

**Response of AVT entries against foliar aphids and root aphid during 2019-20**

AVT No.	Entry code	Entry	Foliar aphid score (1-5 scale)					Average score	Maximum Score	Root aphid (No./plant) Ludhiana Centre only
			Ludhiana	Karnal	Kharibari	Niphad	Shillongani			
<b>I. North Hill Zone (NHZ)</b>										
1	NHTSZ-1901	HS 507 (C)	5	4	5	5	4	4.6	5	4
2	NHTSZ-1902	HS 562 (C)	5	5	5	5	4	4.8	5	5
3	NHTSZ-1903	HPW 349 (C)	5	5	5	5	4	4.8	5	5
4	NHTSZ-1904	HS 668	4	5	5	5	4	4.6	5	5
5	NHTSZ-1905	VL 907 (C)	4	4	5	5	4	4.4	5	4
6	NHTSZ-1906	VL 2036	5	5	5	5	4	4.8	5	5
7	NHLSZ-1901	HS 681	5	5	5	5	4	4.8	5	5
8	NHLSZ-1902	VL 3022	4	5	5	5	4	4.6	5	4
9	NHLSZ-1903	HS 680	4	3	5	4	4	4.0	5	4
10	NHLSZ-1904	VL 3023	5	5	5	4	4	4.6	5	5
11	NHLSZ-1905	HPW 474	5	5	4	4	3	4.2	5	5
12	NHLSZ-1906	UP 3069	4	4	4	4	4	4.0	4	5
13	NHLSZ-1907	HPW 473	4	4	4	4	4	4.0	4	5
14	NHLSZ-1908	VL 892 (C)	4	4	5	4	4	4.2	5	5
15	NHLSZ-1909	VL 3024	5	3	5	5	4	4.4	5	5
16	NHLSZ-1910	HS 490 (C)	4	4	5	4	4	4.2	5	5
17	NHLSZ-1911	HS 679	5	5	5	5	4	4.8	5	5
<b>II. North Western Plain Zone (NWPZ)</b>										
18	NW-TS-101	DBW88 (C)	4	4	4	4	4	4.0	4	4
19	NW-TS-102	DBW187(I) (C)	4	4	5	5	5	4.6	5	4
20	NW-TS-103	HD2967 (C)	5	4	4	5	3	4.2	5	5
<b>20A</b>	<b>INFECTOR</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	NW-TS-104	WH1105 (C)	4	4	5	5	5	4.6	5	4
22	NW-TS-105	DBW222(I) (C)	4	3	4	5	4	4.0	5	4
23	NW-TS-106	HD3086 (C)	5	5	4	5	4	4.6	5	5
24	NW-TS-107	PBW840M	5	5	4	5	4	4.6	5	5
25	NW-TS-108	PBW803	4	4	4	5	4	4.2	5	4
26	NW-TS-109	PBW550 (C)	3	4	5	5	4	4.2	5	4
27	NW-LS-201	HD3334	4	3	5	5	4	4.2	5	4
28	NW-LS-202	HD3059 (C)	4	4	5	5	5	4.6	5	4
29	NW-LS-203	HD3332	4	4	5	5	4	4.4	5	4
30	NW-LS-204	DBW173 (C)	5	5	5	5	4	4.8	5	5
31	NW-LS-205	WH1021 (C)	4	5	5	5	3	4.4	5	4
32	NW-LS-206	PBW811	5	5	5	5	4	4.8	5	5
33	NW-LS-207	DBW291	4	4	5	5	5	4.6	5	4
34	NW-LS-208	WH1264	4	4	4	5	4	4.2	5	3
35	NW-LS-209	PBW812	4	5	4	5	4	4.4	5	4
36	NW-LS-210	JKW261	4	5	5	5	4	4.6	5	4
37	NW-LS-211	DBW290	4	4	4	5	4	4.2	5	4
38	NW-LS-212	PBW771(I) (C)	5	5	3	5	4	4.4	5	5

39	NW-LS-213	PBW813	5	5	3	5	4	4.4	5	4
40	NW-LS-214	HD3331	5	5	3	5	4	4.4	5	5
<b>40A</b>	<b>INFECTOR</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	NW-LS-215	HD3298*	5	5	5	5	4	4.8	5	5
42	NW-LS-216	WH1124 (C)	5	5	3	5	5	4.6	5	5
43	NW-LS-217	UP3033	4	4	5	5	4	4.4	5	5
44	NW-RI-301	HUW838	3	4	5	5	4	4.2	5	5
45	NW-RI-302	HD3043 (C)	4	4	5	5	5	4.6	5	5
46	NW-RI-303	PBW644 (C)	4	4	5	5	3	4.2	5	5
47	NW-RI-304	DBW296	4	3	4	5	3	3.8	5	5
48	NW-RI-305	HI1628(I) (C)	4	3	5	5	4	4.2	5	5
49	NW-RI-306	WH1080 (C)	4	4	4	5	3	4.0	5	5
50	NW-RI-307	JAUW672	4	4	5	5	4	4.4	5	5
51	NW-RI-308	WH1142 (C)	4	4	5	5	4	4.4	5	5
52	NW-RI-309	NIAW3170(I) (C)	4	4	5	5	4	4.4	5	5
<b>III. North Eastern Plain Zone (NEPZ)</b>										
53	NE-IR-TS-101	PBW804	5	5	5	5	4	4.8	5	5
54	NE-IR-TS-102	DBW187 (C)	5	5	5	5	4	4.8	5	5
55	NE-IR-TS-103	K1006 (C)	5	5	4	5	4	4.6	5	5
56	NE-IR-TS-104	DBW39 (C)	5	4	4	5	4	4.4	5	5
57	NE-IR-TS-105	HD3249(I) (C)	5	4	5	5	3	4.4	5	5
58	NE-IR-TS-106	HD2733 (C)	5	5	4	5	5	4.8	5	5
59	NE-RI-TS-301	HD3171 (C)	4	4	5	5	4	4.4	5	5
60	NE-RI-TS-302	HD2888 (C)	5	5	5	5	4	4.8	5	5
<b>60A</b>	<b>INFECTOR</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	NE-RI-TS-303	HD3293*	5	4	5	5	4	4.6	5	5
62	NE-RI-TS-304	K1317 (C)	5	5	5	5	5	5.0	5	5
63	NE-RI-TS-305	HI1612 (C)	4	5	5	5	5	4.8	5	4
64	NE-RI-TS-306	DBW252(I) (C)	5	5	5	5	4	4.8	5	4
<b>IV. Central Zone (CZ)</b>										
65	CZ-TS-101	TAW155	5	5	5	5	4	4.8	5	4
66	CZ-TS-102	HI1636	5	5	5	5	4	4.8	5	5
67	CZ-TS-103	MP1361	5	4	5	5	4	4.6	5	5
68	CZ-TS-104	MACS6747	4	4	5	5	4	4.4	5	4
69	CZ-TS-105	HD3377	4	5	5	5	4	4.6	5	4
70	CZ-TS-106	HI1637	5	5	5	5	4	4.8	5	4
71	CZ-TS-107	RAJ4541	5	4	5	5	4	4.6	5	5
72	CZ-TS-108	GW513	4	4	4	5	4	4.2	5	3
73	CZ-TS-109	GW322	4	4	4	5	4	4.2	5	3
74	CZ-TS-110	HI1544	4	4	4	5	4	4.2	5	4
75	CZ-LS-201	HI1634*	5	5	5	5	5	5.0	5	4
76	CZ-LS-202	HD2932	5	5	5	5	5	5.0	5	5
77	CZ-LS-203	MP3336	4	4	5	4	5	4.4	5	4
78	CZ-LS-204	HD2864	4	5	5	5	4	4.6	5	4
79	CZ-LS-205	CG1029*	4	5	5	5	4	4.6	5	4
80	CZ-RI-301	MPO1357(d)	5	5	5	5	4	4.8	5	5
<b>80A</b>	<b>INFECTOR</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	CZ-RI-302	HI8627(d)	5	5	5	5	4	4.8	5	5
82	CZ-RI-303	UAS466(d)(I)	4	3	5	5	5	4.4	5	4
83	CZ-RI-304	UAS472(d)	3	3	5	4	5	4.0	5	4

84	CZ-RI-305	DBW110	4	3	5	5	4	4.2	5	4
85	CZ-RI-306	MP3288	4	4	5	5	5	4.6	5	4
86	CZ-RI-307	HI 8823(d)	4	5	5	5	4	4.6	5	4
87	CZ-RI-308	DDW47(d)(I)	5	3	5	5	4	4.4	5	5
<b>IV. Peninsular Zone (PZ)</b>										
88	PZ-TS-101	WHD964(d)	5	5	5	5	4	4.8	5	5
89	PZ-TS-102	DDW48(d) *	5	5	5	5	4	4.8	5	5
90	PZ-TS-103	MACS6222 (C)	5	4	5	5	4	4.6	5	5
91	PZ-TS-104	MACS3949(d) (C)	5	4	5	5	3	4.4	5	4
92	PZ-TS-105	HI8818(d)	4	4	4	5	4	4.2	5	4
93	PZ-TS-106	UAS428(d) (C)	5	5	4	4	4	4.4	5	4
94	PZ-TS-107	DDW49(d) *	4	3	4	5	4	4.0	5	4
95	PZ-TS-108	GW322 (C)	5	4	4	4	4	4.2	5	5
96	PZ-LS-201	GW519	4	4	4	4	4	4.0	4	5
97	PZ-LS-202	HI1646	4	4	4	4	5	4.2	5	3
98	PZ-LS-203	HD3090 (C)	4	4	4	5	5	4.4	5	4
99	PZ-LS-204	RAJ4083 (C)	4	4	4	5	4	4.2	5	4
100	PZ-LS-205	UAS3008	4	5	4	5	4	4.4	5	4
<b>100A</b>	<b>INFECTOR</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4.8</b>	<b>5</b>	<b>5</b>
101	PZ-LS-206	MACS6749	5	5	5	5	4	4.8	5	5
102	PZ-LS-207	HD2932 (C)	5	5	5	5	4	4.8	5	4
103	PZ-LS-208	HI1641	5	5	5	5	4	4.8	5	4
104	PZ-LS-209	HI1642	5	5	5	5	4	4.8	5	5
105	PZ-LS-210	HI1633*	4	4	4	5	4	4.2	5	4
106	PZ-LS-211	MACS6752	4	4	5	5	4	4.4	5	4
107	PZ-RI-301	NIDW 1149(d)*	4	4	4	5	5	4.4	5	4
108	PZ-RI-302	UAS446(d) (C)	4	5	5	5	4	4.6	5	4
109	PZ-RI-303	HI 1605 (C)	5	5	4	5	4	4.6	5	4
110	PZ-RI-304	MACS 4087(d)	5	5	5	5	4	4.8	5	5
111	PZ-RI-305	MP 1358	5	5	4	5	4	4.6	5	5
112	PZ-RI-306	AKDW 2997-16(d)	5	5	5	5	4	4.8	5	5
113	PZ-RI-307	HI8805(d)(I) (C)	5	5	4	5	4	4.6	5	5
114	PZ-RI-308	UAS 472(d)	4	4	4	5	4	4.2	5	4
115	PZ-RI-309	MPO 1357(d)	5	4	4	5	4	4.4	5	5
116	PZ-RI-310	NIAW3170(I) (C)	4	4	4	4	5	4.2	5	4
<b>V. Special Trial (Dicocum)</b>										
117	Spl-DIC-101	MACS5055	4	4	4	4	3	3.8	4	4
118	Spl-DIC-102	MACS6222 (aest.)	5	5	5	5	3	4.6	5	5
119	Spl-DIC-103	DDK1029 (C)	5	5	5	5	4	4.8	5	5
120	Spl-DIC-104	MACS5054	5	5	5	5	4	4.8	5	5
<b>120A</b>	<b>INFECTOR</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4.8</b>	<b>5</b>	<b>5</b>
121	Spl-DIC-105	DDK1058	4	5	5	5	4	4.6	5	4
122	Spl-DIC-106	HW1098 (C)	4	4	4	5	5	4.4	5	4
123	Spl-DIC-107	DDK1059	4	4	4	5	4	4.2	5	4
<b>VI. Special Trial (SPL-HYPT)</b>										
124	SPL-HYPT-1	DBW327	3	3	4	5	3	3.6	5	4
125	SPL-HYPT-2	HD3086 (C)	4	3	4	5	5	4.2	5	3
126	SPL-HYPT-3	DBW332	4	3	4	5	4	4.0	5	4
127	SPL-HYPT-4	DBW303*	5	3	4	5	4	4.2	5	5
128	SPL-HYPT-5	HD2967 (C)	5	5	4	5	4	4.6	5	5

129	SPL-HYPT-6	DBW187*	5	4	4	5	4	4.4	5	4
130	SPL-HYPT-7	DBW329	4	3	5	5	4	4.2	5	4
131	SPL-HYPT-8	WH1252	4	4	5	5	4	4.4	5	4
132	SPL-HYPT-9	HD3378	4	5	5	5	4	4.6	5	4
133	SPL-HYPT-10	WH1270*	4	5	5	5	4	4.6	5	4
134	SPL-HYPT-11	DBW333	5	3	5	5	4	4.4	5	5
135	SPL-HYPT-12	DBW330	5	4	5	5	5	4.8	5	5
136	SPL-HYPT-13	DBW328	5	4	5	5	4	4.6	5	5
137	SPL-HYPT-14	DBW331	5	4	5	5	4	4.6	5	5