

**Annexure 7 : Adult plant response of AVT II nd year, 1st year and NIVT material against Leaf rust (south) under field conditions (artificial inoculations) during 2014-15**

S.No.	Variety	Pune	Indore	Jumagah	Niphad	Pawarkheda	Wellington	Mahabaleshwar	HS	ACI
<b>AVT II</b>										
<b>I. NORTHERN HILL ZONE</b>										
1	HS 562	30MS	0	0	10S	10MS	20S	60S	60S	17.4
2	HPW 251 (C)	20MR	0	5MS	TMR	5MR	5MR	5MR	20MR	2.6
3	HPW 349 (C)	20MR	0	0	5MS	TR	20S	20S	20S	7.5
4	HS 375 (C)	10MR	0	5S	10MS	10MS	20S	30S	30S	10.7
5	HS 490 (C)	5MR	0	0	0	10MS	5MS	20MR	10MS	3.1
6	HS 507 (C)	0	0	TS	0	15MR	0	TMR	15MR	1.1
7	HS 542 (C)	TR	0	0	0	10MR	0	5S	5S	1.3
8	VL 804 (C)	10MR	0	TS	5MR	15MS	0	5S	15MS	3.4
9	VL 829 (C)	5MR	0	TS	5MR	0	20S	20S	20S	6.4
10	VL 892 (C)	5MR	0	5S	5MR	10MS	20S	20S	20S	8.1
11	VL 907 (C)	0	0	0	0	15MR	5S	10MR	15MR	2.1
<b>II. NORTH WESTERN PLAIN ZONE</b>										
12	HD 4730	10MR	0	TS	0	5MR	0	20MR	20MR	2.1
13	MP 1277	5MR	0	0	0	0	5S	10S	10S	2.4
14	WH 1164	10S	0	0	10MS	0	20S	40S	40S	11.1
15	DBW 88 (C)	20S	0	TS	0	10MR	0	20S	20S	6.4
16	DBW 90 (C)	TR	0	0	5MR	10MS	10S	20S	20S	5.7
17	DPW 621-50 (C)	5MR	0	0	0	10MR	5S	10MR	5S	2.1
18	HD 2967 (C)	5MR	0	TR	10MS	10MS	0	10MR	10MS	3.2
19	HD 3043 (C)	TR	0	TS	10MS	5MR	20S	20S	20S	7.3
20	HD 3059 (C)	10MR	0	0	5MS	10MS	5S	20S	20S	5.9
20. A	INFECTOR	80S	100S	80S	80S	80S	20S	60S	100S	71.4
21	HD 3086 (C)	10MR	0	0	5MR	10MR	10S	10MR	10S	3.4
22	PBW 644 (C)	20S	0	0	10MR	10MS	0	20MS	20S	6.9
23	PDW 233 (C)	10MR	0	TS	TMR	15MS	20S	20MS	20S	7.6
24	PDW 291 (C)	5MR	0	0	0	15MS	5MR	10MR	15MS	2.9
25	PDW 314 (C)	5MR	0	0	0	TR	5S	5MR	5S	1.3
26	WH 1021 (C)	5MR	0	5S	0	15MR	0	5MR	15MR	2.1
27	WH 1080 (C)	5MR	0	TS	0	10MS	5MR	0	10MS	1.9
28	WH 1105 (C)	20S	0	5S	TMR	5MS	-	20MR	20S	6.2
29	WH 1124 (C)	20S	0	TR	TMR	10MS	10S	10S	20S	6.9
30	WH 1142 (I) C	30MS	0	5S	20S	10MR	20S	20S	30MS	13.3
<b>III. NORTH EASTERN PLAIN ZONE</b>										
31	C 306 (C)	20S	10S	0	0	40MS	5S	0	40MS	9.6
32	HD 2888 (C)	0	0	0	0	15MS	0	10MR	15MS	2.3
33	K 8027 (C)	5S	30S	5S	20MS	30MS	20S	40S	40S	20.0
<b>IV. CENTRAL ZONE</b>										
34	HD 4728 (d)	5MR	0	5S	0	TR	0	0	5S	1.0
35	HD 4730 (d)	5MR	0	TS	TMR	10MS	0	10S	10S	3.1
36	GW 322 (C)	10MR	0	TR	10MS	15MS	20S	20S	20S	9.2
37	HD 2864 (C)	0	0	10S	0	15MR	0	5MR	10S	2.6
38	HD 2932 (C)	20MR	10S	5S	5MR	15MS	20S	40S	40S	13.9
39	HI 1544 (C)	5MR	0	0	TMR	5MR	0	0	5MR	0.6
40	HI 8498 (D) (C)	5MR	0	5S	TMR	10MR	0	5S	5S	2.3
40. A	INFECTOR	90S	100S	80S	80S	20S	20S	60S	100S	64.3
41	HI 8737 (D)(I) (C)	5MR	0	5S	5MR	0	5MR	0	5S	1.6
42	MP 3336 (C)	10MR	TS	5S	15MS	TR	5S	40S	40S	9.6
43	MP 4010 (C)	TR	0	5S	TMR	10MS	0	0	10MS	1.9
44	MPO 1215 (d) (C)	10MR	0	TR	0	0	0	10MR	10MR	1.2
<b>V. PENINSULAR ZONE</b>										
45	MACS 3927 (d)	10MR	10MS	5MR	20MS	5MR	0	30MR	20MS	6.3
46	NIAW 2030	TR	0	0	TMS	TR	5S	10MR	5S	1.5
47	AKDW 2997-16(d) (C)	20MR	5MS	5S	0	0	0	40S	40S	8.1
48	DBW 93 (I) (C)	5MR	0	5S	TMR	0	5S	40S	40S	7.5

S.No.	Variety	Pune	Indore	Junagadh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
49	MACS 6222 (C)	0	0	TR	0	10MS	0	20S	20S	4.0
50	MACS 6478 (C)	5MR	0	5S	5MS	10MR	5S	40S	40S	8.6
51	NI 5439 (C)	60S	30S	20S	30S	40S	40S	40S	60S	37.1
52	NIAW 1415 (C)	TR	0	0	0	TR	5S	10S	10S	2.2
53	UAS 347 (I) (C)	20MR	0	10S	10MR	0	5S	60S	60S	12.4
54	UAS 428 (d) (C)	10MR	5MS	10S	TMR	0	20S	40S	40S	11.2
55	UAS 446 (d) (I) (C)	10MR	0	10S	0	TR	5S	5MR	10S	3.0
VII. SPECIAL TRIAL										
56	(HD 2932 + Lr 19/Sr25)	TR	5MR	5S	TMR	0	5MR	TMR	5S	1.4
57	MMBL 283	30S	0	5S	15MS	5MR	20S	50S	50S	17.0
58	PBW 723	0	0	TS	0	10MS	0	5MR	10MS	1.6
59	DBW 14 (C)	10S	0	TS	TMR	15MR	20S	30S	30S	9.6
60	DDK 1029 (C)	20MR	0	0	0	0	0	5MR	20MR	1.4
60. A	INFECTOR	90S	100S	80S	80S	60S	60S	60S	100S	75.7
61	HD 2985 (C)	30S	0	5S	15MS	TR	40S	40S	40S	18.2
62	HI 1563 (C)	TR	0	TS	0	0	0	TR	TS	0.2
63	HUW 234 (C)	60S	TS	15S	30S	20MS	20S	40S	60S	26.0
64	HW 1098 (C)	10MR	0	0	10MS	0	0	10MR	10MS	2.3
65	K 0307 (C)	20S	0	5S	10MS	5MR	20S	60S	60S	16.4
66	Kharchia 65 (C)	80S	60S	25S	80S	TR	20S	60S	80S	46.5
67	KRL 19 (C)	20S	0	TR	0	TR	20S	40S	40S	11.5
68	KRL 210 (C)	10S	0	15S	5MS	10MS	10S	20S	20S	9.6
69	PBW 343 (C)	30S	0	15S	20MS	15MS	40S	40S	40S	21.9
70	Raj 4083 (C)	10MR	0	TS	5MR	TR	5S	40S	40S	7.5
71	TL 2942 (C)	0	0	TMR	0	0	0	TR	TMR	0.1
72	TL 2969 (C)	0	0	5S	0	0	0	TR	5S	0.7
73	WH 542 (C)	20MR	0	TR	5MR	10MS	20S	40S	40S	11.2
73. A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7
AVT Ist										
I. NORTHERN HILL ZONE										
1	HPW 393	10MR	0	15S	TMR	5MS	5S	10MR	15S	4.6
2	HPW 394	5MR	0	TMR	TMR	0	20S	10MR	20S	3.8
3	HPW 413	10MR	5S	TS	10MS	5MS	20S	60S	60S	14.6
4	HPW 421	20MS	10MS	TR	15MS	10MS	20S	40S	40S	14.9
5	HPW 422	20MR	0	TMR	5MR	TR	20S	30S	30S	8.7
6	HS 580	20MR	0	TMR	10MS	5MR	20S	30S	30S	9.8
7	HS 583	0	5MR	10S	TMR	0	5S	0	10S	2.5
8	HS 590	20MS	0	TR	TMS	0	5S	5MR	20MS	3.4
9	HS 596	5MR	0	5S	0	5MS	10S	20S	20S	5.9
10	HS 597	20S	0	10S	0	0	20S	10S	20S	8.6
11	HS 598	30MS	0	10MR	0	10MR	20S	TMR	30MS	7.5
12	HS 599	10MR	0	TS	TMR	5MS	20S	20MR	20S	5.3
13	HS 600	TR	0	10S	0	0	5S	0	10S	2.2
14	HS 601	20S	0	5S	5MS	10MS	40S	40S	40S	16.7
15	UP 2917	0	0	TS	0	0	5S	0	5S	0.9
16	UP 2918	20MR	0	TR	10MS	TR	20S	10S	20S	6.6
17	VL 1005	10MR	0	TMR	0	15MS	5S	20S	20S	5.9
18	VL 1006	20MR	0	0	5MR	TR	40S	40S	40S	12.9
19	VL 1007	30S	0	10S	10MS	20MS	20S	20S	30S	14.9
20	VL 3002	20S	0	TMR	5MR	10MR	10S	20S	20S	8.1
20. A	INFECTOR	90S	100S	80S	80S	80S	60S	60S	100S	78.6
21	VL 3007	20S	0	0	5MR	5MS	20S	10MR	20S	7.1
22	VL 3008	0	0	TS	0	TR	0	0	TS	0.2
23	VL 3009	10S	0	10S	0	10MS	20S	10S	20S	8.3
24	VL 4001	0	0	0	0	15MS	0	TR	15MS	1.7
II. NORTH WESTERN PLAIN ZONE										
25	DBW 147	TR	0	5S	0	0	0	0	5S	0.7
26	DBW 148	20S	TMR	10S	15MS	0	40S	10S	40S	13.2

S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
27	DBW 150	5S	0	5S	0	TR	0	0	5S	1.5
28	DDW 31	5MR	0	5MR	TMR	TR	5S	10MR	5S	1.9
29	DDW 32	20MS	TR	5S	TMR	0	5S	20MR	20MS	4.9
30	HD 3159	20MR	TS	5S	5MR	0	20S	20S	20S	8.0
31	HD 3165	10MR	0	10S	0	5MS	10S	0	10S	4.0
32	HD 3174	5MR	0	TR	TMR	15MS	10S	0	15MS	3.5
33	HI 1604	30S	0	TMR	20MS	15MS	20S	20S	30S	14.1
34	HI 1605	20S	0	10S	15MR	TR	5S	TR	20S	5.9
35	HUW 688	0	0	10S	0	15MS	5S	0	15MS	3.9
36	K 1312	0	0	5S	0	TR	5S	10S	10S	2.9
37	K 1313	0	0	TS	TMR	10MS	5S	0	10MS	2.1
38	K 1314	5MR	0	5S	0	5MS	-	0	5S	1.8
39	MACS 3949	5MR	0	TR	TMR	TR	5S	20MR	20MR	2.3
40	MACS 4024	5MR	0	TR	0	0	0	0	5MR	0.3
40. A	INFECTOR	90S	100S	80S	80S	70S	80S	60S	100S	80.0
41	NW 6024	-	-	-	-	-	-	-	-	-
42	PBW 707	30S	TS	10S	30S	10MS	20S	40S	40S	19.9
43	PBW 709	10S	0	5S	5MS	0	20S	10MR	20S	6.1
44	PBW 716	20MR	0	TS	0	5MS	5S	0	20MR	2.6
45	PBW 718	5MR	0	TS	0	0	10MS	0	10MS	1.6
46	PBW 719	0	0	0	0	10S	0	0	10S	1.4
47	UP 2883	5MR	0	TS	0	15MS	20S	20S	20S	7.9
48	WH 1179	20MS	0	5S	30S	10MS	40S	40S	40S	19.9
III. NORTH EASTERN PLAIN ZONE										
49	HD 3171	20MR	0	5S	10MR	0	10S	10S	10S	5.3
50	K 1317	10MR	0	TR	5MR	10MS	20S	20S	20S	7.7
IV. CENTRAL ZONE										
51	CG 1015	20S	0	5S	20MS	TR	20S	40S	40S	14.5
52	GW 463	20S	TS	TMR	TMR	10MS	0	5S	20S	5.0
53	HI 8759 (d)	5MR	5S	TS	TMR	0	5MR	TMR	5S	1.5
V. PENINSULAR ZONE										
54	GW 1315 (d)	20MR	5MR	TS	0	TR	0	10MR	20MR	2.2
55	HD 3164	10MR	0	5S	0	0	0	0	5S	1.3
56	HI 8765 (d)	10MR	0	TR	0	0	5S	10MR	5S	1.9
57	JWS 712	5MR	0	TR	0	10MS	0	10MR	10MS	2.0
58	K 1315	0	0	5S	0	10MR	0	0	5S	1.3
59	MACS 3970 (d)	10MR	20MS	0	0	5MR	10S	0	20MS	4.6
60	MACS 3972 (d)	5MR	TMS	0	0	10MS	0	5S	10MS	2.3
60. A	INFECTOR	90S	100S	80S	80S	80S	60S	60S	100S	78.6
61	MACS 4020 (d)	20MR	5S	5S	5MS	TR	5S	5S	20MR	4.6
62	PBW 721	10MR	0	5S	TMR	0	0	0	5S	1.3
63	UAS 360	20S	0	TMR	15MS	20MR	20S	20S	20S	11.5
64	UAS 361	30S	0	0	15MS	TR	40S	20S	40S	14.6
65	UAS 453 (d)	5MR	0	5S	0	TR	5MS	10MR	5S	2.2
66	UAS 455 (d)	5MR	5MS	0	0	TR	5S	5S	5S	2.3
VI. SPECIAL TRIAL (Dicocum and Sailability and Alkalinity)										
67	DBW 181	10MR	0	0	0	20MS	0	0	20MS	2.9
68	DBW 182	5MR	0	TS	0	10MR	0	0	10MR	1.0
69	DBW 183	20MR	0	5S	5MR	15MS	20S	10MR	20S	7.3
70	DBW 184	20MR	0	10S	5MS	10MR	20S	20S	20S	9.4
71	DBW 185	30S	0	5S	40S	5MS	20S	60S	60S	22.7
72	DDK 1048	10MR	0	0	0	0	5S	0	5S	1.3
73	DDK 1049	10MR	0	0	0	0	0	0	10MR	0.6
74	KRL 350	TR	0	TS	0	TR	0	TR	TS	0.2
75	KRL 351	5MR	0	5S	5MS	10MS	0	0	10MS	2.7
76	MACS 5041	10MR	0	0	0	5MS	0	0	5MS	1.1
77	MACS 5043	20MR	0	0	0	TR	0	0	20MR	1.2
78	WH 1309	10MR	0	10S	TMR	0	0	0	10S	2.1

S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
VII. SPECIAL TRIAL (TRITICALE)										
79	TL 3001	TR	0	10S	0	5MR	0	0	10S	1.7
80	TL 3002	0	0	5S	0	0	0	0	5S	0.7
80. A	INFECTOR	90S	100S	80S	80S	60S	60S	60S	100S	75.7
81	TL 3003	0	0	0	0	0	0	0	0.0	0.0
82	TL 3004	0	0	5S	0	0	5MR	0	5S	1.0
83	TL 3005	5MR	0	TS	0	TR	0	0	5MR	0.5
VIII. SPECIAL TRIAL (MABB/NIL (KB) ENTRIES)										
84	DWR-NIL-01	30MS	20S	10S	20MS	10MS	40S	20S	40S	19.7
85	DWR-NIL-02	20S	0	0	15MS	0	40S	30S	40S	14.6
86	HD 3209	0	15MS	5S	TMR	10MS	0	TR	15MS	3.7
87	KB 2012-13	5S	0	15S	15MS	10MS	20S	40S	40S	14.3
IX. SPECIAL TRIAL (Wheat Biofortification)										
88	HPBW 01	30S	0	TS	TMR	10MR	0	TR	30S	5.1
89	HPBW 02	30S	0	10S	5MS	0	5S	TR	30S	7.0
90	HPBW 05	30MS	0	TMR	10MS	10MS	5S	0	30MS	6.5
91	HPBW 07	20S	0	5S	10MS	15MS	40S	5S	40S	12.9
92	HPBW 08	0	0	5S	0	15MS	0	0	15MS	2.4
93	HPBW 09	0	0	0	0	TR	0	TR	TR	0.1
94	HUW 695	20S	0	10S	TMR	0	5S	0	20S	5.1
95	HUW 711	30X	0	15S	10MS	TR	10S	10S	30X	8.7
96	HUW 712	30S	0	TS	5MR	10MS	0	20S	30S	8.7
97	MACS 6507	20S	0	5S	TMR	20MS	20S	30S	30S	13.1
98	WB 1	20S	0	0	0	10MS	0	10MR	20S	4.6
99	WB 2	20S	0	0	0	10MS	0	5MR	20S	4.3
100	WB 5	10MR	0	0	0	15MS	0	TR	15MS	2.3
100. A	INFECTOR	90S	100S	80S	80S	70S	20S	60S	100S	71.4
<b>NIVT 1A</b>										
1	WH 1182	0	0	5S	15MS	10MS	10S	0	15MS	5.0
2	HD 2733 (C)	20MR	0	5S	20MS	10MS	40S	20MR	40S	12.1
3	DBW 158	5MR	0	TS	TMR	20MS	10S	10MS	20MS	5.3
4	BRW 3762	0	0	TS	TMR	10MS	0	TR	10MS	1.4
5	HUW 701	5MR	0	TMR	0	15MS	40S	30S	40S	12.1
6	PBW 724	5MR	0	5S	0	10MS	5MR	TS	10MS	2.6
7	HD 3186	20S	0	5S	TMR	10MS	5MR	10MR	20S	5.6
8	HD 3180	10MR	0	TS	0	15MR	10S	0	10S	3.0
9	UP 2901	0	0	0	5MS	TR	5MR	0	5MS	0.9
10	JAUW 635	0	0	TS	0	20MS	5MR	TR	20MS	2.7
11	WH 1186	0	0	0	TMR	TR	5S	0	5S	0.8
12	DBW 159	0	0	0	0	10MS	10S	30S	30S	6.9
13	DBW 156	0	0	0	0	10MR	5MR	30S	30S	5.1
14	HS 602	5MR	0	0	5MS	10MS	20S	30S	30S	9.1
15	K 1401	5MR	0	0	TMR	10MS	10S	30S	30S	7.2
16	PBW 725	0	0	TS	TMR	20MS	0	0	20MS	2.5
17	WH 1184	5MR	0	10S	5MR	0	20S	0	20S	4.9
18	Raj 4418	0	0	5S	0	TR	40S	TR	40S*	6.5
19	K 1402	20S	0	0	0	TR	20S	0	20S	5.7
20	HD 3182	0	0	5S	0	10MR	10MS	TMR	10MS	2.5
20. A	INFECTOR	90S	100S	80S	80S	80S	60S	60S	100S	78.6
21	JKW 205	0	0	5S	0	TR	0	TR	5S	0.8
22	PBW 727	0	0	5S	TMS	10MS	0	TR	10MS	2.0
23	NW 6047	0	0	TS	10MS	15MS	TR	0	15MS	3.0
24	PBW 726	0	0	TS	0	20MS	0	0	20MS	2.4
25	WH 1183	0	0	5S	TMS	TR	10S	30S	30S	6.6
26	UP 2904	20S	0	5S	15S	15MS	60S	60S	60S	24.6
27	DBW 160	TR	0	TR	0	20MS	10S	TMR	20MS	3.8
28	DBW 162	TR	0	5S	TMS	20MS	10S	10MR	20MS	5.1
29	BRW 3763	0	0	10S	10MS	TR	5S	10MR	10S	3.9

S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
30	UP 2903	0	0	5S	5MR	5MR	10S	10S	10S	4.1
31	Mahyco-Goal	TR	0	0	0	10MS	5S	TMR	10MS	1.9
32	DBW 161	5S	0	0	5MS	TR	20S	40S	40S	9.9
33	HD 3181	5MR	0	0	TMS	20MS	10MS	TR	20MS	3.9
34	DBW 157	0	0	0	10S	TR	0	0	10S	1.5
35	HD 3184	TS	0	0	5MS	20MR	0	TR	20MR	1.9
36	NW 6050	10S	0	TS	10MR	10MS	10MS	40S	40S	10.1
37	HD 3183	5MR	0	0	15MS	TR	10S	0	15MS	3.5
38	PBW 728	20S	0	0	15MS	20MR	40S	80S	80S	22.9
39	Raj 4421	20MR	0	0	0	5MS	0	10MS	10MS	2.9
40	Raj 4419	0	0	0	0	10MS	0	TMR	10MS	1.2
40. A	INFECTOR	90S	100S	80S	80S	80S	60S	60S	100S	78.6
41	HUW 702	0	0	0	0	10MS	0	0	10MS	1.1
42	UP 2905	0	0	0	0	TR	10S	20S	20S	4.3
43	UP 2902	0	0	0	0	TR	5S	5S	5S	1.5
44	HD 3185	0	0	10S	0	10S	0	TMR	10S	2.9
45	WH 1185	20MR	0	TS	TMR	0	10S	10S	10S	4.2
46	Raj 4417	0	0	0	0	10MS	0	TR	10MS	1.2
<b>NIVT 1B</b>										
47	Raj 4422	5MR	10MS	0	TMS	0	10MS	10MR	10MS	3.3
48	K 1404	0	0	0	0	10MR	0	0	10MR	0.6
49	NW 6056	0	0	TMR	0	15MS	0	0	15MS	1.8
50	NW 6048	0	0	0	0	20MS	0	0	20MS	2.3
51	K 1406	40S	0	5S	40S	15MS	0	60S	60S	22.4
52	DBW 166	20S	0	0	0	TR	0	TR	20S	2.9
53	HUW 705	5MR	0	TS	TMS	15MS	5S	0	15MS	3.0
54	PBW 729	10S	0	TR	15MS	15MS	10S	10MR	15MS	6.9
55	Raj 4423	0	0	TS	TMR	TR	20S	30S	30S	7.4
56	DBW 165	20MR	0	10S	10MR	10MS	5S	0	10S	5.0
57	HD 3188	0	0	TS	TMR	10MS	0	TR	10MS	1.4
58	BRW 3759	5MR	0	TS	5MS	15MS	5MR	30S	30S	7.3
59	WH 1187	TR	0	TS	0	TR	0	0	TS	0.2
60	K 1405	5MR	0	0	0	20MS	0	0	20MS	2.6
60. A	INFECTOR	90S	100S	80S	80S	80S	40S	80S	100S	78.6
61	HUW 706	5MR	0	0	0	15MS	5MR	0	15MS	2.3
62	NW 6052	20S	0	TS	15S	15MS	40S	40S	40S	18.3
63	WH 1189	20S	0	TS	TMS	10MS	10S	10MR	20S	6.3
64	K 1408	0	0	0	0	10MS	0	0	10MS	1.1
65	HD 3191	0	0	TS	0	0	5S	0	5S	0.9
66	HD 3193	10S	0	5S	5MS	15MS	5S	20S	20S	8.0
67	HD 3192	20MR	0	5S	10MS	TR	10S	10MR	10S	5.0
68	Raj 4415	0	TMR	0	10MS	TR	20S	40S	40S	9.8
69	HUW 703	30S	0	TS	10MS	TR	40S	0	40S	11.3
70	JKW 208	30S	0	TS	TMR	10MS	0	10MR	30S	6.2
71	HD 3194	5MR	0	0	TMS	20MS	5S	5MR	20MS	3.7
72	WH 1188	20MR	0	TS	10MS	10MS	20S	40S	40S	12.1
73	HD 3187	20S	0	TS	30S	10MS	40S	40S	40S	19.9
74	K 1407	20S	0	5S	15MS	0	20S	20S	20S	11.0
75	HUW 704	20MR	0	5S	20MS	10S	10S	0	20MS	7.0
76	BRW 3767	5MR	0	TS	0	20MR	0	TS	20MR	1.7
77	BRW 3765	30S	0	TS	20MS	10MS	40S	10S	40S	15.0
78	HUW 707	0	0	0	0	20MS	5S	0	20MS	3.0
79	PBW 730	0	0	0	10MR	TR	5S	0	5S	1.3
80	JKW 207	10MR	0	10S	20MS	10MR	40S	30S	40S	14.9
80. A	INFECTOR	90S	100S	80S	80S	90S	40S	80S	100S	80.0
81	HD 3190	20S	0	0	0	10MS	20S	10S	20S	8.3
82	DBW 164	20S	20S	0	15S	15MR	60S	40S	60S	23.0
83	UP 2907	TR	20S	TS	5MR	20MS	0	0	20S	5.6

S.No.	Variety	Pune	Indore	Junagadh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
84	PBW 731	TR	0	TS	5MR	10MS	0	TR	10MS	1.6
85	HD 3189	20S	5MS	TMS	5MS	15MR	5S	5S	20S	6.4
86	UP 2906	20MR	0	0	15MS	TR	40S	20S	40S	11.5
87	DBW 167	TR	0	5S	TMS	10S	5S	0	10S	3.0
88	UP 2908	10MR	10S	0	0	TR	20S	40S	40S	10.6
89	NW 6054	30S	0	TS	20S	10MR	20S	20S	30S	13.6
90	NW 6049	30S	5MS	0	40S	10S	40S	40S	40S	23.4
91	DBW 163	10MR	0	0	0	0	0	30S	30S	4.9
<b>NIVT 2</b>										
92	DBW 170	20MR	0	0	0	TR	10S	0	10S	2.6
93	DBW 169	5MR	0	5S	0	TR	0	TMR	5S	1.1
94	UAS 372	20MR	0	TS	20S	20MR	40S	5S	40S	11.7
95	HI 1610	10MR	0	TS	15MS	10MS	20S	40S	40S	12.1
96	UP 2909	20MR	0	0	TMR	20MS	60S	40S	60S	17.8
97	HI 1608	5MR	TMR	0	0	30MS	0	0	30MS	3.8
98	GW 468	5MR	0	0	0	10MS	0	0	10MS	1.4
99	JWS 147	0	0	0	TMR	10MR	0	TMR	10MR	0.7
100	MACS 6671	0	0	TS	0	15MS	0	0	15MS	1.9
100. A	INFECTOR	90S	100S	80S	80S	90S	60S	60S	100S	80.0
101	DBW 168	0	0	TR	TMR	15S	5S	20S	20S	5.8
102	MP 1309	40S	40S	TR	20MS	15MR	60S	60S	60S	31.7
103	HI 1607	5MR	0	TS	5MS	TR	5S	5MR	5S	2.0
104	Raj 4424	0	0	0	0	10S	0	0	10S	1.4
105	UAS 370	10MR	0	0	10MS	15MS	20S	20S	20S	9.1
106	WH 1190	5MR	0	5S	5MR	15MS	20S	10S	20S	7.3
107	HI 1609	0	0	5MS	5S	10MS	5S	5S	10MS	3.9
108	HP 1960	0	0	5MR	0	TR	0	10S	10S	1.7
109	MP 1310	30S	0	0	10MR	10MR	20S	30S	30S	12.6
110	RVW 4232	5MR	0	0	15MS	TR	40S	0	40S	7.7
111	UAS 369	40S	0	0	5MS	10MR	40S	20S	40S	15.4
112	MP 3440	20MR	0	0	TMR	15MS	0	0	15MS	2.9
113	NIAW 2595	20S	0	0	15MS	20MS	20S	80S	80S	21.1
114	NIAW 2495	0	0	0	0	10MS	40S	5MR	40S	7.1
115	GW 473	0	0	0	0	TR	5MR	0	5MR	0.3
116	AKAW 4798	TR	0	0	TMR	10MR	20S	5MR	20S	3.8
117	UAS 371	5MR	0	0	0	10S	0	0	10S	1.7
118	MACS 6668	0	0	0	0	15S	0	0	15S	2.1
119	GW 471	0	0	0	0	10MR	0	0	10MR	0.6
120	MP 1311	20S	0	0	30S	20MR	40S	60S	60S	22.6
120. A	INFECTOR	90S	100S	80S	80S	70S	60S	60S	100S	77.1
121	NIAW 2539	0	0	TS	15MS	10S	0	0	15MS	3.3
122	PBW 732	0	0	5S	0	15MS	0	TR	15MS	2.5
123	GW 469	10S	0	0	0	15MS	0	0	15MS	3.1
124	GW 470	10S	0	TS	20S	10MR	0	0	20S	5.0
125	CG 1016	10S	0	0	20S	20S	20S	40S	40S	15.7
<b>NIVT - 3A</b>										
126	HD 3199	5S	0	0	15MS	TR	5S	40S	40S	8.9
127	WH 1191	5MR	0	0	TMR	10MR	5MR	0	10MR	1.2
128	NW 6066	5MR	0	0	10MR	10MS	10MR	20MR	10MS	3.7
129	HUW 710	TR	0	5S	10MR	15MS	20S	0	20S	5.9
130	NW 6044	0	0	5S	0	10MS	0	0	10MS	1.9
131	MP 1316	0	0	0	0	TR	0	5MR	5MR	0.3
132	HP 1961	40S	10MS	TR	80S	TR	20S	0	80S	21.2
133	HD 3197	20S	0	TS	0	10MR	0	0	20S	3.6
134	HUW 709	40S	0	TMR	20MS	15MS	40S	TR	40S	15.5
135	RAJ 4429	0	0	10S	0	TR	0	0	10S	1.5
136	HD 3198	20S	0	TR	5MR	10MR	20S	20S	20S	9.5
137	DBW 172	5MR	0	TS	20MS	10MS	0	0	20MS	3.9

S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
138	DBW 171	0	0	5S	TMR	20MR	10MR	0	20MR	2.5
139	UP 2913	20MR	20S	5S	TMR	TR	TR	TR	20S	4.9
140	K 1412	0	0	TS	0	10MR	10S	0	10S	2.1
140. A	INFECTOR	90S	100S	80S	80S	70S	40S	80S	100S	77.1
141	WH 1192	5MR	0	TS	0	0	5MR	TMR	5MR	0.8
142	UP 2910	5S	0	TMS	0	TR	40S	20S	40S	9.4
143	PBW 735	10S	0	TR	0	TR	5MR	0	10S	1.8
144	HUW 708	5S	0	TR	0	5MS	0	0	5S	1.3
145	HD 3200	0	0	TS	0	10MS	10S	0	10S	2.7
146	WH 1193	0	0	TS	TMR	TR	0	0	TS	0.2
147	K 1413	20MR	0	0	TMR	15MS	5MR	0	15MS	3.2
148	PBW 736	0	0	0	TMR	20MR	20S	0	20S	4.1
149	DBW 173	20MR	0	0	0	TR	0	TR	20MR	1.2
150	DBW 174	20MR	0	TS	0	15MS	0	0	15MS	3.0
151	UP 2911	20S	0	TS	5MS	20MR	5S	20S	20S	8.3
152	PBW 734	5MR	0	TS	0	TR	5S	TR	5S	1.2
153	K 1414	5MR	0	TS	0	5MS	0	0	5MS	1.0
154	PBW 733	0	0	TR	5MR	TR	5S	5MR	5S	1.3
155	JKW 206	20S	0	TMS	5MR	5MR	20S	40S	40S	12.1
156	HD 3201	20MR	0	TR	TMR	15MR	0	0	20MR	2.1
157	RAJ 4428	10MR	0	TS	0	10MS	0	5S	10MS	2.6
<b>NIVT 3B</b>										
158	CG 1019	20S	0	TS	5MR	15MS	5S	10S	20S	7.1
159	MP 3436	5MR	0	0	TMR	TR	0	TR	5MR	0.4
160	MP 3433	5MR	0	TS	15MS	TR	20S	10MR	20S	5.6
160. A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7
161	GW 477	5MR	TMS	TR	0	10MS	0	0	10MS	1.6
162	MACS 6669	10MR	0	5S	10MS	15MS	10S	10MR	15MS	6.1
163	UAS 371	5MR	0	5S	0	20MS	0	0	20MS	3.3
164	UAS 373	TR	0	TS	TMR	TR	20S	0	20S	3.1
165	HI 1611	TR	0	TR	5MS	TR	20S	10S	20S	4.9
166	MACS 6635	20S	0	5S	20MS	15MS	40S	10MR	40S	13.9
167	GW 475	20S	0	TS	15MS	15MS	0	5MS	20S	7.0
168	AKAW 4842	5MR	20MS	TS	0	TR	0	TR	20MS	2.8
169	RVW 4235	0	0	TR	0	10S	5MR	TR	10S	1.8
170	DBW 175	20MR	0	10S	TMR	10S	20S	20MR	20S	8.1
171	MP 1313	30S	60S	5S	20S	5MR	60S	40S	60S	31.0
172	MP 1312	5S	0	TS	0	10MS	5MR	TR	10MS	2.3
173	WH 1195	5MR	0	TMR	TMR	20MS	0	TR	20MS	2.7
174	NIAW 34 (C)	20S	0	TS	TMR	TR	0	0	20S	3.1
175	DBW 176	0	5S	5S	0	TR	10MS	0	10MS	2.6
176	NIAW 2613	5MR	0	5S	5MR	10S	0	0	10S	2.7
177	RAJ 4427	0	0	10S	TMR	5MR	10MS	TMR	10S	3.0
178	PBW 743	20S	0	5S	0	10MS	5S	10MR	20S	6.0
179	WH 1194	10S	0	TS	10MS	10MS	20S	0	20S	6.7
180	PBW 739	0	0	0	0	15MS	0	0	15MS	1.7
180. A	INFECTOR	90S	100S	80S	80S	70S	40S	80S	100S	77.1
181	HI 8767	5MR	0	0	0	15MS	0	0	15MS	2.0
182	HW 3906	5MR	0	TS	0	TR	5MR	0	5MR	0.7
183	NIAW 2565	0	0	TS	TMR	10MR	TMR	0	10MR	0.8
184	CG 1017	0	5MS	TS	0	TR	5MR	0	5MS	1.0
185	GW 478	TR	0	TS	0	5MS	0	TR	5MS	0.8
186	GW 474	5MR	0	TR	0	TR	10S	20MR	10S	2.9
187	UP 2912	10MR	0	TR	0	10MS	10S	20MR	10S	4.3
188	DBW 177	0	0	TS	0	15MS	0	0	15MS	1.9
189	HD 3206	0	0	TS	0	TR	10MS	TR	10MS	1.3
190	RAJ 4426	0	10MS	5S	0	TR	0	TR	10MS	1.9
<b>NIVT - 4</b>										

S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
191	MACS 4035	20S	0	20S	TMR	0	0	20MR	20S	6.9
192	UAS 456	5MR	0	TS	0	TR	0	0	5MR	0.5
193	UAS 457	5MR	0	TMS	TMR	5MS	0	0	5MS	1.0
194	MPO 1314	5MR	0	TS	0	TR	0	0	5MR	0.5
195	GW 1318	5MR	0	0	TMS	10MS	0	10MR	10MS	2.1
196	RKD 291	5MR	0	5S	20MS	15MS	0	5MR	20MS	5.3
197	DDW 36	0	10MS	TS	0	TR	10MS	10MR	10MS	3.0
198	PDW 343	0	10MS	TR	TMR	10MS	10MS	5MR	10MS	3.8
199	MACS 3973	0	TMS	5S	TMR	10MR	0	10MR	5S	2.0
200	WHD 957	5MR	5MS	TS	TMR	TR	5MR	0	5MS	1.4
200. A	INFECTOR	90S	100S	80S	80S	70S	40S	60S	100S	74.3
201	NIDW 295 (C)	5MR	TMS	TR	0	TR	0	0	5MR	0.5
202	PDW 345	5MR	10MS	5S	5MR	0	0	10MR	10MS	3.0
203	NIDW 950	0	TS	5S	0	TR	0	0	5S	0.9
204	GW 1321	0	TMS	5S	0	0	0	10MR	5S	1.4
205	HI 8772	5MR	0	TR	0	10MR	0	0	10MR	0.9
206	GW 1319	10MR	5MS	TR	0	TR	10MS	10MR	10MS	2.9
207	GW 1320	5MR	5S	TR	0	10S	0	10MR	10S	3.0
208	UPD 97	0	5S	TR	TMR	15MS	0	TR	15MS	2.5
209	PBND 5175	0	5S	TR	TMR	10MR	0	20MR	20MR	2.5
210	HI 8770	TR	0	TS	0	0	0	TR	TS	0.2
211	PDW 346	5MR	5S	TR	0	TR	0	TR	5S	1.1
212	HI 8771	0	0	TS	0	TR	0	0	TS	0.2
213	DDW 35	10MR	10S	5S	0	10MR	10MR	10MR	10S	4.4
214	RKD 282	0	0	TS	0	15MS	10MR	0	15MS	2.4
215	HI 8768	0	0	TS	0	20MS	5MR	0	20MS	2.7
216	HI 8769	5MR	0	TS	0	TR	5S	TR	5S	1.2
217	HI 8773	5MR	0	TMS	0	TR	0	0	5MR	0.4
218	PDW 344	0	10S	TS	0	10MR	0	0	10S	2.1
219	WHD 958	5MR	10MS	TR	0	5MS	10MS	0	10MS	3.2
220	HI 8774	TR	TMS	TR	0	5MS	0	TR	5MS	0.8
220. A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7
221	MPO 1315	TR	0	TR	0	10MS	10MS	TR	10MS	2.4
222	AKDW 4525	5MR	10S	TR	0	10MR	5MR	0	10S	2.6
223	MACS 4029	20MR	5MS	TS	5MR	0	5MR	0	20MR	2.4
224	NIDW 989	20MR	0	TS	5MR	TR	5MR	TMR	20MR	1.9
<b>NIVT - 5A</b>										
225	MACS 6660	20MR	5MS	TS	TMR	TR	20S	30MR	20S	6.5
226	HD 3204	10S	0	TS	5MR	20MR	10S	20MR	10S	5.6
227	UP 2914	10MR	10S	TR	15MS	15MS	40S	20MR	40S	12.3
228	WH 1181	0	0	TR	5MS	TR	40S	20S	40S	9.2
229	MP 3429	0	0	TS	TMR	15MR	0	0	15MR	1.1
230	AKAW 3891	30S	30S	TR	20S	20MS	40S	80S	80S	30.9
231	NW 6046	10S	20S	TS	0	TR	10MS	0	20S	5.6
232	JWS 146	0	0	TR	0	20MS	10MS	TR	20MS	3.5
233	BRW 3761	30S	20S	TR	30S	10MR	40S	80S	80S	29.2
234	K 1415	0	0	TS	0	10MR	0	0	10MR	0.7
235	MP 1304	0	0	TS	0	20MS	0	TR	20MS	2.5
236	MP 3288 (C)	0	10MS	TS	5MR	30MS	20S	0	30MS	7.9
237	UP 2915	40S	0	TS	20MS	10MS	40S	80S	80S	26.4
238	UAS 375	20S	10MS	5S	15MS	TR	20S	40S	40S	15.0
239	MP 1303	20S	0	0	20MS	20S	40S	10S	40S	15.1
240	HD 3205	0	0	TS	0	TR	0	0	TS	0.2
240. A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7
241	DBW 178	0	0	TS	0	10MS	0	0	10MS	1.3
242	HI 1612	5MR	5MS	0	5MS	10MS	5S	0	10MS	3.3
243	NIAW 2547	10S	TS	TS	TMR	20MS	5MR	TR	20MS	4.4
244	MP 1305	20S	0	0	60S	20MS	40S	40S	60S	25.1



S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
245	HD 3203	5MR	20MS	TS	0	10MS	0	TR	20MS	3.9
246	HD 3202	0	0	TS	0	15MS	20S	TR	20S	4.7
247	MP 1306	20S	0	0	0	15MS	40S	TMR	40S	10.3
248	WH 1180	30S	5MS	0	15MS	10MR	20S	40S	40S	15.7
249	MACS 6659	30MS	0	TS	5MS	15MS	20S	40S	40S	14.4
250	K 1417	0	10MS	TS	0	40MS	20S	0	40MS	8.7
251	CG 1018	0	0	TS	0	30MS	5MR	TR	30MS	3.9
252	DBW 179	0	0	TS	0	10MR	5MR	0	10MR	1.0
253	DBW 180	0	0	TS	TMR	15MS	5MR	20MR	15MS	3.3
254	UAS 374	30S	0	TS	0	10S	5S	0	30S	6.6
255	PBW 737	20MR	0	0	0	30MS	20S	0	30MS	7.4
256	K 1416	20MR	0	TS	10MS	15MS	5S	TR	15MS	4.9
257	PBW 738	5MR	0	0	TMR	20S	0	TR	20S	3.2
<b>NIVT - 5B</b>										
258	GW 1324	20MS	5MS	0	TMR	20MR	5S	10MS	20MS	5.9
259	MPO 1307	0	0	0	0	5MS	0	0	5MS	0.6
260	RKD 283	5MR	0	0	0	0	0	20MR	20MR	1.4
260. A	INFECTOR	90S	100S	80S	80S	80S	40S	80S	100S	78.6
261	GW 1325	20MR	70S	TS	15MS	0	0	20S	70S	15.9
262	KD 1418	5MR	0	5S	TMR	TR	0	10S	10S	2.5
263	MACS 4027	10MR	0	TR	0	0	0	20S	20S	3.5
264	HI 8778	10MR	0	TS	0	10MS	10MS	TR	10MS	3.0
265	HI 8776	5MR	0	TMS	0	15MS	0	0	15MS	2.1
266	HI 8775	10MR	0	TS	0	5MR	0	TR	10MR	1.0
267	HI 8777	20MR	0	0	TMR	10MS	5MR	10MR	10MS	3.2
268	GW 1323	5MR	5MR	TS	0	10MS	0	20S	20S	4.7
269	GW 1327	5MR	0	0	0	0	0	TR	5MR	0.3
270	MPO 1308	0	0	0	0	TR	0	0	TR	0.0
271	MACS 4028	10MR	5S	0	10MS	0	0	20S	20S	5.3
272	DDW 38	0	0	0	TMR	10MR	5MR	TMR	10MR	1.0
273	NIDW 937	5MR	0	0	TMR	10MS	5S	0	10MS	2.2
274	HI 8779	0	0	0	5MS	TR	5MR	5MR	5MS	1.2
275	MACS 4030	5MR	0	0	TMR	15MS	0	0	15MS	2.1
276	RKD 292	0	0	5S	0	10MS	10MS	0	10MS	3.0
277	HI 8627 (C)	0	0	0	0	10MS	0	0	10MS	1.1
278	UAS 458	0	0	0	0	TR	20S	10MS	20S	4.0
279	UAS 459	0	0	TS	0	0	5MS	20MR	20MR	1.9
280	GW 1326	10MR	0	0	0	TR	10MS	TR	10MS	1.8
280. A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7
281	DDW 37	0	5MS	0	0	TR	5MR	0	5MS	0.9
<b>IVT</b>										
<b>I. NORTHERN HILL ZONE</b>										
282	VL 2015	TR	0	TS	15S	10MR	20S	20MR	20S	6.9
283	HS 605	0	0	TS	0	TR	10MS	0	10MS	1.3
284	HS 608	5MR	0	0	0	10MS	10MS	TR	10MS	2.6
285	VL 2013	0	0	TMS	10MS	5MR	0	TR	10MS	1.6
286	HPW 420	0	0	0	0	TR	0	0	TR	0.0
287	VL 2017	0	0	0	0	10MS	20S	10S	20S	5.4
288	VL 2016	0	0	0	0	TR	0	0	TR	0.0
289	HPW 418	0	0	0	10MS	10MS	20S	20S	20S	8.0
290	VL 2018	40S	20MS	0	5MR	15MS	5S	20S	40S	13.6
291	HS 606	20S	0	TS	TMR	15MR	20S	20MR	20S	7.9
292	HPW 414	30S	0	5S	15MS	15MR	20S	40S	40S	16.1
293	HS 603	30S	0	5S	15S	10MS	60S	40S	60S	22.6
294	HPW 415	30S	10MS	TS	15MS	10MS	40S	40S	40S	19.9
295	UP 2916	0	10S	0	0	15MS	0	5MR	15MS	3.4
296	HPW 417	5S	20S	0	30S	15MS	40S	30S	40S	19.6
297	VL 2014	0	0	0	10MS	20S	0	0	20S	4.0

S.No.	Variety	Pune	Indore	Junagarh	Niphad	Pawarkhedda	Wellington	Mahabaleshwar	HS	ACI
298	HS 597	0	0	0	0	10MS	20S	10MR	20S	4.6
299	HS 604	0	0	0	0	10MS	5MS	0	10MS	1.7
300	HPW 416	5S	0	0	20MS	20MS	10MS	40S	40S	12.1
300. A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7
301	HS 607	20S	0	0	0	30MS	0	20MS	30MS	8.6
302	HPW 419	0	0	5S	20S	10MS	40S	30S	40S	14.7
<b>II. SOUTHERN HILLS ZONE</b>										
303	HW 5248	0	0	0	0	5MR	0	0	5MR	0.3
304	HW 4206	0	0	TS	0	TR	0	0	TS	0.2
305	HW 4207	0	0	0	0	10S	0	0	10S	1.4
306	HW 2044 (C)	NG	0	0	0	15MS	5MR	0	15MS	2.3
307	HW 4501	0	0	0	0	20MS	0	TR	20MS	2.3
308	HW 5216 (C)	0	10MR	0	0	TR	0	0	10MR	0.6
309	HW 3624-1	0	0	0	0	10S	0	0	10S	1.4
310	HW 4305-2	10MR	0	0	0	TR	0	TR	10MR	0.6
311	HW 3658	0	0	0	0	5MR	5MR	0	5MR	0.6
312	HW 4205-2	0	0	0	0	10S	0	0	10S	1.4
313	MACS 6670	0	0	0	0	15MS	0	0	15MS	1.7
314	HW 5246	0	5S	5S	0	10MR	0	0	5S	2.0
315	CoW (W) 1 (C)	0	0	5S	0	TR	20S	5S	20S	4.3
316	HW 5245	20S	0	5S	10MR	10MS	20S	20S	20S	11.0
317	UAS 376	0	0	TS	0	15MS	0	20S	20S	4.7
318	NIAW 2613	0	0	TMR	0	20S	5MR	TR	20S	3.2
319	HS 609	0	0	TS	0	TR	0	20S	20S	3.0
320	HS 610	5MR	0	0	0	5MR	10MS	0	10MS	1.7
321	UAS 377	30S	0	0	0	10MS	20S	40S	40S	14.0
322	HW 5247	20S	0	0	0	TR	0	0	20S	2.9
<b>III. SPECIAL MATERIAL</b>										
323	HW 5050	20S	0	0	20MS	15MS	20S	40S	40S	15.4
324	HW 5051	0	0	0	0	TR	5MR	TR	5MR	0.3
324.A	INFECTOR	90S	100S	80S	80S	80S	40S	60S	100S	75.7