

Annexure 9 : Adult plant response of NIVT material against leaf rust (south) under field conditions (artificial inoculations) during 2013-14

Sr. No.	Variety	Indore	Mahab.	Junagadh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
NIVT 1A										
1	PBW 708	TR	0	TR	0	0	0	5MR	5MR	0.3
2	HD 3153	5MS	0	TS	0	TMR	5MR	TR	5MS	1.1
3	DBW 137	TMS	0	TR	0	0	0	0	TMS	0.1
4	DBW 140	10MS	0	TS	0	TMR	5MR	10MS	10MS	2.8
5	NW 6029	5MS	0	TR	0	5MS	TR	10MS	10MS	2.3
6	RAJ 4373	TR	0	TMR	10S	5MS	5MR	10S	10S	3.8
7	K 1302	0	0	TR	0	10MS	5MR	TR	10MS	1.4
8	NW 6036	20S	20S	TR	0	10MS	30S	0	30S	11.1
9	JKW 203	10S	0	TS	40S	20MS	10S	10MS	40S	12.1
10	HUW 680	TMS	0	TMS	10S	TMR	TR	20MS	20MS	4.0
11	DBW 139	5MS	10S	TR	40S	20S	20S	TR	40S	13.4
12	HUW 681	0	0	TS	5S	10MS	TR	10MS	10MS	3.1
13	WH 1172	TR	0	5S	20S	10MR	0	10MR	20S	4.7
14	UP 2873	TMS	0	TR	20S	5MR	0	5MR	20S	3.5
15	BRW 3750	0	0	TMS	20S	TMR	0	0	20S	3.0
16	BRW 3742	0	0	TMR	20S	TMR	20S	0	20S	5.8
17	HD 3158	5MS	0	5MS	20S	10MR	0	TR	20S	4.6
18	HD 3151	0	0	10S	60S	TMR	20S	TR	60S	12.9
19	UP 2874	20S	0	TS	40S	30S	20S	10MS	40S	17.0
20	JKW 193	TR	0	TS	40S	5MR	0	TR	40S*	6.1
20. A	INFECTOR	100S	60S	100S	80S	80S	80S	100S	100S	85.7
21	HD 3156	0	0	TR	20S	TMR	10S	10MR	20S	4.9
22	PBW 709	0	0	TR	20S	5MR	0	15MS	20S	4.9
23	DBW 134	TMS	0	5MR	20S	TMS	0	TR	20S	3.4
24	RAJ 4376	5S	0	TS	60S	0	0	0	60S*	9.4
25	RAJ 4377	5S	0	10S	20S	5MS	20S	TR	20S	8.4
26	DBW 138	0	0	TS	40S	0	0	0	40S*	5.9
27	WH 1169	0	0	TS	80S	0	0	0	80S*	11.6
28	HD 3157	5MS	0	TR	80S	10MS	20S	5MR	80S	16.3
29	WH 1168	20S	0	15S	40S	TMR	20S	15MR	40S	14.5
30	HD 3155	20S	0	TS	60S	0	10S	10MS	60S	14.1
31	RAJ 4375	10S	0	TR	10S	0	TR	5MS	10S	3.4
32	RAJ 4374	0	0	5MR	0	0	TR	0	5MR	0.3
33	DBW 135	0	0	TR	0	0	0	10MS	10MS	1.1
34	PBW 710	0	0	TR	60S	TMR	30S	TR	60S	12.9
35	WH 1170	0	0	TR	0	0	TR	10MS	10MS	1.1
36	HD 3152	0	0	TR	40S	5MS	0	10MS	40S	7.4
37	PBW 707	5S	0	TR	60S	10MS	40S	TR	60S	16.1
38	PBW 711	10MS	0	5MR	60S	TMR	10MR	15MS	60S	12.3
39	HD 3154	5MS	0	TMR	60S	10MS	0	TR	60S	10.3
40	K 1301	0	0	TR	20S	0	0	10S	20S	4.3
40. A	INFECTOR	100S	80S	100S	80S	90S	80S	100S	100S	90.0
41	UP 2875	0	0	0	0	0	0	TR	TR	0.0
42	WH 1171	0	0	TS	60S	TMR	10S	0	60S	10.2
43	UP 2877	0	0	TMS	60S	TMS	0	0	60S*	8.8

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Sr. No.	Variety	Indore	Mahab.	Junagadh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
44	DBW 136	0	0	TMR	40S	0	0	0	40S*	5.8
45	UP 2876	0	0	0	40S	0	0	0	40S*	5.7
NIVT 1B	NIVT 1B									
46	BRW 3748	0	0	TS	60S	TMR	5MR	TR	60S*	9.1
47	DBW 143	0	0	TMS	5S	TMR	0	10MS	10MS	2.0
48	HUW 686	0	0	20S	20S	5MR	10MR	10MS	20S	7.7
49	DBW 145	0	TMR	0	60S	5MS	0	TR	60S*	9.2
50	HUW 685	5S	10MR	TMS	60S	10MS	10MS	5MS	60S	12.8
51	WH 1173	5S	0	10S	40S	5MR	5MR	10MR	40S	9.0
52	HD 3159	0	0	TMS	60S	10MS	10MR	5MR	60S	10.7
53	HD 3162	20S	5S	TS	40S	TMR	5MR	15MS	40S	11.5
54	NW 6025	TS	0	10MS	60S	5MR	0	TR	60S	10.1
55	NW 6023	0	0	TS	80S	10MS	5MR	0	80S	13.0
56	K 1306	10S	0	TR	80S	5MS	0	0	80S	13.4
57	PBW 714	0	0	TS	80S	0	0	5MR	80S*	11.9
58	HD 3160	TMS	0	20S	20S	10MR	5MR	0	20S	6.7
59	PBW 712	40S	5S	20S	60S	20MS	30S	10MS	60S	25.6
60	UP 2878	0	0	TMS	60S	0	0	10S	60S	10.1
60. A	INFECTOR	100S	60S	100S	80S	90S	80S	80S	100S	84.3
61	WH 1175	0	0	TR	5S	TMS	0	TR	5S	0.8
62	UP 2879	0	0	TR	10S	0	0	10MR	10S	2.0
63	NW 6033	0	0	0	40S	0	0	10MS	40S	6.9
64	BRW 3743	5MS	0	TMR	60S	TMR	5MR	10S	60S	11.0
65	DBW 144	5MS	0	TR	80S	10MS	10MR	10MS	80S	14.9
66	DBW 141	0	0	5MR	5S	TMR	5MR	15MS	15MS	3.1
67	DBW 142	50S	20S	15S	60S	20S	60S	20MS	60S	34.4
68	NW 6031	TMR	0	TS	20S	5MR	10MR	TR	20S	3.9
69	WH 1174	30S	0	10S	40S	TMR	10MR	10MR	40S	12.6
70	KDW 2010	0	0	TR	10S	0	20MR	15MS	10S	4.3
71	Ankur BW 249	20MS	5S	5S	20S	15MS	20S	10MS	20S	12.3
72	BRW 3747	TMS	0	5MS	20S	TMR	0	0	20S	3.6
73	K 1305	20S	0	TS	5S	0	0	0	20S	3.7
74	K 1304	0	0	TR	10S	0	TR	0	10S	1.4
75	PBW 713	0	0	TS	5S	5MS	0	TR	5S	1.4
76	HUW 682	0	0	TR	5S	TMR	TR	TR	5S	0.8
77	HD 3161	TS	0	5S	20S	TMR	TR	0	20S	3.8
78	UP 2880	20S	10S	TR	20S	5MR	20S	10MS	20S	11.4
79	K 1307	0	0	10S	20S	TMR	TR	20MS	20S	6.6
80	HP 1956	10S	0	TR	60S	15MS	20S	20MS	60S	16.9
80. A	INFECTOR	100S	60S	100S	80S	80S	80S	100S	100S	85.7
81	RAJ 4379	5MS	10S	TS	40S	40S	TR	10MS	40S	14.7
82	NW 6028	0	0	TMS	20S	0	0	0	20S	3.0
83	RAJ 4378	0	0	TS	20S	5MS	5MR	0	20S	3.9
84	HUW 684	0	0	10S	20S	5MS	20S	10MR	20S	8.3
85	K 1308	30MS	0	TR	60S	5MR	TR	10MS	60S	13.4
86	HI 1606	0	0	TMR	40S	5MR	5MR	5MR	40S	6.6

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Sr. No.	Variety	Indore	Mahab.	Junagadh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
87	HI 1599	20S	0	TR	10S	0	10MR	10MS	20S	6.0
88	HP 1957	TR	0	0	20S	5MR	5MR	5MR	20S	3.7
89	HUW 683	0	0	0	20S	10MS	0	0	20S	4.0
90	RAJ 4380	0	0	TMS	20S	TMR	TR	0	20S	3.0
NIVT 2	NIVT 2									
91	HD 3164	10MS	0	TS	20S	0	5S	0	20S	4.9
92	UAS 363	10S	0	TS	60S	5MR	10S	15MR	60S	12.7
93	GW 463	0	0	TMR	40S	0	TR	TR	40S*	5.8
94	RVW 4205	0	0	TR	20S	0	0	10MS	20S	4.0
95	JWS 530	20S	10S	15S	40S	15MS	40S	15MS	40S	21.3
96	GW 461	5MR	0	TS	20S	TMR	5MR	5MS	20S	4.2
97	GW 459	20MS	0	TS	5S	0	5MR	15MS	20MS	5.1
98	UAS 361	10MS	0	TMS	60S	20MS	30S	TR	60S	16.4
99	GW 460	10S	0	TR	0	0	10MR	0	10S	2.0
100	RAJ 4381	0	0	TMR	20S	0	5MR	0	20S	3.2
100. A	INFECTOR	100S	40S	100S	80S	80S	80S	80S	100S	80.0
101	RAJ 4382	0	0	TR	40S	0	0	0	40S	5.7
102	UAS 362	TMS	0	10S	60S	20MS	20S	10S	60S	16.7
103	DBW 146	TMS	0	TR	20S	TMR	0	TR	20S	3.0
104	HI 1600	5MR	0	TR	10S	0	0	20MS	20MS	4.0
105	UAS 360	5MS	0	TR	20S	TMR	20S	10MS	20S	7.5
106	MP 1296	40S	0	5S	80S	40S	20MR	20MS	80S	27.0
107	MP 1297	5MR	0	TMS	5S	0	0	0	5S	1.1
108	HI 1602	5MS	0	TS	20S	5MR	0	0	20S	3.9
109	MACS 6640	0	0	TMS	60S	5MS	5S	0	60S*	10.0
110	UP 2881	0	0	TS	20S	0	0	0	20S	3.0
111	HI 1601	0	0	TS	10S	0	5MR	10MR	10S	2.4
112	MP 3421	TS	0	10S	40S	10S	0	TR	40S	8.7
113	HI 1603	0	0	TS	20S	5MR	0	10MS	20S	4.4
114	GW 458	0	0	TR	5S	0	0	10S	10S	2.1
115	PBW 715	0	0	TR	20S	TMR	0	10MS	20S	4.1
116	LOK 72	TMR	0	TMR	5S	TMR	0	10S	10S	2.3
117	MP 1298	0	0	5S	20S	0	0	TR	20S	3.6
118	MACS 6632	5R	0	TMS	10S	TMR	0	0	10S	1.7
119	AKAW 4730	10S	0	15MS	60S	5MS	30S	80S	80S	28.0
120	NIAW 2345	5MS	0	5S	40S	5MS	30S	20MS	40S	14.1
120. A	INFECTOR	100S	60S	100S	80S	80S	80S	80S	100S	82.9
121	K 1310	0	0	TMR	40S	TMR	0	10MS	40S	7.0
122	CG 1014	0	0	TS	20S	5MS	0	TR	20S	3.6
123	WH 1176	5MS	0	TS	20S	TMR	0	TR	20S	3.6
124	NIAW 2313	5MR	0	TMS	10S	0	0	0	10S	1.8
NIVT - 3	NIVT 3									
125	HD 3170	5MS	0	TS	40S	5MS	TR	0	40S*	7.0
126	GW 465	0	0	0	0	TMS	0	0	TMS	0.1
127	RVW 4204	10S	0	TS	20S	10MS	0	10MR	20S	6.1
128	HD 3167	5MR	0	TS	5S	5MS	0	0	5S	1.7

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Sr. No.	Variety	Indore	Mahab.	Junagarh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
129	HD 3169	0	0	10S	40S	TMR	0	0	40S*	7.2
130	UAS 364	10S	0	TS	60S	10MS	0	0	60S	11.3
131	PBW 718	TR	0	TS	40S	5MS	0	0	40S*	6.4
132	PBW 716	0	0	TS	20S	0	0	0	20S	3.0
133	WH 1178	TR	0	TS	20S	0	20S	0	20S	5.9
134	WH 1179	10S	5MR	TS	60S	15MS	20S	10MR	60S	15.6
135	HI 1604	5MS	10MR	TS	10S	TMR	5MR	TR	10S	3.1
136	GW 467	10MR	0	TS	40S	5MS	20S	10MS	40S	11.0
137	RAJ 4385	10MS	0	5S	40S	5MS	0	10S	40S	9.6
138	K 1313	0	0	TS	60S	TMS	0	0	60S*	8.8
139	DBW 148	TR	0	TR	40S	0	0	0	40S*	5.7
140	UP 2884	TR	0	5MR	20S	5MS	5MR	0	20S	4.0
140. A	INFECTOR	100S	60S	100S	80S	90S	80S	80S	100S	84.3
141	DBW 151	0	0	5MS	60S	0	20MR	0	60S	10.3
142	MP 1299	5MS	0	TMS	10S	5MS	10S	0	10S	4.1
143	UP 2885	0	0	TR	40S	0	0	5MS	40S*	6.3
144	HUW 688	0	0	5S	40S	10MS	0	10MR	40S	8.1
145	HI 8756 (d)	5R	0	TS	40S	10MS	0	TR	40S	7.1
146	WH 1177	TS	5S	10S	20S	10MS	10S	5MR	20S	8.0
147	NW 6024	TR	0	TS	60S	5MR	0	5MS	60S*	9.6
148	UP 2882	0	0	TS	40S	0	0	10MS	40S	7.0
149	RAJ 4384	TMS	0	TS	40S	TMR	0	10S	40S	7.5
150	MP 3420	0	0	TS	20S	TMR	0	15MS	20S	4.8
151	UP 2883	0	0	TS	80S	0	5MR	TR	80S*	11.9
152	DBW 147	5MS	0	TS	10S	0	10S	0	10S	3.6
153	MP 1300	TR	0	TMR	20S	0	0	0	20S	2.9
154	PBW 717	0	0	TS	5S	0	0	5MR	5S	1.1
155	AKAW 4843	10MS	0	TMS	5S	0	0	10MS	10MS	3.1
156	K 1312	0	0	TS	20S	0	0	10MS	20S	4.1
157	CG 1015	0	0	TS	20S	20S	30S	10MS	30S	11.3
158	BRW 967	20MS	30S	5S	40S	10MS	20S	0	40S	17.0
159	K 1314	20MS	0	TS	20S	TMR	20S	0	20S	8.2
160	HUW 687	0	0	TR	40S	10MS	TR	0	40S	6.9
160. A	INFECTOR	100S	60S	100S	80S	80S	80S	80S	100S	82.9
161	HD 3166	5MR	0	TMR	40S	15MS	TR	0	40S	7.8
162	HD 3168	0	0	TS	5S	0	10S	0	10S	2.3
163	HD 3165	5S	0	TS	60S	10MR	5MR	15MS	60S	12.0
164	RAJ 4383	0	0	TMS	40S	0	TR	15MS	40S	7.5
165	NIAW 2304	5MS	0	TS	5S	0	0	10MS	10MS	2.6
166	GW 466	0	0	TMR	10S	0	0	10MR	10S	2.1
167	DBW 150	0	0	15S	5S	0	5MR	10MS	15S	4.3
168	DBW 149	0	0	15S	80S	5MS	30S	60S	80S	27.0
169	PBW 719	0	0	10MS	5S	0	30S	5MS	30S	6.7
NIVT - 4	NIVT 4									
170	PDW 341	30S	20S	5S	0	TMR	20MR	5MS	30S	9.6
171	WHD 955	30S	20S	TS	0	5MR	20MR	0	30S	8.7

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Sr. No.	Variety	Indore	Mahab.	Junagarh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
172	PDW 339	20S	20S	5S	0	TMR	5MR	TR	20S	6.8
173	GW 1310	5MS	10S	TS	0	TMR	5MR	10MR	10S	3.1
174	HI 8759	TMS	20S	TS	5S	0	5MR	0	20S	4.1
175	PDW 340	30S	20S	20S	5S	5MR	5MR	0	30S	11.3
176	HI 8761	TR	10S	TS	5S	0	5MR	0	10S	2.6
177	UAS 452	5MS	20S	TR	0	TMR	5MR	5MS	20S	4.3
178	RKD 280	30MS	20S	TS	0	5MR	5MR	10MR	30MS	7.6
179	HI 8757	10MS	10S	10S	20S	TMR	10MS	TR	20S	8.1
180	MPO 1302	20S	10MR	TS	10S	TMR	80S	0	80S	16.5
180. A	INFECTOR	100S	40S	100S	80S	90S	80S	80S	100S	81.4
181	UAS 453	10MS	0	5S	0	0	5MR	0	10MS	2.1
182	HI 8758	10R	10S	5S	0	0	5MR	0	10S	2.7
183	RKD 279	20MS	10S	5S	0	5MR	5MR	0	20MS	5.0
184	PBND 5128	20S	20S	0	0	TMR	5MR	0	20S	6.1
185	NIDW 841	30MR	20S	5S	0	0	5MR	TR	20S	5.6
186	NIDW 842	30S	20S	5S	0	0	5MR	10MR	30S	8.7
187	HI 8760	30MS	10S	0	0	TMR	5MR	TR	30MS	5.2
188	HD 4732	10MS	0	5S	5S	TMR	5MR	TR	10MS	2.9
189	UPD 96	30S	10S	10MR		0	TR	0	30S	7.3
190	PDW 342	10MS	10S	5MS	0	TMR	20MR	0	10S	4.3
191	HD 4731	10MR	20S	5S	0	0	20MR	10MR	20S	5.9
192	GW 1311	0	0	TS	0	0	5MR	10MS	10MS	1.6
193	MACS 4024	10MS	0	0	0	0	5MR	TR	10MS	1.4
194	DDW 31	10MS	20S	10S	0	0	5MR	TR	20S	5.7
195	GW 1308	5S	10S	10MS	40S	5MR	5MR	0	40S	9.6
196	MACS 3949	20S	0	5S	0	0	20S	0	20S	6.4
197	WHD 956	20MS	20S	15MS	5S	TMR	5MR	0	20S	7.9
198	DDW 32	40S	20MR	5MS	0	TMR	5MR	5MR	40S	8.1
199	GW 1309	30MR	10S	TS	0	TMR	5MR	TR	30MR	3.6
200	MPO 1301	TMS	10S	TMS	0	0	20MR	0	10S	2.8
200. A	INFECTOR	100S	60S	100S	80S	90S	80S	100S	100S	87.1
201	MACS 4023	5MS	10S	5S	0	TMR	TR	0	10S	2.8
NIVT - 5A	NIVT 5A									
202	HD 3171	0	20S	TS	20S	5MS	TR	15MS	20S	8.1
203	UP 2887	5S	0	20MS	40S	5MS	10S	15MR	40S	11.6
204	HD 3174	5S	0	TS	20S	TMR	TR	TR	20S	3.8
205	MP 1290	20S	0	TS	0	0	5MR	15MS	20S	5.0
206	MP 1293	5MS	0	20MR	40S	10MS	30S	0	40S	12.9
207	HUW 689	0	0	5S	0	TMR	0	TR	5S	0.8
208	WH 1166	5S	0	10S	20S	TMR	20S	TR	20S	7.9
209	UP 2886	10MS	0	TS	5S	0	0	5MS	10MS	2.6
210	MACS 6648	40S	10S	10S	40S	10S	5MR	10MS	40S	17.1
211	K 1316	10S	0	TS	20S	10MS	5MR	10MS	20S	7.0
212	CG 1012	0	0	TS	5S	TMR	5MR	10S	10S	2.6
213	UAS 365	5S	0	TS	20S	TMR	0	0	20S	3.8
214	K 1315	0	10S	10MS	20S	0	10MR	0	20S	6.0

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Sr. No.	Variety	Indore	Mahab.	Junagadh	Wellington	Nipahad	Pune	Powarkheda	HS	ACI
I. NORTHERN HILL ZONE										
257	VL 2010	TS	0	0	0	TMR	5MR	5MS	5MS	1.1
258	VL 2007	5S	0	15S	20S	10MS	20MS	10MS	20S	10.3
259	HS 587	TS	0	TS	5S	0	0	0	5S	1.0
260	HPW 406	0	0	5S	10S	0	0	10MR	10S	2.7
260. A	INFECTOR	100S	60S	100S	80S	80S	80S	80S	100S	82.9
261	HS 583	5S	0	TS	5S	TMR	0	0	5S	1.6
262	VL 2008	0	0	5MS	5S	TMS	10MR	15MS	15MS	3.7
263	HPW 405	TS	0	10S	20S	5MS	0	10S	20S	6.4
264	HS 584	5MS	0	5S	5S	TMR	0	TR	5S	2.1
265	HS 585	0	0	TS	0	0	TR	0	0.5	0.1
266	HS 586	0	0	TMS	0	0	0	0	TMS	0.1
267	VL 2012	TMS	0	TMS	20S	TMS	0	10MS	20S	4.3
268	UP 2888	TS	0	TS	20S	0	0	5MS	20S	3.7
269	HPW 403	0	0	TMS	20S	TMR	0	0	20S	3.0
270	VL 2011	5MR	0	TMR	0	TMR	0	0	5MR	0.4
271	UP 2889	20S	0	5S	10S	TMR	0	TR	20S	5.1
272	HPW 409	0	0	TS	40S	0	0	0	40S*	5.9
273	HPW 408	0	10S	10MS	20S	5MR	0	0	20S	5.7
274	HS 581	5MS	0	TS	0	0	0	TR	5MS	0.7
275	HPW 407	TS	0	5S	0	0	TR	0	5S	0.9
276	VL 2009	0	0	5S	40S	TMR	0	TR	40S*	6.5
277	HS 582	TS	0	10S	0	10MS	0	0	10S	2.7
278	HPW 404	0	0	TS	40S	5MS	0	15MS	40S	8.1
II. SOUTHERN HILLS ZONE										
279	HW 3620	0	0	5S	5S	0	0	15MS	15MS	3.1
280	HW 5801	5R	0	5MS	0	0	0	10MS	10MS	1.9
280. A	INFECTOR	100S	80S	100S	80S	80S	80S	100S	100S	88.6
281	HS 589	0	0	0	0	0	0	0	0	0.0
282	HW 5049	5S	0	0	5S	TMR	0	0	5S	1.5
283	UAS 368	0	0	5S	5S	TMR	TR	5MR	5S	1.8
284	HW 3608	0	0	0	0	TMR	0	0	TMR	0.1
285	HW 3627	0	0	0	0	0	0	0	0	0.0
286	HW 5802	0	0	0	0	0	0	TR	TR	0.0
287	HW 3607	0	0	0	0	0	0	15MS	15MS	1.7
288	HW 3906	0	0	0	0	0	0	5MS	5MS	0.6
289	UAS 367	0	0	TS	20S	0	0	0	20S	3.0
290	HW 4215-1	0	0	5S	40S	5MS	0	0	40S*	7.0
291	HW 5047	TR	0	TS	0	0	0	0	TS	0.1
292	HW 5048	0	0	TR	0	0	0	5MS	5MS	0.6
III. SPECIAL TRIAL (Wheat Biofortification)										
293	SPL-WB-HD 3175	0	0	15S	0	0	5MR	15MS	15S	4.1
294	SPL-WB-HD 3176	TS	0	10MS	40S	0	10S	10S	40S	9.9
295	SPL-WB-HD 3177	0	0	10MS	20S	TMR	5MR	TR	20S	4.3
296	SPL-WB-HD 3178	5MS	0	15S	20S	TMS	0	0	20S	5.7
297	SPL-WB-HD 3179	0	0	10S	20S	0	0	0	20S	4.3

Annexure 9 : Adult plant response of NIVT material against leaf rust (south) under field conditions (artificial inoculations) during 2013-14

Sr. No.	Variety	Indore	Mahab.	Junagarh	Wellington	Niphad	Pune	Powarkheda	HS	ACI
298	SPL-WB-HPBW 01	0	0	15S	0	5MR	5MR	10MS	15S	3.9
299	SPL-WB-HPBW 02	0	0	20S	0	TMR	5MR	10MR	20S	3.8
300	SPL-WB-HPBW 03	10S	0	10S	0	15MS	30S	15MS	30S	10.6
300. A	INFECTOR	100S	80S	100S	80S	80S	80S	100S	100S	88.6
301	SPL-WB-HPBW 04	0	0	TS	0	0	0	0	TS	0.1
302	SPL-WB-HPBW 05	5S	0	10S	5S	TMS	20S	0	20S	5.8
303	SPL-WB-HPBW 06	20S	0	10MS	60S	10S	5MR	0	60S	14.3
304	SPL-WB-HUW-694	0	0	10S	0	0	TR	TR	10S	1.4
305	SPL-WB-HUW-695	5R	0	15S	0	0	0	0	15S	2.3
306	SPL-WB-HUW-696	5MR	0	TR	10S	TMR	5MR	TR	10S	2.1
307	SPL-WB-WB-01	0	0	15MS	0	0	0	10S	15MS	3.1
308	SPL-WB-WB-02	0	0	20S	10S	TMR	0	TR	20S	4.3
309	SPL-WB-WB-03	5S	0	20S	10S	10MR	5MR	10S	20S	7.3
310	SPL-WB-WB-04	5S	0	20S	20S	5MR	TR	TR	20S	6.7
311	SPL-WB-WB-05	5MS	0	TS	10S	0	0	TR	10S	2.1
311. A	INFECTOR	100S	60S	100S	80S	80S	80S	100S	100S	85.7