

**Response of AVT entries against foliar aphids and root aphid during 2021-22**

AVT No.	Entry	Foliar aphid score (1-5 scale)					Average score	Maximum Score	Root aphid (No./plant) Ludhiana Centre only
		Ludhiana	Karnal	Niphad	Kharibari	Khudwani			
1	VL2041	5	3	3	2	5	3.6	5	4
2	VL2043	5	4	4	1	5	3.8	5	5
3	VL2044	5	4	3	2	5	3.8	5	5
4	HD3402	5	4	3	2	5	3.8	5	4
5	HPW481	5	4	3	3	4	3.8	5	4
6	HPW487	5	4	3	0	4	3.2	5	4
7	HPW488	4	4	4	4	5	4.2	5	4
8	HS692	5	5	4	2	5	4.2	5	4
9	HS693	5	4	4	2	4	3.8	5	4
10	HS694	5	5	4	3	4	4.2	5	5
11	UP3114	5	4	3	5	4	4.2	5	5
12	VL3028	5	4	3	5	4	4.2	5	4
13	VL3029	5	4	4	5	4	4.4	5	5
14	VL3030	5	4	5	5	4	4.6	5	4
15	HPW483	5	5	4	5	5	4.8	5	5
16	HPW484	5	5	3	3	4	4.0	5	5
17	HPW485	5	5	4	3	5	4.4	5	5
18	HPW486	5	4	3	3	4	3.8	5	4
19	HS688	5	5	4	3	5	4.4	5	5
20	HS689	5	5	4	5	5	4.8	5	5
<b>20A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>
21	HS690	5	5	5	4	5	4.8	5	4
22	HS691	5	4	5	2	4	4.0	5	4
23	SKW362	5	5	5	2	4	4.2	5	4
24	UP3113	5	4	5	3	4	4.2	5	5
25	VL2047	4	4	4	4	5	4.2	5	5
26	VL2048	4	5	4	5	5	4.6	5	5
27	VL2049	5	5	5	3	5	4.6	5	5
28	VL2050	5	5	5	5	5	5.0	5	5
29	HS507(C)	5	5	5	3	5	4.6	5	5
30	HS562(C)	5	5	5	3	5	4.6	5	4
31	HS490(C)	5	5	5	2	5	4.4	5	5
32	HPW349(C)	5	5	5	3	5	4.6	5	4
33	VL907(C)	5	5	5	5	4	4.8	5	4
34	VL892(C)	5	5	5	5	5	5.0	5	4
35	DBW377	5	5	5	5	4	4.8	5	4
36	PBW870	5	5	5	5	5	5.0	5	4
37	DBW372	5	5	5	3	5	4.6	5	4
38	DBW318	5	5	5	3	5	4.6	5	4
39	DBW327 (C)	5	5	5	3	5	4.6	5	4
40	DBW332(C)	5	5	5	3	5	4.6	5	5
<b>40A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>

41	DBW370	5	3	5	2	5	4.0	5	5
42	DBW371	5	3	5	4	5	4.4	5	4
43	DBW373	5	4	5	5	5	4.8	5	5
44	PBW868	4	4	4	5	5	4.4	5	5
45	PBW871	5	5	5	3	5	4.6	5	4
46	PBW872	4	5	4	4	5	4.4	5	4
47	HD3090(C)	4	4	4	4	5	4.2	5	4
48	HI1633(C)	4	4	4	5	5	4.4	5	4
49	RAJ4083(C)	5	5	5	4	5	4.8	5	4
50	DBW320#*	5	4	5	4	5	4.6	5	5
51	MP1380#	4	3	4	5	5	4.2	5	4
52	DBW407 <sup>B</sup>	5	5	5	4	5	4.8	5	5
53	DDW48(d)(C)	5	5	5	5	5	5.0	5	5
54	HI8826(d)*	5	5	5	4	5	4.8	5	5
55	MACS4100(d)*	5	5	5	5	5	5.0	5	5
56	MP1378	5	5	5	4	5	4.8	5	4
57	MP3552	4	4	4	5	5	4.4	5	5
58	UAS3015	4	4	4	5	5	4.4	5	5
59	HI8839(d)	5	4	5	5	5	4.8	5	4
60	HI8840(d)	4	4	4	5	5	4.4	5	4
<b>60A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>
61	MP1358(I)(C)	4	5	4	5	5	4.6	5	4
62	NIAW3922	5	5	5	5	5	5.0	5	4
63	NIDW1149(d)(C)	5	5	5	4	5	4.8	5	4
64	UAS478(d)	5	5	5	3	5	4.6	5	4
65	DBW352#	5	4	5	4	5	4.6	5	4
66	GW513(I)(C)	5	5	5	5	5	5.0	5	4
67	GW547 <sup>B</sup>	5	5	5	5	5	5.0	5	4
68	HI1636(I)(C)	5	4	5	4	5	4.6	5	5
69	HI1650*	5	5	5	5	5	5.0	5	4
70	MACS6768*	5	5	5	3	5	4.6	5	5
71	MP3535*	5	4	5	4	5	4.6	5	4
72	NWS2194#	5	5	5	5	5	5.0	5	4
73	HI1665	5	5	5	3	5	4.6	5	5
74	NIAW4028	5	4	5	4	5	4.6	5	4
75	CG1036*	5	5	5	5	5	5.0	5	5
76	CG1040	5	5	5	5	5	5.0	5	5
77	DDW47(d)(C)	5	4	5	4	4	4.4	5	5
78	DDW55(d) <sup>Q*</sup>	5	4	5	5	5	4.8	5	5
79	GW532	5	5	5	5	5	5.0	5	5
80	HD3401	5	4	5	4	4	4.4	5	5
<b>80A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>
81	HI1655 <sup>Q*</sup>	5	5	5	4	5	4.8	5	5
82	HI1666	5	4	5	5	5	4.8	5	5
83	HI8823(d)(I)(C)	5	5	5	4	5	4.8	5	5
84	HI8830(d)*	5	5	5	5	5	5.0	5	4
85	MACS6795	4	4	4	4	4	4.0	4	4
86	MP1377	4	4	4	5	4	4.2	5	4

87	MP3288(C)	5	5	5	4	5	4.8	5	4
88	UAS3019	5	4	5	5	5	4.8	5	4
89	DBW316#*	5	4	5	4	5	4.6	5	5
90	HD3118(C)	5	5	5	5	5	5.0	5	5
91	HD3392	5	4	5	4	5	4.6	5	4
92	HII621(C)	5	5	5	3	5	4.6	5	5
93	PBW833*	5	4	5	5	5	4.8	5	5
94	PBW835 <sup>Q</sup> *	4	5	4	4	5	4.4	5	5
95	HD3249(C)	4	4	4	3	4	3.8	4	4
96	PBW826#*	5	5	5	5	5	5.0	5	5
97	HD3388	5	5	5	4	5	4.8	5	4
98	PBW852	5	5	5	5	5	5.0	5	4
99	DBW252(C)	5	5	5	4	5	4.8	5	3
100	HD3171(C)	5	5	5	5	5	5.0	5	4
<b>100A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>
101	HD3293(C)	5	5	5	4	5	4.8	5	5
102	DBW353	5	5	5	5	5	5.0	5	5
103	JKW261(I)(C)	4	5	4	4	5	4.4	5	5
104	PBW771(C)	4	4	4	5	5	4.4	5	5
105	WH1124(C)	4	5	4	4	5	4.4	5	5
106	HD2967(C)	5	5	5	2	5	4.4	5	5
107	HD3386	3	5	3	3	5	3.8	5	5
108	DBW359	4	3	4	5	5	4.2	5	5
109	DBW358	4	3	4	4	5	4.0	5	4
110	NIAW3170(C)	5	5	5	5	5	5.0	5	4
111	HD3043(C)	5	5	5	4	5	4.8	5	4
112	HD3369*	5	5	5	3	5	4.6	5	4
113	HD3397	4	5	4	5	5	4.6	5	5
114	HD3400	5	5	5	4	5	4.8	5	5
115	HD3418	4	4	4	4	5	4.2	5	5
116	HII628(C)	5	5	5	4	4	4.6	5	5
117	HII653*	5	5	5	3	4	4.4	5	5
118	HII654*	4	5	4	5	5	4.6	5	4
119	HUW838(I)(C)	5	5	5	4	5	4.8	5	5
120	UP3090	5	5	5	3	5	4.6	5	5
<b>120A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>
121	WH1402	5	5	5	5	5	5.0	5	5
122	WH1403	5	5	5	4	5	4.8	5	5
123	DBW365	5	5	5	3	5	4.6	5	5
124	DBW366	5	5	5	5	5	5.0	5	5
125	DBW402	4	4	4	4	4	4.0	4	5
126	HD3415	4	5	4	3	5	4.2	5	4
127	Kharchia65(C)	5	5	5	5	5	5.0	5	4
128	KRL19(C)	5	5	5	4	5	4.8	5	4
129	KRL2006	5	5	5	3	5	4.6	5	4
130	UAS310	3	3	3	5	3	3.4	5	4
131	KRL2021	4	5	4	4	5	4.4	5	3
132	KRL210(C)	4	5	4	4	5	4.4	5	4
133	RAJ4565	4	4	4	5	4	4.2	5	4

134	HD3438	5	5	5	3	5	4.6	5	4
135	HD3439	5	5	5	4	5	4.8	5	4
136	CG1029(C)	5	5	5	5	5	5.0	5	4
137	HD3407*	4	4	4	4	4	4.0	4	4
138	HI1634(C)	5	5	5	5	5	5.0	5	4
139	MP3336(C)	5	5	5	3	5	4.6	5	5
140	HI8498(C)	5	5	5	4	5	4.8	5	5
<b>140A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>
141	HI8759(C)	5	5	5	3	5	4.6	5	5
142	HI8846	4	4	4	4	4	4.0	4	4
143	HI8847	4	3	4	5	5	4.2	5	4
144	HD2733(C)	4	4	4	3	5	4.0	5	4
145	HD3411*	5	5	5	4	5	4.8	5	4
146	HD3440	5	4	5	5	5	4.8	5	4
147	HD3406*	5	5	5	3	4	4.4	5	4
148	HD3436	5	5	5	3	4	4.4	5	4
149	HD3437	5	5	5	5	4	4.8	5	4
150	PBW175(C)	5	5	5	4	5	4.8	5	4
151	PBW677(C)	5	5	5	3	4	4.4	5	5
152	PBW901	5	5	5	5	5	5.0	5	5
153	PBW902	5	5	5	4	5	4.8	5	5
<b>153A</b>	<b>A 9-30-1 ( C )</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>	<b>5</b>

\* Data from Vijapur, Durgapur and Pusa Bihar rejected due to low infestation of foliar aphids