

Response of AVT entries against foliar aphids and root aphid during 2020-21									
AVT No.	Entry code	Entry	Foliar aphid score (1-5 scale)				Average score	Maximum Score	Root aphid (No./plant) Ludhiana Centre only
			Ludhiana	Karnal	Niphad	Khudwani			
I. North Hill Zone (NHZ)									
1	NHRFZ 2001	VL2041	5	5	4	4	4.5	5	5
2	NHRFZ 2002	HS562 (C)	5	5	4	5	4.8	5	4
3	NHRFZ 2003	HPW349 (C)	5	4	4	5	4.5	5	4
4	NHRFZ 2004	HS507 (C)	5	5	4	5	4.8	5	4
5	NHRFZ 2005	VL907 (C)	5	5	4	4	4.5	5	5
II. North Western Plain Zone (NWPZ)									
6	NWTS 101	WH1105 (C)	5	5	4	5	4.8	5	4
7	NWTS 102	DBW187 (C)	5	3	4	5	4.3	5	5
8	NWTS 103	HD3349	5	3	4	5	4.3	5	5
9	NWTS 104	PBW876 ^B	5	3	4	4	4.0	5	4
10	NWTS 105	HD3406 ^M	5	3	5	4	4.3	5	5
11	NWTS 106	DBW222 (C)	5	3	5	4	4.3	5	5
12	NWTS 107	DBW313 [#]	4	3	3	4	3.5	4	5
13	NWTS 108	HD2967 (C)	5	5	4	4	4.5	5	4
14	NWTS 109	PBW826	5	4	3	4	4.0	5	5
15	NWTS 110	RAJ4548 [#]	5	5	3	5	4.5	5	4
16	NWTS 111	HD3354	5	5	4	4	4.5	5	4
17	NWTS 112	WH1283	5	5	5	5	5.0	5	5
18	NWTS 113	HD3086 (C)	5	4	4	4	4.3	5	4
19	NWLS 201	JKW261	5	5	4	5	4.8	5	4
20	NWLS 202	WH1124 (C)	4	4	4	5	4.3	5	5
20A	INFECTOR		5	5	4	5	4.8	5	5
21	NWLS 203	PBW771 (C)	5	5	3	5	4.5	5	5
22	NWLS 204	HD3059 (C)	5	5	4	4	4.5	5	5
23	NWLS 205	PBW834	5	4	4	4	4.3	5	4
24	NWLS 206	DBW173 (C)	5	5	4	4	4.5	5	5
25	NWRI 301	HUW838 ^{#*}	5	5	4	5	4.8	5	5
26	NWRI 302	NW7096	5	5	4	5	4.8	5	5
27	NWRI 303	DBW321	4	3	4	5	4.0	5	4
28	NWRI 304	K1910	5	4	4	5	4.5	5	5
29	NWRI 305	HI1654	5	4	4	5	4.5	5	4
30	NWRI 306	NIAW3170 (C)	4	4	4	5	4.3	5	5
31	NWRI 307	PBW838	5	4	4	5	4.5	5	4
32	NWRI 308	DBW296*	4	3	4	5	4.0	5	4
33	NWRI 309	HI1628 (C)	5	4	4	4	4.3	5	4
34	NWRI 310	HD3369	5	4	4	5	4.5	5	4
35	NWRI 311	WH1142 (C)	4	4	4	4	4.0	4	3

36	NWRI 312	UP3062	5	5	4	5	4.8	5	4
37	NWRI 313	HD3368	5	5	4	5	4.8	5	4
38	NWRI 314	HD3043 (C)	5	5	4	5	4.8	5	5
39	NWRI 315	PBW644 (C)	5	4	4	5	4.5	5	4
40	NWRI 316	HI1653	5	4	4	5	4.5	5	4
40A	INFECTOR		5	5	5	5	5.0	5	5
41	NWRI 317	PBW848	5	5	4	5	4.8	5	4
III. North Eastern Plain Zone (NEPZ)									
42	NETS 101	HD2733 (C)	4	5	4	5	4.5	5	5
43	NETS 102	HD3249 (C)	5	5	4	5	4.8	5	5
44	NETS 103	DBW187 (C)	5	4	4	5	4.5	5	4
45	NETS 104	HD3406 ^M	5	4	4	5	4.5	5	5
46	NETS 105	HD3411 ^M	5	5	5	5	5.0	5	5
47	NETS 106	DBW39 (C)	4	3	4	5	4.0	5	5
48	NETS 107	HD2967 (C)	5	5	4	5	4.8	5	5
49	NETS 108	PBW826 [#]	4	4	3	5	4.0	5	4
50	NETS 109	HD3086 (C)	5	4	4	5	4.5	5	5
51	NELS 201	DBW317	3	3	4	5	3.8	5	4
52	NELS 202	DBW318	4	3	4	5	4.0	5	4
53	NELS 203	PBW835	5	5	4	5	4.8	5	3
54	NELS 204	HI1563 (C)	5	5	3	5	4.5	5	4
55	NELS 205	DBW107 (C)	5	5	4	5	4.8	5	4
56	NELS 206	PBW834	5	5	4	5	4.8	5	4
57	NELS 207	UP3060	5	5	4	5	4.8	5	5
58	NELS 208	HD3118 (C)	5	5	4	5	4.8	5	5
59	NELS 209	HI1621 (C)	5	5	4	5	4.8	5	4
60	NELS 210	DBW316	5	5	5	5	5.0	5	5
60A	INFECTOR		5	5	4	5	4.8	5	5
61	NELS 211	PBW833	5	5	3	5	4.5	5	5
62	NELS 212	HD3360	5	5	5	5	5.0	5	4
63	NERI 301	HI1653	5	5	4	5	4.8	5	4
64	NERI 302	DBW322	4	3	5	5	4.3	5	5
65	NERI 303	HI1612 (C)	5	5	5	5	5.0	5	5
66	NERI 304	DBW252 (C)	5	4	4	5	4.5	5	4
67	NERI 305	DBW321	5	3	5	5	4.5	5	5
68	NERI 306	HD3368 [#]	5	4	5	5	4.8	5	5
69	NERI 307	HI1654	5	4	3	5	4.3	5	4
70	NERI 308	HD3293(I) (C)	5	4	4	5	4.5	5	4
71	NERI 309	WH1281	4	4	4	5	4.3	5	5
72	NERI 310	PBW848 [#]	5	4	4	5	4.5	5	4
73	NERI 311	HD3171 (C)	5	5	4	5	4.8	5	4
74	NERI 312	HD3369 [#]	5	5	4	5	4.8	5	4
75	NERI 313	K1317 (C)	5	4	4	5	4.5	5	5
76	NERI 314	UP3062	5	5	4	5	4.8	5	5
IV. Central Zone (CZ)									
77	CZTS 101	HI8833(d) ^M	5	5	5	4	4.8	5	5
78	CZTS 102	GW322 (C)	5	5	5	5	5.0	5	4
79	CZTS 103	MP3535	5	5	5	5	5.0	5	4
80	CZTS 104	GW523	5	4	5	5	4.8	5	5

80A	INFECTOR		5	5	5	5	5.0	5	5
81	CZTS 105	GW513*	5	4	5	5	4.8	5	5
82	CZTS 106	HI1636*	5	4	4	5	4.5	5	4
83	CZTS 107	HI8832(d) ^M	5	5	4	4	4.5	5	5
84	CZTS 108	MACS6768	4	5	4	5	4.5	5	5
85	CZTS 109	HI1544 (C)	5	5	4	5	4.8	5	4
86	CZTS 110	HI1667 ^B	5	4	4	5	4.5	5	4
87	CZTS 111	HI8498(d) (C)	4	4	4	5	4.3	5	4
88	CZTS 112	HI8713(d) (C)	5	5	4	5	4.8	5	4
89	CZTS 113	HI1650	5	5	4	5	4.8	5	4
90	CZLS 201	MP4010 (C)	5	5	4	5	4.8	5	4
91	CZLS 202	HD2864 (C)	5	5	4	5	4.8	5	5
92	CZLS 203	MP3336 (C)	5	5	5	5	5.0	5	4
93	CZLS 204	HD2932 (C)	5	5	4	4	4.5	5	5
94	CZLS 205	HI1634(I) (C)	5	5	4	5	4.8	5	4
95	CZLS 206	HD3407 ^M	5	5	5	4	4.8	5	4
96	CZLS 207	CG1029(I) (C)	5	5	4	4	4.5	5	4
97	CZRI 301	HI8823(d)*	5	5	5	4	4.8	5	4
98	CZRI 302	GW528	5	5	4	5	4.8	5	5
99	CZRI 303	DDW47(d) (C)	4	3	4	5	4.0	5	5
100	CZRI 304	DBW326	5	5	4	5	4.8	5	4
100A	INFECTOR		5	5	4	4	4.5	5	5
101	CZRI 305	UAS475(d)	5	4	4	5	4.5	5	4
102	CZRI 306	HI8627(d) (C)	5	4	4	5	4.5	5	5
103	CZRI 307	NIAW3851	5	4	4	5	4.5	5	4
104	CZRI 308	HI8830(d)	3	3	4	5	3.8	5	4
105	CZRI 309	CG1036	4	4	4	5	4.3	5	5
106	CZRI 310	HI1655	4	4	4	5	4.3	5	5
107	CZRI 311	DBW110 (C)	5	4	3	5	4.3	5	3
108	CZRI 312	MP3288 (C)	5	5	5	5	5.0	5	4
109	CZRI 313	DDW55(d)	5	5	4	5	4.8	5	4
IV. Peninsular Zone (PZ)									
110	PZTS 101	WHD965(d)	5	4	4	5	4.5	5	4
111	PZTS 102	UAS428(d) (C)	5	4	4	5	4.5	5	5
112	PZTS 103	HI8826(d)	5	5	4	5	4.8	5	5
113	PZTS 104	MACS4100(d)	5	4	5	5	4.8	5	5
114	PZTS 105	MACS3949(d) (C)	5	5	4	5	4.8	5	4
115	PZTS 106	DDW53(d)	4	5	4	5	4.5	5	5
116	PZTS 107	NIDW1345(d)	5	5	4	4	4.5	5	4
117	PZTS 108	MACS6222 (C)	5	5	4	4	4.5	5	4
118	PZTS 109	MACS4106(d)	4	5	5	5	4.8	5	4
119	PZTS 110	NIDW1348(d)	5	5	5	5	5.0	5	5
120	PZTS 111	HI8828(d)	5	5	4	5	4.8	5	5
120A	INFECTOR		5	5	5	5	5.0	5	5
121	PZTS 112	GW322 (C)	5	5	4	5	4.8	5	5
122	PZTS 113	HI8827(d)	5	5	4	5	4.8	5	5
123	PZTS 114	DDW48(d)(I) (C)	5	5	5	5	5.0	5	4
124	PZLS 201	HD3090 (C)	5	4	4	5	4.5	5	4
125	PZLS 202	HI1633(I) (C)	5	5	4	5	4.8	5	4

126	PZLS 203	HD2932 (C)	5	4	4	5	4.5	5	5
127	PZLS 204	RAJ4083 (C)	4	3	3	5	3.8	5	4
128	PZLS 205	DBW320	5	5	4	5	4.8	5	4
129	PZLS 206	MACS6774	3	3	4	5	3.8	5	4
130	PZLS 207	NWS2180 [#]	5	5	4	5	4.8	5	5
131	PZLS 208	HI1651	5	5	4	5	4.8	5	4
132	PZRI 301	MP1358*	5	5	4	5	4.8	5	5
133	PZRI 302	MACS6755	5	5	4	5	4.8	5	5
134	PZRI 303	HI1605 (C)	5	5	4	5	4.8	5	4
135	PZRI 304	MACS6753	4	5	5	5	4.8	5	5
136	PZRI 305	AKDW2997-16(d) (C)	4	5	5	5	4.8	5	5
137	PZRI 306	NIDW1149(d)(I) (C)	5	5	5	5	5.0	5	5
138	PZRI 307	NIAW3170 (C)	4	5	4	5	4.5	5	4
139	PZRI 308	UAS446(d) (C)	5	5	4	5	4.8	5	4
140	PZRI 309	DBW325	5	5	3	5	4.5	5	4
140A	INFECTOR		5	5	5	4	4.8	5	5
141	PZRI 310	UAS3014	5	5		5	5.0	5	4
V. Special Trial (Dicoccum)									
142	SPL-DIC 101	MACS5058	5	5	4	5	4.8	5	5
143	SPL-DIC 102	MACS6222(a) (C)	5	5	4	5	4.8	5	5
144	SPL-DIC 103	DDK1029 (C)	5	5	5	5	5.0	5	5
145	SPL-DIC 104	DDK1061	5	5	5	5	5.0	5	5
146	SPL-DIC 105	HW1098 (C)	4	5	5	5	4.8	5	5
147	SPL-DIC 106	MACS5057	4	5	5	5	4.8	5	4
148	SPL-DIC 107	DDK1060	5	5	5	5	5.0	5	4
VII. Special Trial (SPL-HYPT)									
149	SPL-HYPT 101	DBW328*	5	3	4	4	4.0	5	4
150	SPL-HYPT 102	DBW372	5	4	5	5	4.8	5	5
151	SPL-HYPT 103	DBW370	5	4	5	5	4.8	5	5
152	SPL-HYPT 104	DBW327*	5	4	5	5	4.8	5	5
153	SPL-HYPT 105	WH1252*	5	5	5	5	5.0	5	5
154	SPL-HYPT 106	PBW874	5	5	4	5	4.8	5	5
155	SPL-HYPT 107	HD3410	4	5	4	5	4.5	5	5
156	SPL-HYPT 108	DBW332*	4	5	4	5	4.5	5	5
157	SPL-HYPT 109	PBW873	3	5	4	5	4.3	5	4
158	SPL-HYPT 110	DBW371	4	5	5	5	4.8	5	5
159	SPL-HYPT 111	HD3086 (C)	4	4	5	5	4.5	5	5
160	SPL-HYPT 112	DBW333*	5	4	4	4	4.3	5	5
160A	INFECTOR		5	5	5	4	4.8	5	5
161	SPL-HYPT 113	PBW872	5	4	3	5	4.3	5	5
162	SPL-HYPT 114	DBW187(I) (C)	5	4	4	5	4.5	5	4
163	SPL-HYPT 115	WH1270(I) (C)	4	4	5	5	4.5	5	5
164	SPL-HYPT 116	DBW303(I) (C)	5	4	5	5	4.8	5	5
VII. Special Trial (CI - HYT)									
165	HYT 201	HD3412	5	5	4	5	4.8	5	5
166	HYT 202	DBW375	5	4	5	5	4.8	5	5
167	HYT 203	DBW374	5	5	5	5	5.0	5	5
168	HYT 204	HD3403	5	4	5	5	4.8	5	5
169	HYT 205	WH1406	5	5	5	5	5.0	5	5
170	HYT 206	HD3413	5	5	4	4	4.5	5	5

171	HYT 207	PBW867	5	5	4	4	4.5	5	5
172	HYT 208	UP3096	5	5	5	4	4.8	5	5
173	HYT 209	WH1404	5	5	5	4	4.8	5	3
174	HYT 210	PBW868	4	4	4	4	4.0	4	5
175	HYT 211	DBW318	4	4	4	4	4.0	4	5
176	HYT 212	DBW378	3	4	5	4	4.0	5	5
177	HYT 213	WH1405	4	4	5	4	4.3	5	4
178	HYT 214	HD3405	5	4	4	5	4.5	5	5
179	HYT 215	DBW377	5	4	4	5	4.5	5	4
180	HYT 216	PBW869	5	5	5	5	5.0	5	5
180A	INFECTOR		5	5	5	5	5.0	5	5
181	HYT 217	PBW871	5	5	5	5	5.0	5	5
182	HYT 218	HD3086 (C)	5	4	5	5	4.8	5	5
183	HYT 219	DBW376	5	4	4	4	4.3	5	5
184	HYT 220	DBW373	5	4	3	4	4.0	5	5
185	HYT 221	HD3404	5	4	5	4	4.5	5	5
186	HYT 222	DBW187(I) (C)	5	4	4	4	4.3	5	4
187	HYT 223	WH1407	5	5	4	4	4.5	5	5
188	HYT 224	PBW870	5	5	4	4	4.5	5	5
189	HYT 225	UP3095	5	5	4	4	4.5	5	5
VIII. Special Trial (AST – HYT)									
190	SPL-AST 101	DBW368	4	3	4	5	4.0	5	5
191	SPL-AST 102	DBW363	4	3	4	5	4.0	5	5
192	SPL-AST 103	DBW369	5	3	4	5	4.3	5	5
193	SPL-AST 104	DBW367	5	3	5	5	4.5	5	4
194	SPL-AST 105	DBW364	5	3	5	5	4.5	5	5
195	SPL-AST 106	Kharchia 65 (C)	5	4	4	5	4.5	5	5
196	SPL-AST 107	DBW366	5	3	3	5	4.0	5	5
197	SPL-AST 108	KRL210 (C)	5	4	3	5	4.3	5	5
198	SPL-AST 109	DBW365	5	3	4	5	4.3	5	4
199	SPL-AST 110	K1805	5	4	4	5	4.5	5	5
200	SPL-AST 111	KRL19 (C)	5	4	3	5	4.3	5	5
200A	INFECTOR		5	5	5	5	5.0	5	5

* Data from Vijapur, Durgapur and Shillongani rejected due to low infestation of foliar aphids