

Annexure 6: Seedling Resistance Test of AVT I year against yellow rust (*Puccinia striiformis*) pathotypes at Shimla during 2012-13

S.No.	Variety	P a t h o t y p e s															
		78S84	46S119	P	K	14A	31	L	38A	N	T	20A	A	14	20	I	GENES
I. NORTHERN HILL ZONE																	
1	HPW 376	R	MS	S	S	R	R	R	R	MS	S	R	R	R	R	S	Yr2+
2	HPW 380	MS	MS	S	R	MS	R	R	R	MS	S	R	R	R	R	R	Yr2+
3	HPW 381	MS	S	S	R	R	R	R	R	S	MS	R	R	R	R	R	Yr2+
4	HPW 387	R	MS	R	R	R	R	R	R	S	R	R	R	R	R	MS	Yr2+
5	HPW 388	MS	MS	S	S	R	R	S	R	MS	R	S	R	R	R	R	-
6	HPW 397	R	S	S	R	R	R	S	R	R	R	R	R	R	-	R	Yr2+
7	HPW 398	R	MR	S	R	R	R	S	R	R	R	-	R	R	R	R	Yr2+
8	HPW 399	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
9	HS 557	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
10	HS 574	R	R	R	R	R	R	R	R	R	MS	R	R	R	R	R	-
11	HS 575	R	MR	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
12	HS 576	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
13	HS 577	R	R	R	MS	R	R	S	R	R	R	-	R	R	R	R	R
14	HS 578	R	MS	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr2+
15	UP 2871	R	R	R	R	R	R	R	R	MS	MS	R	R	R	R	R	YrA
16	UP 2872	MR	MS	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr2+
17	VL1001	R	MS	R	R	R	R	R	R	R	R	MS	R	R	R	R	Yr2+
18	VL 1002	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
19	VL3001	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
20	VL3002	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
21	VL 3003	R	S	R	R	R	R	R	R	MS	R	MS	R	R	R	R	Yr2+
22	VL 967	R	MS	S	MS	R	R	R	R	R	R	R	R	R	R	R	Yr2+
II. NORTH WESTERN PLAIN ZONE																	
23	DBW 101	MS	S	S	MS	MR	MS	S	R	MS	MS	R	R	R	R	R	-
24	DBW 102	R	S	S	S	R	R	MS	R	S	MS	R	R	R	MS	R	Yr2+
25	DBW 110	S	S	S	S	R	R	S	R	R	MS	R	R	R	R	S	Yr2+
26	HD 3109	R	R	R	R	R	R	MS	R	R	R	R	R	R	R	R	-
27	HD 3117	S	S	S	R	MS	MS	R	R	MS	R	R	R	MS	R	R	Yr2+
28	HD 3119	R	S	S	R	MS	R	R	R	R	R	R	R	R	R	S	Yr2+

S.No.	Variety	P a t h o t y p e s																
		78S84	46S119	P	K	14A	31	L	38A	N	T	20A	A	14	20	I	GENES	
92	HD 3116	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
93	MACS 6583	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
94	MP 1270	S	S	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
95	NIAW 1994	MS	MS	S	R	R	R	R	R	MS	MS	R	R	R	R	R	R	YrA+
96	NIDW 699(d)	R	S	S	S	S	MS	R	R	R	R	R	R	R	R	R	S	Yr2+
97	UAS 342	S	S	S	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr2+
98	UAS 447(d)	MS	MS	S	S	S	R	R	R	R	R	R	R	R	R	R	R	Yr2+
99	UP 2845	R	R	R	S	R	R	R	R	R	R	R	R	R	R	R	R	YrA
VI. SOUTHERN HILLS ZONE																		
100	HW 1900	S	S	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
101	HW 4013	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
102	HW 4042	S	MS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
103	HW 5235	S	MS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
104	HW 5237	S	S	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr9+
VII. SPECIAL TRIAL																		
105	DBW 131	R	S	S	R	R	R	R	R	MS	R	R	R	R	R	R	R	Yr2+
106	DDK 1042	S	MR	S	S	S	MS	S	MS	MS	MS	MS	MR	MS	R	S	Yr2+	
107	DDK 1044	MS	MR	S	S	S	S	S	MS	MS	R	S	R	MS	R	R	Yr2+	
108	DDK 1045	S	S	S	S	MS	MS	S	S	S	S	S	S	S	MS	R	-	
109	HW 1099	S	R	MS	MS	MS	R	S	MS	R	MR	R	R	R	R	R	Yr2+	
110	KLP 1006	S	MS	S	R	S	MR	S	R	MS	R	MR	R	MS	R	R	Yr2+	
111	KRL 330	MS	R	S	R	R	R	MS	R	MS	R	R	R	R	R	R	Yr2+	
112	KRL 345	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
113	KRL 346	MS	MS	S	R	R	R	R	R	R	R	R	R	R	R	R	R	Yr2+
114	KRL 347	S	MS	S	S	S	R	S	S	S	R	R	R	R	R	R	R	Yr2+
115	KRL 348	R	MR	S	S	R	R	R	R	MS	R	MR	R	R	R	R	R	Yr2+
116	MACS 5022	MS	MR	S	S	R	MS	S	S	MS	R	MS	R	S	R	R	Yr2+	
117	MACS 5031	MS	R	S	S	MS	MS	S	MS	MS	R	R	R	MR	MS	R	Yr2+	
118	MACS 5032	MS	MS	S	S	MS	S	R	MR	S	R	R	R	S	S	R	Yr2+	
119	Raj 4324	R	MS	S	S	R	R	R	R	R	MR	R	R	R	R	R	Yr2+	
120	WH 1145	R	S	S	S	R	R	R	R	S	MS	R	R	R	R	R	Yr2+	