S	15MS	TMS	0	30S	7.4
146	K 1513	10MR	5S	TR	5MS	5MR	0	20S	0	20S	4.4
147	UP 2947	0	5S	TR	0	0	0	5MR	0	5S	0.9
148	HUW 809	10MS	20S	TS	20MS	30MS	0	10MS	0	30MS	9.6
149	WH 1209	0	0	TR	0	0	15MS	5MS	0	15MS	2.0
150	PBW 752	TMS	10S	TR	TMR	20MR	0	10MS	0	10S	3.4
151	RAJ 4472	0	0	TR	0	5MR	0	20MS	0	20MS	2.3
152	HD 3233	TMR	0	TR	0	5MR	10MR	10S	0	10S	2.1
153	PBW 753	TR	0	TR	0	0	0	5MS	0	5MS	0.6
154	DBW 205	10MR	40S	30S	60S	60S	TR	30S	0	60S	28.0
155	DBW 202	TR	0	TR	0	0	10MS	TMS	0	10MS	1.2
156	NW 6071	0	5MR	TR	0	5MR	0	5S	0	5S	1.2
157	DBW 204	TMR	0	TR	0	0	5MR	10S	0	10S	1.6
158	NW 6080	10MS	5MR	TR	TMR	20S	TR	20MS	0	20S	5.9
<b>NIVT 3B</b>											
159	MP 1327	TR	5S	TR	15MS	0	5MR	10MS	0	15MS	3.4
160	NIAW 2721	0	0	TR	0	30S	10MR	40S	0	40S	9.3
160. A	INFECTOR	80S	20S	60S	80S	90S	70S	60S	100S	100S	70.0
161	UAS 382	0	0	TR	0	20MR	0	10MS	TR	10MS	2.1
162	RAJ 4474	0	0	TR	0	0	0	0	0	TR	0.0
163	UAS 383	10MR	10MR	TR	5MS	60S	0	10MS	10MS	60S	11.0
164	HI 8780	TR	0	TR	0	20S	0	5MS	10S	20S	4.3
165	DBW 209	10MS	5S	TR	0	20S	TR	10S	0	20S	5.4

**Adult plant response of AVT IInd year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Nipphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
166	NIAW 2725	0	10S	TR	0	40S	0	30S	0	40S	10.0
167	CG 1022	TR	20S	TR	0	20S	TR	20S	10S	20S	8.8
168	AKAW 4127	0	0	TR	0	0	TR	20S	5S	20S	3.2
169	PBW 755	0	10S	TR	0	0	0	0	0	10S	1.3
170	MACS 6618	TR	0	0	0	20S	5S	5MS	20S	20S	6.2
171	DBW 208	TMR	0	TR	TMR	20S	15MR	5MS	0	20S	3.9
172	PBN 4585	20MS	20S	60S	20MS	60S	0	60S	30S	60S	32.8
173	WH 1214	10MR	5S	TR	0	20S	20MR	5MS	0	20S	5.2
174	NIAW 2891	0	0	0	0	0	0	0	0	0	0.0
175	RVW 4241	10MR	10S	TR	5MR	30S	0	5MS	0	30S	6.3
176	DBW 206	20MS	10S	TR	10MR	60S	0	20MS	10MS	60S	14.3
177	MACS 6679	0	0	TR	TMR	0	10MS	10MR	0	10MS	1.6
178	MP 1326	TR	20S	TR	TMR	20S	-	5MS	0	20S	6.4
179	HI 8781	0	0	TR	0	10MR	0	0	0	10MR	0.5
180	GW 488	TR	0	TR	0	0	TR	0	0	TR	0.1
180. A	INFECTOR	80S	40S	80S	100S	90S	70S	60S	100S	100S	77.5
181	MP 1328	0	0	20S	15MS	40S	TR	20MS	0	40S	11.0
182	CG 1021	0	10S	TR	0	10S	0	0	0	10S	2.5
183	MP 4010 (C)	TR	0	TR	0	0	0	0	0	TR	0.1
184	HI 1618	0	0	TR	0	0	5MR	0	0	5MR	0.3
185	GW 486	0	0	TR	0	TR	TR	0	0	TR	0.1
186	HP 1965	TR	60S	20S	15MS	30S	TR	30S	0	60S	19.1
187	MP 3456	0	20S	TR	0	5MR	10MS	0	0	20S	3.8
188	DBW 207	0	5S	TR	0	20S	10MS	10MS	0	20S	5.2
189	GW 487	0	0	TR	0	0	20MS	0	0	20MS	2.0
190	WH 1213	0	0	TR	TMR	20S	10MR	20MS	0	20S	5.1
191	MP 3459	TMS	5S	TS	5MR	5MR	TR	5MS	10MS	10MS	2.9
<b>NIVT - 4</b>											
192	GW 1330	TR	5S	TR	0	5MR	0	5MS	20MS	20MS	3.4
193	PDW 350	0	10MR	TR	0	5MR	0	0	0	10MR	0.8
194	UAS 461	0	0	TR	0	10MR	0	TMS	5MS	5MS	1.1
195	HI 8787	0	0	TR	0	20MR	0	TMS	0	20MR	1.1
196	GW 1332	TR	0	TR	0	5MR	0	TMR	5MS	5MS	0.9
197	GW 1329	TR	0	TR	0	20MR	0	TMS	5MS	20MR	1.7
198	MPO 1329	0	0	TR	TMR	10MR	0	5MR	0	10MR	0.8
199	NIDW 1055	20MS	5MR	TR	0	5MR	0	TMR	0	20MS	2.6
200	PDW 348	TR	0	TR	0	20S	0	TMR	20MS	20S	4.6
200. A	INFECTOR	80S	60S	40S	80S	90S	80S	60S	100S	100S	73.8
201	DDW 40	TR	0	TR	0	20MR	0	0	0	20MR	1.1
202	PDW 349	10MS	0	TR	0	20MR	0	TMS	20MS	20MS	4.1
203	PBND 4826	20MS	0	TR	TMR	20MR	0	5MR	40S	40S	8.3
204	AKDW 4905	0	5MR	TR	TMR	20MR	0	10MR	10MS	10MS	2.8
205	HI 8786	20MS	0	TR	0	0	0	5MR	10MR	20MS	2.8
206	GW 1331	10MS	0	TR	0	5MR	0	TMS	5MS	10MS	1.9
207	MACS 4049	30MS	0	TR	5MR	TR	0	10MS	10MS	30MS	5.3
208	HI 8785	TR	0	TR	0	20MR	0	TMR	0	20MR	1.1
209	HI 8784	10MR	0	TR	0	5MR	0	TMR	0	10MR	0.8
210	MACS 4054	10MS	0	TR	0	TR	0	0	0	10MS	1.1
211	PDW 347	TR	0	TR	5MR	10MR	0	5MS	10S	10S	2.6
212	WHD 960	0	5MR	TR	0	20MR	0	5MS	0	20MR	1.8
213	NIDW 1038	TR	0	TR	0	20MR	0	5MR	30S	30S	5.1



**Adult plant response of AVT IInd year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
214	DDW 39	TR	5MR	TR	0	TR	0	TR	0	5MR	0.4
215	HI 8783	TR	0	TR	0	10MR	0	5MR	TR	10MR	0.8
216	HI 8782	20MS	0	TR	0	10MR	0	0	0	20MS	2.5
217	WHD 959	TR	0	TR	0	20MR	0	5MS	0	20MR	1.6
218	RKD 305	TR	0	TR	TMR	20MR	0	TMR	5MS	20MR	1.7
219	HI 8788	TR	0	TR	0	20MR	0	5MS	5MS	20MR	2.1
220	MPO 1330	TR	0	TR	0	5MR	0	0	TR	5MR	0.3
220. A	INFECTOR	80S	20S	30S	80S	90S	80S	60S	100S	100S	67.5
221	UAS 460	0	10S	TR	0	20S	0	5MS	5MS	20S	4.8
222	UPD 2949	TR	5MR	TR	0	20MR	0	TMR	0	20MR	1.4
223	MACS 4050	10MR	0	TR	0	5MR	0	5MR	0	10MR	1.0
224	RKD 296	10MR	5MR	TR	10MR	5MR	0	0	0	10MR	1.5
225	GW 1328	TR	0	TR	0	5MR	0	0	0	5MR	0.3
<b>NIVT - 5A</b>											
226	K 1516	10MS	0	TR	0	0	0	10MS	0	10MS	2.0
227	DBW 213	TR	0	0	TMR	10MS	10MS	0	0	10MS	2.1
228	MACS 6677	TMR	40S	20S	60S	60S	5MS	10MS	0	60S	24.1
229	MP 1318	TR	0	TR	0	0	0	10MS	0	10MS	1.1
230	BRW 3775	10MR	20S	10S	60S	40S	10MR	20S	0	60S	19.8
231	DBW 212	0	0	TR	0	40S	5MR	20S	5S	40S	8.4
232	NIAW 2822	TR	0	TR	0	TR	0	0	TS	TS	0.2
233	MACS 6678	0	0	TR	0	0	TR	0	0	TR	0.1
234	UP 2951	10MS	0	TR	0	0	0	TMR	TMS	10MS	1.2
235	K 1517	0	0	TR	0	40S	0	30S	0	40S	8.8
236	NIAW 2930	TR	0	TR	0	5MR	20MS	40S	5MS	40S	7.8
237	DBW 110 (C)	0	0	TR	0	10MR	0	10S	0	10S	1.8
238	MP 3466	TMR	0	TR	0	10MR	TR	5MS	0	5MS	1.1
239	MP 1320	0	0	TR	0	0	0	0	0	TR	0.0
240	JWS 148	0	40S	TR	0	0	5MR	0	0	40S*	5.3
240. A	INFECTOR	80S	40S	40S	80S	90S	70S	60S	100S	100S	70.0
241	DBW 210	TR	40S	TR	TMS	40S	0	10MS	0	40S	11.2
242	HI 1620	10MR	0	TR	0	TR	20MR	5MR	0	20MR	1.8
243	PBW 758	0	40S	40S	0	60S	0	20S	10S	60S	21.3
244	UP 2950	TR	10S	20S	10MS	40S	10MS	10S	5S	40S	12.7
245	HS 611	10MR	10S	10MR	TMR	0	10MS	10MS	0	10S	4.3
246	HI 1619	10S	5MR	TMR	TMR	20MR	0	TMS	0	10S	2.7
247	PBW 759	0	5S	TR	0	0	5MS	5MS	0	5S	1.7
248	UAS 385	10MS	80S	TR	TMR	40S	0	0	0	80S	16.1
249	HD 3237	10MR	40S	20S	20MS	60S	0	40S	10S	60S	23.8
250	WH 1199	0	0	5S	20MS	40S	15MS	10MS	0	40S	10.1
251	CG 1023	0	0	10MR	TMR	40S	0	20S	20S	40S	10.6
252	DBW 211	TR	0	TR	0	5MR	10MS	5MS	0	10MS	1.8
253	WH 1198	10MR	0	TR	0	20S	TR	5S	0	20S	3.7
254	HD 3238	TMR	0	TR	0	5MR	20MS	TMS	0	20MS	2.4
255	K 1515	TR	0	TR	TMR	0	TR	5S	0	5S	0.8
256	MP 1319	TR	20S	5S	20MS	40S	0	40S	30S	40S	18.9
257	MP 1317	0	0	20S	20MS	20MR	10MS	5S	5MS	20S	7.6
258	UAS 384	0	0	5S	TMR	10MR	0	5MR	5MS	5S	1.9
<b>NIVT - 5B</b>											
259	GW 1333	0	0	TMS	0	40S	0	20S	30S	40S	11.4
260	HI 8789	10MS	0	TR	0	20MR	0	0	0	10MS	2.0

**Adult plant response of AVT IInd year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
260. A	INFECTOR	80S	60S	40S	80S	90S	70S	60S	100S	100S	72.5
261	NIDW 1063	10MR	0	TR	0	5MR	0	TMS	5MS	5MS	1.4
262	MPO 1321	0	0	TR	0	20MR	0	0	0	20MR	1.0
263	HI 8793	10MS	0	TR	0	20MR	0	TMR	10MR	10MS	2.6
264	HI 8792	10MS	-	TR	0	TR	0	0	10MS	10MS	2.3
265	GW 1335	0	0	TR	0	5MR	0	0	0	5MR	0.3
266	NIDW 1053	10MR	0	TR	0	5MR	0	0	TMS	10MR	0.9
267	RKD 302	0	0	TR	0	20MR	0	TMR	0	20MR	1.1
268	UAS 462	10MR	0	TR	0	20MR	0	TMS	0	20MR	1.6
269	MACS 4040	10MS	0	TR	0	20S	0	TMR	0	20S	3.6
270	GW 1336	TR	20S	20S	TMR	40S	0	10MS	20MS	40S	13.1
271	MACS 4044	10S	0	10MS	0	30S	0	5MS	10MS	30S	7.5
272	GW 1334	TMR	0	TMR	0	30S	0	10MS	5MR	30S	5.1
273	DDW 41	0	0	TR	0	20MR	0	5MS	10MS	10MS	2.5
274	HI 8790	0	0	TR	0	TR	TR	5MR	5MR	5MR	0.6
275	UAS 463	0	0	TR	0	TR	0	0	0	TR	0.1
276	HI 8627 (C)	10MS	0	TR	0	5MR	0	TMR	0	10MS	1.3
277	DDW 42	0	0	TR	TMR	20MR	0	0	0	20MR	1.1
278	MACS 4042	20MS	0	TR	0	20MR	5MS	10MS	0	20MS	4.5
279	GW 1337	0	5MR	20S	20MS	30MS	0	30S	70S	70S	20.3
280	RKD 306	0	5MR	TR	0	20MR	TR	0	5MR	20MR	1.6
280. A	INFECTOR	80S	20S	60S	80S	90S	70S	60S	100S	100S	70.0
281	MPO 1322	TR	0	TR	0	TR	TR	TMR	5MR	5MR	0.4
282	HI 8791	10MS	0	TR	0	10MR	0	0	0	10MS	1.5
<b>IVT</b>											
<b>I. NORTHERN HILL ZONE</b>											
283	HPW 425	TR	20S	TR	TMR	20S	10MS	10S	0	20S	7.4
284	VL 2022	10MR	0	TR	0	10MR	TR	TMR	0	10MR	1.1
285	VL 2019	0	0	TR	0	0	0	0	0	TR	0.0
286	HPW 431	TR	10S	TR	5MR	20MR	0	10MS	0	10S	3.6
287	HPW 430	0	10MR	TR	0	10S	15MR	5MS	0	10S	3.0
288	UP 2953	TR	0	TR	TMR	20S	0	10MS	5MS	20S	4.1
289	VL 2024	0	10S	TR	TMS	20MR	0	10MS	0	10S	3.4
290	VL 2023	10MS	60S	5S	60S	20S	TR	10MR	0	60S	19.7
291	HPW 427	20MS	10S	TR	5MS	40S	TR	10MS	0	40S	9.8
292	HS 616	TR	20S	TR	20MS	20MR	20MS	0	0	20S	7.6
293	HS 612	0	20S	TMS	20MS	20S	0	10S	0	20S	8.4
294	HPW 429	0	0	TR	10MR	40S	10MS	10S	0	40S	7.8
295	HPW 426	TR	10S	TR	TMR	0	10MR	10MS	0	10S	2.9
296	UP 2952	TR	0	TR	0	5MR	10MR	10MS	0	10MS	1.8
297	HS 615	TR	20S	10MS	15MS	20S	TR	TMR	10S	20S	8.9
298	HPW 428	20MS	60S	30S	5MR	40S	0	10MS	10MS	60S	20.5
299	HS 613	TR	0	TR	0	60S	0	20S	5S	60S	10.7
300	HS 614	10MR	0	TR	0	20S	10MS	TMS	0	20S	4.1
300. A	INFECTOR	80S	60S	40S	80S	90S	80S	60S	100S	100S	73.8
301	HS 617	0	20S	40S	40S	10S	0	20S	5MR	40S	16.5
302	VL 907(C)	0	0	TR	0	60S	0	5S	0	60S*	8.2
303	VL 2020	TR	10S	TR	20MS	0	0	5MR	0	20MS	3.6
304	VL 2021	TR	10S	TR	10MS	0	10MS	5MR	0	10S	3.6
305	HS 618	TR	20S	5S	20MS	30S	0	TMR	0	30S	9.0
<b>II. SOUTHERN HILLS ZONE</b>											

**Adult plant response of AVT IInd year, Ist year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2015-16**

		Vijapur	Wellington	Mahabaleshwar	Niphad	Pune	Powarkheda	Dharwad	Indore	HS	ACI
306	HS 621	0	0	TR	0	40S	10MS	0	TS	40S	6.2
307	UAS 386	TR	20S	40S	40S	TR	0	10S	TS	40S	13.9
308	HW 1909	0	0	TR	0	5MR	0	0	0	5MR	0.3
309	HW 3658-4	0	20S	TR	0	0	20MR	TMS	0	20S	3.6
310	HW 1924	0	0	TR	0	0	0	0	0	TR	0.0
311	HW 5253	0	0	TR	0	0	10MS	0	0	10MS	1.0
312	HW 5252	0	0	TR	0	0	TR	0	0	TR	0.1
313	HW 3658-3	0	0	TR	0	0	0	0	0	TR	0.0
314	HW 1908-1	0	0	10S	20MS	30S	0	20MS	5MS	30S	9.5
315	UAS 387	0	10S	TR	TMR	5MR	10MS	10MS	0	10S	3.6
316	NIAW 2891	0	0	TR	0	30S	0	0	0	30S	3.8
317	HW 5249	0	10S	TR	10MR	TR	15MS	5S	0	15MS	3.9
318	HW 1908	TR	0	TR	TMR	20MR	10MS	10MS	0	10MS	3.1
319	HS 619	TMR	0	TR	0	20S	10MS	TMS	0	20S	3.7
320	MACS 6686	10MS	0	TR	0	10S	5MR	10MS	0	10S	3.5
321	HS 620	0	40S	TR	30MS	40S	0	10MS	0	40S	14.0
321. A	INFECTOR	80S	20S	60S	80S	90S	70S	60S	100S	100S	70.0