

Response AVT entries to Foliar aphid and root aphid during 2018-19

Entry no.	Code	Entry	Ludhiana	Karnal	Kharibari	Niphad	Average score	Highest score	Root aphid (No./plant) Ludhiana Centre only
I. Northern Hill Zone									
1	NHTSZ-01	HPW349 (C)	4	4	5	4	4.3	5	5
2	NHTSZ-02	VL907 (C)	5	5	5	4	4.8	5	5
3	NHTSZ-03	HS507 (C)	4	4	5	4	4.3	5	5
4	NHTSZ-04	HS652	4	4	5	4	4.3	5	4
5	NHTSZ-05	HS562 (C)	5	5	5	4	4.8	5	4
6	NHLSZ-01	VL892 (C)	5	5	5	4	4.8	5	5
7	NHLSZ-02	HS490 (C)	5	5	5	4	4.8	5	5
8	NHLSZ-03	HPW468	5	5	5	4	4.8	5	5
9	NHLSZ-04	HS673	4	4	5	4	4.3	5	5
10	NHLSZ-05	VL3020	4	4	5	4	4.3	5	4
11	NHLSZ-06	UP3041	5	5	5	4	4.8	5	5
12	NHLSZ-07	HPW467	5	5	5	4	4.8	5	5
13	NHLSZ-08	HS674	5	5	5	4	4.8	5	4
14	NHLSZ-09	VL3019	5	5	5	4	4.8	5	5
15	NHLSZ-10	VL3021	5	5	5	4	4.8	5	5
II. North Western Plain Zone									
16	NW-TS-101	WH1105 (C)	5	5	4	4	4.5	5	4
17	NW-TS-102	HD3226(I) (C)	4	4	5	4	4.3	5	5
18	NW-TS-103	HD3086 (C)	4	3	4	4	3.8	4	5
19	NW-TS-104	PBW820 ^M	5	5	5	4	4.8	5	4
20	NW-TS-105	DBW 221*	5	5	4	4	4.5	5	4
20A	INFECTOR	Infector	5	5	5	5	5.0	5	5
21	NW-TS-106	DBW 222*	5	5	5	4	4.8	5	5
22	NW-TS-107	PBW550 (C)	5	5	5	4	4.8	5	5
23	NW-TS-108	PBW821 ^M	5	5	4	4	4.5	5	4

24	NW-TS-109	HD2967 (C)	5	5	4	5	4.8	5	4
25	NW-TS-110	NW 7049	5	5	4	5	4.8	5	5
26	NW-TS-111	DPW621-50 (C)	5	5	4	5	4.8	5	5
27	NW-TS-112	DBW88 (C)	5	5	5	5	5.0	5	4
28	NW-LS-201	PBW752(I) (C)	5	5	5	5	5.0	5	3
29	NW-LS-202	DBW173 (C)	5	5	5	5	5.0	5	5
30	NW-LS-203	WH1021 (C)	5	5	5	4	4.8	5	5
31	NW-LS-204	HD3059 (C)	5	5	4	4	4.5	5	5
32	NW-LS-205	WH1124 (C)	5	5	5	5	5.0	5	3
33	NW-LS-206	PBW 771*	5	5	5	5	5.0	5	4
34	NW-RI-301	HI1620(I) (C)	5	5	4	4	4.5	5	4
35	NW-RI-302	PBW 796	5	5	4	4	4.5	5	4
36	NW-RI-303	HI 1628*	5	5	4	5	4.8	5	4
37	NW-RI-304	WH1142 (C)	5	5	5	5	5.0	5	5
38	NW-RI-305	HD3043 (C)	5	5	4	5	4.8	5	5
39	NW-RI-306	PBW644 (C)	5	5	5	5	5.0	5	5
40	NW-RI-307	HD3237(I) (C)	5	5	4	5	4.8	5	5
40A	INFECTOR	Infector	5	5	5	5	5.0	5	5
41	NW-RI-308	BRW 3806*#	5	5	5	5	5.0	5	3
42	NW-RI-309	NIAW 3170*	5	5	4	5	4.8	5	5
43	NW-RI-310	WH1080 (C)	5	5	4	5	4.8	5	5
III. North Eastern Plain Zone									
44	NE-IR-101	HD3249*# ^Q	5	5	5	5	5.0	5	4
45	NE-IR-102	HD2733 (C)	5	5	5	5	5.0	5	5
46	NE-IR-103	PBW 781	5	5	5	4	4.8	5	5
47	NE-IR-104	DBW 257	5	5	5	5	5.0	5	5
48	NE-IR-105	DBW39 (C)	5	4	5	5	4.8	5	4
49	NE-IR-106	HD 3277	5	5	5	5	5.0	5	5
50	NE-IR-107	RAJ 4529	5	5	5	5	5.0	5	5
51	NE-IR-108	DBW187(I) (C)	5	5	5	5	5.0	5	4
52	NE-IR-109	WH 1239	5	5	5	5	5.0	5	5

53	NE-IR-110	K0307 (C)	5	5	5	5	5.0	5	5
54	NE-IR-111	HD2967 (C)	5	5	5	5	5.0	5	5
55	NE-RI-301	K1317 (C)	5	5	5	5	5.0	5	4
56	NE-RI-302	HI1612 (C)	5	5	5	5	5.0	5	4
57	NE-RI-303	HD 3293	5	4	5	5	4.8	5	5
58	NE-RI-304	HD3171 (C)	5	5	5	4	4.8	5	4
59	NE-RI-305	HD2888 (C)	5	5	5	5	5.0	5	4
60	NE-RI-306	DBW 252* [#]	5	4	5	5	4.8	5	4
60A	INFECTOR	Infector	5	5	5	5	5.0	5	5
61	NE-RI-307	K8027 (C)	5	5	5		5.0	5	5
62	NE-RI-308	DBW 273	5	5	5		5.0	5	5
IV. Central Zone									
63	CZ-TS-101	HI8713(d) (C)	5	5	5	4	4.8	5	5
64	CZ-TS-102	NIDW 1158 (d)	5	5	5	4	4.8	5	3
65	CZ-TS-103	HI 8811 (d)	5	5	5	4	4.8	5	5
66	CZ-TS-104	HD3343 ^M	5	5	5	5	5.0	5	5
67	CZ-TS-105	GW322 (C)	5	5	5	5	5.0	5	3
68	CZ-TS-106	HI1544 (C)	5	5	5	4	4.8	5	5
69	CZ-TS-107	HI8737(d) (C)	5	5	5	4	4.8	5	5
70	CZ-TS-108	HI 8812 (d)	5	5	5	5	5.0	5	5
71	CZ-TS-109	GW 1348 (d)	3	4	5	4	4.0	5	4
72	CZ-TS-110	DDW 49 (d)	5	5	5	5	5.0	5	4
73	CZ-TS-111	PBW 822 ^B	5	5	5	4	4.8	5	5
74	CZ-TS-112	HD 3345 ^B	5	4	4	4	4.3	5	4
75	CZ-TS-113	DDW 48 (d)	5	5	4	4	4.5	5	5
76	CZ-RI-301	HI8627(d) (C)	5	5	4	5	4.8	5	5
77	CZ-RI-302	DBW110 (C)	5	5	4	4	4.5	5	5
78	CZ-RI-303	UAS 466(d)*	5	5	4	4	4.5	5	3
79	CZ-RI-304	MP3288 (C)	5	5	5	4	4.8	5	5
80	CZ-RI-305	DBW 277	5	4	4	5	4.5	5	5
80A	INFECTOR	Infector	5	5	5	5	5.0	5	5

81	CZ-RI-306	DDW 47(d)* ^Q	5	5	5	5	5.0	5	4
82	CZ-LS-201	HD2932 (C)	5	5	5	5	5.0	5	5
83	CZ-LS-202	HD2864 (C)	5	5	5	4	4.8	5	4
84	CZ-LS-203	MP3336 (C)	5	5	4	4	4.5	5	4
85	CZ-LS-204	MP4010 (C)	5	5	4	4	4.5	5	4
86	CZ-LS-205	CG1029	5	5	4	4	4.5	5	5
87	CZ-LS-206	UAS3002	5	5	4	4	4.5	5	5
88	CZ-LS-207	HI1633	5	5	4	4	4.5	5	5
89	CZ-LS-208	HI1634	5	5	4	4	4.5	5	5
90	CZ-LS-209	HI8808 (d)	5	5	4	5	4.8	5	5
91	CZ-LS-210	HI8807 (d)	5	5	4	5	4.8	5	5
V. Peninsular Zone									
92	PZ-TS-101	PBW 823 ^B	5	5	5	4	4.8	5	4
93	PZ-TS-102	UAS428 (d) (C)	5	5	4	4	4.5	5	4
94	PZ-TS-103	DDW 49 (d)	5	5	4	4	4.5	5	5
95	PZ-TS-104	UAS 3001	5	5	4	4	4.5	5	5
96	PZ-TS-105	MACS3949 (d)	5	5	4	4	4.5	5	5
97	PZ-TS-106	MACS6222 (C)	5	5	4	4	4.5	5	4
98	PZ-TS-107	GW 322 (C)	5	5	4	5	4.8	5	5
99	PZ-TS-108	DDW 48 (d)	5	5	5	5	5.0	5	5
100	PZ-TS-109	MACS6478 (C)	5	5	4	5	4.8	5	5
100A	INFECTOR	Infector	5	5	4	5	4.8	5	5
101	PZ-TS-110	HD3343 ^M	5	5	4	5	4.8	5	5
102	PZ-TS-111	WHD 963 (d)	5	5	5	5	5.0	5	5
103	PZ-LS-201	HI8807(d)	5	5	4	5	4.8	5	4
104	PZ-LS-202	HI1633	5	5	5	4	4.8	5	5
105	PZ-LS-203	UAS 3002	5	5	4	5	4.8	5	4
106	PZ-LS-204	Raj4083 (C)	5	5	5	5	5.0	5	5
107	PZ-LS-205	HD2932 (C)	5	5	4	5	4.8	5	5
108	PZ-LS-206	GW509	5	5	5	4	4.8	5	5
109	PZ-LS-207	HD3090 (C)	5	5	4	4	4.5	5	4

110	PZ-RI-301	NIAW 3170*	5	5	4	4	4.5	5	4
111	PZ-RI-302	GW 1346(d)*	5	5	4	5	4.8	5	5
112	PZ-RI-303	MACS 4058(d)*	5	4	4	5	4.5	5	5
113	PZ-RI-304	DBW93 (C)	3	3	4	5	3.8	5	5
114	PZ-RI-305	HI 8805(d)*	5	5	4	5	4.8	5	4
115	PZ-RI-306	AKDW2997-	5	5	4	4	4.5	5	3
116	PZ-RI-307	MACS 6695*	5	5	4	4	4.5	5	5
117	PZ-RI-308	UAS446(d) (C)	5	5	4	4	4.5	5	5
118	PZ-RI-309	HI1605 (C)	5	5	4	4	4.5	5	5
119	PZ-RI-310	MACS 6696*	5	5	4	4	4.5	5	5
120	PZ-RI-311	NIDW 1149(d)	5	5	4	4	4.5	5	5
120A	INFECTOR	Infector	5	5	4	5	4.8	5	5
121	PZ-RI-312	HI 8802(d)*	5	5	5	4	4.8	5	5
VI. Special Trial (Dicoccum)									
122	DIC-IR-101	DDK1029 (C)	5	5	5	5	5.0	5	5
123	DIC-IR-102	MACS5052	5	5	5	5	5.0	5	5
124	DIC-IR-103	MACS6222 (aest.) (C)	5	5	5	4	4.8	5	4
125	DIC-IR-104	DDK1056	5	5	4	5	4.8	5	5
126	DIC-IR-105	HW1098 (C)	5	5	5	5	5.0	5	5
127	DIC-IR-106	MACS5053	5	5	4	5	4.8	5	5
128	DIC-IR-107	DDK1057	5	5	5	5	5.0	5	5
VII. Special Trial- SPL-HYPT									
129	SPL-HYPT-1	HD3317	5	5	5	5	5.0	5	5
130	SPL-HYPT-2	WH1254	5	5	4	4	4.5	5	4
131	SPL-HYPT-3	DBW301	5	5	5	4	4.8	5	5
132	SPL-HYPT-4	WH1270	5	5	5	4	4.8	5	5
133	SPL-HYPT-5	HD2967 (C)	5	5	4	4	4.5	5	5
134	SPL-HYPT-6	PBW824	5	5	5	4	4.8	5	5
135	SPL-HYPT-7	UP3043	3	3	5	4	3.8	5	4
136	SPL-HYPT-8	DBW187	5	4	4	4	4.3	5	5
137	SPL-HYPT-9	HD3086 (C)	5	5	4	4	4.5	5	5

138	SPL-HYPT-10	DBW303	4	4	4	4	4.0	4	3
139	SPL-HYPT-11	DBW304	5	4	3	4	4.0	5	5
140	SPL-HYPT-12	UP3042	5	5	2	4	4.0	5	5
140A	INFECTOR	Infector	5	5	4	5	4.8	5	5
141	SPL-HYPT-13	DBW302	5	5	3	5	4.5	5	5
142	SPL-HYPT-14	PBW825	5	5	3	4	4.3	5	5
143	SPL-HYPT-15	HD3347	5	5	4	5	4.8	5	5
VIII. Special Trial (SPL-AST)									
144	SPL-AST-101	WH1223	4	3	5	5	4.3	5	4
145	SPL-AST-102	KRL19 (C)	4	3	4	4	3.8	4	5
146	SPL-AST-103	Kharchia65 (C)	4	4	5	4	4.3	5	4
147	SPL-AST-104	NW 7060	5	5	4	4	4.5	5	5
148	SPL-AST-105	KRL210 (C)	5	5	5	4	4.8	5	5
149	SPL-AST-106	WH 1228	5	5	4	4	4.5	5	4
150	SPL-AST-107	NW 7062	5	5	5	4	4.8	5	5
IX. Special Trial (SPL-VLS)									
151	SPL-VLS-101	PBW757 (C)	4	3	4	4	3.8	4	5
152	SPL-VLS-102	WR544 (C)	4	4	5	4	4.3	5	4
153	SPL-VLS-103	HD3298	5	4	4	4	4.3	5	5
154	SPL-VLS-104	HD3271	5	4	5	4	4.5	5	4
155	SPL-VLS-105	DBW14 (C)	5	4	4	4	4.3	5	4
156	SPL-VLS-106	DBW71 (C)	5	4	5	4	4.5	5	5
157	SPL-VLS-107	HI1621	5	5	4	4	4.5	5	3
158	SPL-VLS-108	PBW 797	5	5	5	4	4.8	5	5
158A	INFECTOR	Infector	5	5	4	5	4.8	5	5