

APR response of AVT IInd and Ist year entries to individual races of <i>Puccinia striiformis tritici</i>.					
Sr. No.	Variety	46 S 119		78 S 84	
		Ludhiana	Delhi	Ludhiana	Delhi
AVT IInd Year					
I. NORTHERN HILL ZONE					
1	HPW 251 (C)	40S	5MR	40S	10S
2	HS 375 (C)	60S	10S	40S	20S
3	HS 490 (C)	40S	TR	40S	5MR
4	HS 507 (C)	5-10MS	0	TR	5S
5	HS 542 (C)	20S	0	10S	10MR
6	VL 829 (C)	40S	5S	40S	5MR
7	VL 892 (C)	40S	0	40S	0
II. NORTH WESTERN PLAIN ZONE					
8	DBW 88 (C)	40S	5S	60S	0
9	DBW 90 (C)	5S	5S	0	0
10	HD 3043 (C)	10S	0	10S	0
11	HD 2967 (C)	60S	5MR	60S	TR
12	HD 3059 (C)	60S	0	40S	5MR
13	HD 3086 (C)	5MS	TR	0	0
14	PBW 644 (C)	10S	5S	10S	10MS
15	WH 1021 (C)	60S	0	60S	0
16	WH 1080 (C)	5S	5S	0	5MS
17	WH 1105 (C)	20S	0	10S	5MR
18	WH 1124 (C)	TR	0	0	0
19	WH 1142 (I) (C)	5MS	0	5S	TR
III. NORTH EASTERN PLAIN ZONE					
20	HD 3171	20S	5MR	10S	TR
20. A	INFECTOR	60S	80S	80S	80S
21	K 1317	20S	0	10S	0
22	C 306 (C)	40S	5S	80S	10MR
23	DBW 39 (C)	60S	10MS	60S	20MS
24	HD 2733 (C)	60S	60S	60S	80S
25	HD 2888 (C)	40S	20S	60S	40S
26	K 8027 (C)	40S	10S	80S	20S
27	K 0307 (C)	20S	20S	60S	40S
28	K 1006 (C)	40S	10S	60S	20S
IV. CENTRAL ZONE					
29	HI 8759 (D)	5S	10MS	5MS	TR
30	HD 4728 (D) (I) (C)	TS	0	TS	0
31	HI 8498 (D) (C)	5MR	0	TS	TR
32	HI 8737 (D) (C)	10S	5S	10S	5MR
33	MPO 1215 (d) (C)	TR	0	5S	0
V. PENINSULAR ZONE					
34	MACS 3949 (d)	0	0	5MS	TR
35	HI 1605	5MS	5S	0	10MR
36	AKDW 2997-16(d) (C)	0	5S	0	TR
37	DBW 93 (C)	40S	40S	60S	60S
38	HD 2932 (C)	40S	40S	60S	60S
39	MACS 6222 (C)	40S	10S	10MS	20S
40	MACS 6478 (C)	60S	5S	60S	40S
40. A	INFECTOR	60S	80S	80S	80S
41	NI 5439 (C)	80S	60S	100S	80S
42	NIAW 1415 (C)	40S	60S	60S	80S
43	NIAW 34 (C)	40S	20MR	60S	40MR
44	NIDW 295 (D) (C)	0	0	5MS	0
45	RAJ 4083 (C)	40S	10MS	40S	20S

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46	UAS 428 (d) (C)	0	TR	10MS	10S
47	UAS 446 (d) (C)	0	TR	5MS	5S
VI. SOUTHERN HILLS ZONE					
48	HW 2044 (C)		-		-
49	HW 5216 (C)		-		-
50	CoW (W) -1 (C)		-		-
VII. SPECIAL TRIAL (MABB-IR-LS-CZ/PZ/WB)					
51	HD 3209	60S	20MS	80-100S	20S
52	PBW 723	5S	0	40S	5MR
53	WB 2	10S	0	40S	0
54	DBW 14 (C)	40S	5MR	60S	40S
55	DBW 71 (C)	5S	5MS	5S	20S
56	DDK 1029 (C)	20-40S	10MS	60S	20S
57	DPW 621-50 (C)	40S	10MS	60S	5MR
58	GW 322 (C)	40S	30S	60S	40S
59	HD 2864 (C)	40S	20S	80S	60S
60	HW 1098 (C)	40S	30S	60S	40S
60. A	INFECTOR	60S	80S	80S	80S
61	Kharchia 65 (C)	80S	80S	80-100S	80S
62	KRL 19 (C)	60S	40S	40S	40S
63	KRL 210 (C)	0	10S	TR	5MS
64	MP 3336 (C)	40S	20S	60S	40S
65	PBW 343 (C)	60S	5MR	80S	80S
66	TL 2942 (C)	5MR	0	10MR	0
67	TL 2969 (C)	TR	TR	5MR	5MS
68	WR 544 (C)	60S	20S	60S	40S
68. A	INFECTOR	60S	80S	80S	80S
AVT 1st Year					
I. NORTHERN HILL ZONE					
1	HPW 423	0	TR	0	5MR
2	HPW 424	10S	0	10S	TR
3	HPW 432	0	0	0	0
4	HPW 433	TS	5MR	5S	TR
5	HS 622	0	0	TR	0
6	HS 623	0	TR	5S	TR
7	HS 625	5S	0	5S	0
8	HS 626	0	0	TS	0
9	HS 627	TS	TR	TS	0
10	HS 628	0	0	0	0
11	UP 2954	10S	TR	TS	TR
12	UP 2955	10S	0	40S	0
13	VL 1008	0	TR	0	0
14	VL 1009	0	TR	0	0
15	VL 1010	20S	0	5S	0
16	VL 3010	5MS	0	10-20S	0
17	VL 3011	20S	0	20S	0
18	VL 3012	5S	0	5-10S	0
II. NORTH WESTERN PLAIN ZONE					
19	DBW 172	40S	TR	20S	0
20	DBW 173	10S	0	10S	5MR
20. A	INFECTOR	80S	80S	60S	80S
21	DBW 179	TS	0	TS	0
22	NW 6046	TS	0	5MS	0
23	PBW 725	0	0	0	TR
24	PBW 737	TS	0	0	0

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25	UP 2903	20S	0	10-20S	10MS
26	UP 2907	20S	5S	20S	20MS
27	WH 1184	0	0	0	TR
III. NORTH EASTERN PLAIN ZONE					
28	HD 3184	20S	0	40S	TR
29	HI 1612	0	0	0	5MR
30	WH 1181	5S	0	10-20MS	5MR
IV. CENTRAL ZONE					
31	HI 8774 (D)	5MS	TR	10MR	10MS
32	PDW 344 (D)	5MS	0	5MS	TR
V. PENINSULAR ZONE					
33	AKAW 4842	80S	40S	80S	60S
34	DBW 168	40S	5S	60S	TR
35	GW 477	80S	60S	80S	60S
36	HI 8777 (D)	5MS	TR	5MS	10S
37	KD 1418 (D)	0-40S(MIXTURE)	5MR	5MR	0
38	MACS 4028 (D)	60S	40S	10-20MS	60S
39	MACS 6660	60S	60S	80S	80S
40	NIAW 2495	60S	60S	60S	80S
40. A	INFECTOR	60S	80S	60S	80S
41	RKD 283 (D)	0	0	TS	0
42	RKD 292 (D)	60S	0	TS	0
43	UAS 375	60S	20MS	40S	40MS
44	UAS 459 (D)	5-10MS	0	10MS	0
VI. SPECIAL TRIAL (Dicocum and Salinity and Alkalinity)					
45	DBW 214	40S	5MS	60S	10MS
46	DBW 215	40S	5MR	40S	TR
47	DBW 216	40S	0	40S	0
48	DBW 217	40S	0	40S	TR
49	DDK 1050	20MS	TS	40S	40MS
50	DDK 1051	10-20MS	20MS	40S	40MS
51	KA 1427	40S	20S	60S	20S
52	MACS 5044	20MS	20S	40S	20S
53	MACS 5046	40S	40S	40S	60S
54	NW 6094	20S	5MR	40S	TR
55	WH 1310	5MS	5MR	5S	TR
VII. SPECIAL TRIAL (TRITICALE)					
56	TL 3006	0	0	0	TMR
57	TL 3007	0	0	TR	5MR
58	TL 3008	0	TR	0	0
59	TL 3009	0	0	0	TR
60	TL 3010	0	0	0	5MR
60. A	INFECTOR	60S	80S	80S	80S
VIII. SPECIAL TRIAL (MABB/NIL (KB) ENTRIES/Biofortification trial)					
61	HPBW 01	40S	10S	10-20S	20S
62	HPBW 02	20-40S	20S	10-20S	20S
63	HPPAU 05	0	5MR	0	TR
64	HPPAU 08	5S	0	10S	5MR
65	HPPAU 10	0	0	5S	TR
66	PBW 760	0	0	0	TR
IX. SPECIAL TRIAL (Very Late Sown)					
67	DBW 218	5S	0	20S	0
68	DBW 219	10S	0	10S	TR
69	DBW 220	5MS	TR	TS	5MR
70	HD 3236	20S	0	40S	0

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71	HI 1621	0	TMS	5S	5MS
72	PBW 756	5S	5S	5S	10S
73	PBW 757	0	0	0	TR
74	WH 1215	5S	0	10S	5MR
75	WH 1216	0	0	5-10S	5MR
X. AVTs for Summer sown (VHA)					
76	HS 580	0	0	TS	5MR
77	HS 590	5S	0	10S	TR
78	VL 3002	5S	0	5S	0
79	VL 4001	40S	0	60S	0
80	PBW 621	40S	TR	60S	10MS
80. A	INFECTOR	60S	80S	60S	80S
81	HPW 393				-
82	HPW 394				-