

APR response of AVT IInd and Ist year entries to individual races of Puccinia triticina.						
Sr. No.	Variety	77-5			104-2	
		Ludhiana	Delhi	Powerkheda	Ludhiana	Delhi
AVT IInd Year						
I. NORTHERN HILL ZONE						
1	HPW 251 (C)	0	TR	0	0	30MR
2	HS 375 (C)	0	5MR	0	0	TR
3	HS 490 (C)	0	5R	10MR	0	10R
4	HS 507 (C)	0	TR	0	0	TR
5	HS 542 (C)	0	0	0	0	TR
6	VL 829 (C)	0	TR	0	0	10MR
7	VL 892 (C)	0	5R	0	0	TR
II. NORTH WESTERN PLAIN ZONE						
8	DBW 88 (C)	10S	0	TR	0	0
9	DBW 90 (C)	20S	10S	0	40S	30MR
10	HD 3043 (C)	40S	5S	10MR	40S	20R
11	HD 2967 (C)	0	TMR	0	0	TR
12	HD 3059 (C)	10S	TR	TR	0	10R
13	HD 3086 (C)	10S	5S	10MR	40S	20MR
14	PBW 644 (C)	0	10R	5MR	0	5R
15	WH 1021 (C)	0	5R	TR	5S	TR
16	WH 1080 (C)	0	5MS	0	0	5MR
17	WH 1105 (C)	0	5S	5MR	10S	20R
18	WH 1124 (C)	0	5S	TR	40S	20MR
19	WH 1142 (I) C)	0	10MR	TR	0	30MSS
III. NORTH EASTERN PLAIN ZONE						
20	HD 3171	0	5MS	5MR	0	30RMR
20. A	INFECTOR	40S	60S	80S	60S	80S
21	K 1317	0	5MR	10MR	0	TR
22	C 306 (C)	40S	40S	20MS	60S	40MS
23	DBW 39 (C)	0	5MR	10MR	0	TR
24	HD 2733 (C)	0	5MS	10MS	0	20R
25	HD 2888 (C)	0	TR	5MR	0	0
26	K 8027 (C)	10S	50MS	5MR	40S	50S
27	K 0307 (C)	0	5R	10MR	0	20R
28	K 1006 (C)	0	5R	10MR	0	10R
IV. CENTRAL ZONE						
29	HI 8759 (D)	0	10R	0	0	20R
30	HD 4728 (D) (I) (C)	0	10R	0	0	10R
31	HI 8498 (D) (C)	0	10R	0	0	20R
32	HI 8737 (D) (C)	0	TR	0	5MS	30MS
33	MPO 1215 (d) (C)	0	5R	0	0	10R
V. PENINSULAR ZONE						
34	MACS 3949 (d)	0	10R	0	0	10R
35	HI 1605	0	20RMR	0	0	40MR
36	AKDW 2997-16(d) (C)	0	20MR	TR	0	30MR
37	DBW 93 (C)	0	5R	TR	0	TR
38	HD 2932 (C)	0	40S	TR	0	40S
39	MACS 6222 (C)	0	TR	TR	0	TR
40	MACS 6478 (C)	0	5R	TR	10S	TR
40. A	INFECTOR	40S	60S	70S	40S	70S
41	NI 5439 (C)	0	50S	20MS	40S	70S
42	NIAW 1415 (C)	0	5MR	TR	0	TR
43	NIAW 34 (C)	0	TR	TR	0	20MR
44	NIDW 295 (D) (C)	0	10R	0	0	20R

Sr. No.	Variety	77-5		Powerkheda	104-2	
		Ludhiana	Delhi		Ludhiana	Delhi
45	RAJ 4083 (C)	0	5MR	0	0	TR
46	UAS 428 (d) (C)	0	10R	0	0	30R
47	UAS 446 (d) (C)	0	TR	0	0	10R
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	0	0	0	0	0
52	PBW 723	0	TR	5MR	0	5R
53	WB 2	0	5S	0	0	10MRMS
54	DBW 14 (C)	0	5R	0	0	TR
55	DBW 71 (C)	0	10RMR	0	0	20RMR
56	DDK 1029 (C)	0	10MR	0	0	30RMR
57	DPW 621-50 (C)	0	TR	TR	0	TR
58	GW 322 (C)	0	10RMR	TR	0	TR
59	HD 2864 (C)	0	5R	10MR	0	TR
60	HW 1098 (C)	0	5R	TR	0	20R
60. A	INFECTOR	40S	80S	70S	60S	80S
61	Kharchia 65 (C)	60S	90S	TR	40S	80S
62	KRL 19 (C)	0	30S	TR	5S	40S
63	KRL 210 (C)	0	20MSS	10MS	10S	30MS
64	MP 3336 (C)	0	10MR	0	0	TR
65	PBW 343 (C)	0	30MS	5MR	0	30MSS
66	TL 2942 (C)	0	TR	0	0	0
67	TL 2969 (C)	0	TR	0	0	TR
68	WR 544 (C)	0	TR	0	0	TR
68. A	INFECTOR	40S	90S	70S	40S	70S
AVT Ist Year						
I. NORTHERN HILL ZONE						
1	HPW 423	5S	TR	0	0	TR
2	HPW 424	20S	TR	TR	0	30S
3	HPW 432	0	10RMR	TR	0	5R
4	HPW 433	0	TR	0	0	TR
5	HS 622	0	TR	0	0	TR
6	HS 623	0	0	TR	0	10R
7	HS 625	TS	0	0	0	TR
8	HS 626	0	5MR	0	0	10R
9	HS 627	0	5R	0	0	TR
10	HS 628	10S	TR	0	0	0
11	UP 2954	0	10R	0	0	TR
12	UP 2955	20S	TR	0	0	5R
13	VL 1008	10S	10RMR	0	5S	5R
14	VL 1009	40S	5R	TR	20S	5R
15	VL 1010	0	TR	0	0	20MRMS
16	VL 3010	0	5R	0	0	TR
17	VL 3011	0	TR	0	0	10MR
18	VL 3012	0	TR	0	0	20MR
II. NORTH WESTERN PLAIN ZONE						
19	DBW 172	0	0	0	0	TR
20	DBW 173	0	TR	0	0	5R
20. A	INFECTOR	60S	80S	80S	40S	60S
21	DBW 179	0	5R	0	0	TR
22	NW 6046	10S	10RMR	0	0	5R
23	PBW 725	0	TR	0	0	TR

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		Ludhiana	Delhi	Powerkheda	Ludhiana	Delhi
24	PBW 737	0	TR	0	0	10RMR
25	UP 2903	0	TS	0	0	20MR
26	UP 2907	0	5R	10MS	5S	TR
27	WH 1184	0	TR	0	0	TR
III. NORTH EASTERN PLAIN ZONE						
28	HD 3184	0	TR	0	0	10MR
29	HI 1612	0	10MR	0	0	5R
30	WH 1181	0	5R	0	0	20MR
IV. CENTRAL ZONE						
31	HI 8774 (D)	0	10MR	0	0	20R
32	PDW 344 (D)	0	10MR	0	0	10R
V. PENINSULAR ZONE						
33	AKAW 4842	0	TR	0	0	TR
34	DBW 168	0	5R	0	0	TR
35	GW 477	0	TR	0	0	TR
36	HI 8777 (D)	0	10RMR	0	0	20R
37	KD 1418 (D)	0	5R	0	0	20RMR
38	MACS 4028 (D)	0	20RMR	0	0	30MR
39	MACS 6660	0	5MR	10MS	0	40MS
40	NIAW 2495	0	5S	TR	0	TR
40. A	INFECTOR	40S	90S	70S	40S	80S
41	RKD 283 (D)	0	5R	0	0	10R
42	RKD 292 (D)	0	TR	0	0	10R
43	UAS 375	0	TMR	0	0	TR
44	UAS 459 (D)	0	10RMR	0	0	20R
VI. SPECIAL TRIAL (Dicoccum and Sailinity and Alkalinity)						
45	DBW 214	10S	TR	0	0	20MR
46	DBW 215	TS	0	0	0	TR
47	DBW 216	5S	0	0	20S	10MR
48	DBW 217	0	TR	0	0	TR
49	DDK 1050	0	TR	0	0	20R
50	DDK 1051	0	5R	0	0	10R
51	KA 1427	0	5R	10MS	0	10R
52	MACS 5044	0	TR	0	0	20R
53	MACS 5046	0	TR	0	0	5R
54	NW 6094	0	TR	10MS	0	20MR
55	WH 1310	0	0	10MS	0	5R
VII. SPECIAL TRIAL (TRITICALE)						
56	TL 3006	0	5R	0	0	10R
57	TL 3007	0	0	0	0	30MRMS
58	TL 3008	0	TR	0	0	5R
59	TL 3009	0	10R	0	0	10R
60	TL 3010	0	TR	0	0	10R
60. A	INFECTOR	40S	80S	80S	40S	80S
VIII. SPECIAL TRIAL (MABB/NIL (KB) ENTRIES/Biofortification trial)						
61	HPBW 01	0	TR	10MS	0	40MS
62	HPBW 02	40S	10S	10MS	10S	30MRMS
63	HPPAU 05	10S	TR	0	5S	10MSS
64	HPPAU 08	0	TR	15MS	0	10MR
65	HPPAU 10	5S	TR	0	0	10R
66	PBW 760	0	TR	5MR	0	TR
IX. SPECIAL TRIAL (Very Late Sown)						
67	DBW 218	0	TR	0	0	20RMR
68	DBW 219	0	TR	0	0	5MR
69	DBW 220	0	5MR	5MR	0	10MR

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70	HD 3236	0	10R	TR	0	5R
71	HI 1621	0	10S	TR	10S	TR
72	PBW 756	5S	0	TR	0	TR
73	PBW 757	0	TR	TR	0	TR
74	WH 1215	0	5R	0	0	TR
75	WH 1216	0	TR	TR	0	10R
X. AVTs for Summer sown (VHA)						
76	HS 580	10S	TR	TR	0	5R
77	HS 590	0	0	TR	0	0
78	VL 3002	5S	TR	5MR	0	TR
79	VL 4001	0	TR	0	0	0
80	PBW 621	10S	TR	0	5S	TR
80. A	INFECTOR	60S	80S	80S	40S	70S
81	HPW 393	-	-	-	-	-
82	HPW 394	-	-	-	-	-
		-	-	-	-	-