

**Response of AVT entries to shootfly and brown wheat mite during 2018-19**

Entry no.	Code	Entry	Dharwad	Ludhiana	Niphad	Kharibari	Kanpur	Average incidence (%)	Highest incidence (%)	Brown Wheat mite (No. of mites/10 cm <sup>2</sup> area)	
										Ludhiana	Durgapura
<b>I. Northern Hill Zone</b>											
1	NHTSZ-01	HPW349 (C)	9.62	9.52	0.00	2.00	20.00	8.23	20.00	20.00	12.33
2	NHTSZ-02	VL907 (C)	11.38	16.67	0.00	2.00	16.00	9.21	16.67	25.00	17.00
3	NHTSZ-03	HS507 (C)	12.78	13.38	0.00	2.00	16.66	8.96	16.66	12.00	11.33
4	NHTSZ-04	HS652	10.39	18.63	3.33	2.00	13.33	9.54	18.63	15.00	10.66
5	NHTSZ-05	HS562 (C)	13.07	14.75	0.00	1.00	16.66	9.10	16.66	10.00	12.00
6	NHLSZ-01	VL892 (C)	15.65	15.85	8.33	1.00	16.00	11.37	16.00	18.00	10.66
7	NHLSZ-02	HS490 (C)	13.43	15.45	0.00	1.00	16.00	9.18	16.00	10.00	14.00
8	NHLSZ-03	HPW468	8.61	11.43	3.33	1.00	12.00	7.27	12.00	14.00	16.66
9	NHLSZ-04	HS673	22.67	16.30	3.33	2.00	8.00	10.46	22.67	8.00	11.66
10	NHLSZ-05	VL3020	15.43	13.33	0.00	3.00	13.33	9.02	15.43	25.00	10.00
11	NHLSZ-06	UP3041	16.67	16.00	1.66	2.00	10.00	9.27	16.67	14.00	14.33
12	NHLSZ-07	HPW467	4.64	11.82	3.33	2.00	16.00	7.56	16.00	15.00	18.00
13	NHLSZ-08	HS674	7.45	9.23	6.66	3.00	8.00	6.87	9.23	18.00	15.00
14	NHLSZ-09	VL3019	8.09	13.54	3.33	2.00	13.33	8.06	13.54	10.00	17.66
15	NHLSZ-10	VL3021	11.54	12.56	5.00	2.00	13.33	8.89	13.33	10.00	13.33
<b>II. North Western Plain Zone</b>											
16	NW-TS-101	WH1105 (C)	16.52	12.73	0.00	2.00	16.66	9.58	16.66	15.00	10.33
17	NW-TS-102	HD3226(I) (C)	5.85	13.02	0.00	1.00	13.33	6.64	13.33	13.00	9.66
18	NW-TS-103	HD3086 (C)	11.71	9.70	0.00	2.00	16.66	8.01	16.66	22.00	10.66
19	NW-TS-104	PBW820 <sup>M</sup>	10.67	12.50	6.66	1.00	13.33	8.83	13.33	18.00	10.00

20	NW-TS-105	DBW 221*	11.37	8.21	3.33	2.00	12.00	7.38	12.00	16.00	11.00
20A	INFECTOR	Infector	14.00	19.26	3.33	3.00	20.00	11.92	20.00	30.00	22.46
21	NW-TS-106	DBW 222*	11.19	10.43	0.00	2.00	20.00	8.72	20.00	9.00	12.00
22	NW-TS-107	PBW550 (C)	11.65	10.24	0.00	3.00	15.00	7.98	15.00	20.00	10.66
23	NW-TS-108	PBW821 <sup>M</sup>	13.64	14.86	0.00	2.00	16.66	9.43	16.66	7.00	11.00
24	NW-TS-109	HD2967 (C)	8.57	10.81	3.33	3.00	20.00	9.14	20.00	10.00	16.00
25	NW-TS-110	NW 7049	9.87	16.67	0.00	2.00	20.00	9.71	20.00	8.00	12.33
26	NW-TS-111	DPW621-50 (C)	9.75	14.61	3.33	3.00	13.33	8.80	14.61	15.00	14.66
27	NW-TS-112	DBW88 (C)	9.09	14.55	0.00	2.00	15.00	8.13	15.00	17.00	15.00
28	NW-LS-201	PBW752(I) (C)	8.60	14.14	0.00	3.00	15.00	8.15	15.00	20.00	17.00
29	NW-LS-202	DBW173 (C)	11.43	10.91	0.00	2.00	10.71	7.01	11.43	12.00	15.33
30	NW-LS-203	WH1021 (C)	9.25	15.79	6.66	3.00	7.69	8.48	15.79	15.00	13.66
31	NW-LS-204	HD3059 (C)	7.50	8.89	0.00	2.00	7.69	5.22	8.89	14.00	14.33
32	NW-LS-205	WH1124 (C)	11.28	14.15	3.33	3.00	12.50	8.85	14.15	12.00	9.33
33	NW-LS-206	PBW 771*	15.95	9.52	0.00	2.00	6.25	6.74	15.95	16.00	12.66
34	NW-RI-301	HI1620(I) (C)	7.72	17.65	0.00	2.00	3.12	6.10	17.65	15.00	11.33
35	NW-RI-302	PBW 796	16.67	13.16	0.00	2.00	8.57	8.08	16.67	10.00	10.66
36	NW-RI-303	HI 1628*	7.45	12.20	0.00	2.00	3.57	5.04	12.20	12.00	13.33
37	NW-RI-304	WH1142 (C)	11.08	9.85	0.00	2.00	7.14	6.01	11.08	20.00	11.66
38	NW-RI-305	HD3043 (C)	12.55	12.90	3.33	2.00	11.11	8.38	12.90	24.00	16.00
39	NW-RI-306	PBW644 (C)	16.00	14.29	0.00	1.00	7.69	7.80	16.00	13.00	15.33
40	NW-RI-307	HD3237(I) (C)	13.10	15.00	3.33	2.00	15.38	9.76	15.38	18.00	13.66
40A	INFECTOR	Infector	30.21	32.69	3.33	3.00	13.79	16.60	32.69	28.00	22.33
41	NW-RI-308	BRW 3806* <sup>#</sup>	33.68	21.18	5.00	3.00	15.38	15.65	33.68	12.00	12.33
42	NW-RI-309	NIAW 3170*	13.11	10.91	3.33	3.00	18.18	9.71	18.18	16.00	13.66
43	NW-RI-310	WH1080 (C)	11.95	12.38	3.33	3.00	15.38	9.21	15.38	18.00	10.33
<b>III. North Eastern Plain Zone</b>											
44	NE-IR-101	HD3249* <sup>#Q</sup>	15.36	16.25	0.00	2.00	16.00	9.92	16.25	10.00	10.33
45	NE-IR-102	HD2733 (C)	12.47	12.31	0.00	3.00	7.69	7.09	12.47	15.00	13.00
46	NE-IR-103	PBW 781	13.60	14.78	5.00	2.00	7.14	8.50	14.78	25.00	12.66

47	NE-IR-104	DBW 257	15.50	16.30	5.00	3.00	8.00	9.56	16.30	20.00	13.33
48	NE-IR-105	DBW39 (C)	28.78	19.78	0.00	2.00	4.00	10.91	28.78	13.00	12.66
49	NE-IR-106	HD 3277	21.07	11.33	3.33	3.00	9.37	9.62	21.07	8.00	11.33
50	NE-IR-107	RAJ 4529	21.38	18.25	0.00	2.00	3.84	9.09	21.38	15.00	15.33
51	NE-IR-108	DBW187(I) (C)	12.00	14.55	0.00	3.00	15.62	9.03	15.62	20.00	15.00
52	NE-IR-109	WH 1239	14.62	14.17	3.33	2.00	14.28	9.68	14.62	25.00	14.00
53	NE-IR-110	K0307 (C)	10.53	12.82	5.00	1.00	12.00	8.27	12.82	28.00	10.00
54	NE-IR-111	HD2967 (C)	13.86	15.24	5.00	1.00	11.53	9.33	15.24	13.00	11.33
55	NE-RI-301	K1317 (C)	13.25	13.00	0.00	1.00	6.25	6.70	13.25	20.00	10.33
56	NE-RI-302	HI1612 (C)	7.01	14.12	0.00	1.00	9.37	6.30	14.12	10.00	10.33
57	NE-RI-303	HD 3293	10.97	17.48	0.00	2.00	17.85	9.66	17.85	14.00	11.66
58	NE-RI-304	HD3171 (C)	22.35	12.50	0.00	3.00	8.00	9.17	22.35	23.00	12.00
59	NE-RI-305	HD2888 (C)	10.83	8.89	3.33	2.00	16.00	8.21	16.00	12.00	13.66
60	NE-RI-306	DBW 252* <sup>#</sup>	12.97	4.12	0.00	3.00	15.00	7.02	15.00	25.00	12.33
60A	INFECTOR	Infector	32.00	20.97	3.33	3.00	12.71	14.40	32.00	26.00	21.33
61	NE-RI-307	K8027 (C)	13.33	4.35	3.33	3.00	17.85	8.37	17.85	20.00	12.66
62	NE-RI-308	DBW 273	8.21	3.33	0.00	3.00	15.62	6.03	15.62	16.00	11.33
<b>IV. Central Zone</b>											
63	CZ-TS-101	HI8713(d) (C)	25.26	19.05	0.00	0.00	11.53	11.17	25.26	20.00	16.33
64	CZ-TS-102	NIDW 1158 (d)	23.72	9.24	0.00	0.00	10.71	8.73	23.72	14.00	12.66
65	CZ-TS-103	HI 8811 (d)	12.92	11.27	3.33	0.00	11.53	7.81	12.92	20.00	13.33
66	CZ-TS-104	HD3343 <sup>M</sup>	20.98	8.62	1.66	0.00	10.71	8.39	20.98	12.00	11.33
67	CZ-TS-105	GW322 (C)	8.00	14.84	0.00	0.00	4.54	5.48	14.84	10.00	14.00
68	CZ-TS-106	HI1544 (C)	18.82	14.60	0.00	0.00	14.28	9.54	18.82	13.00	10.00
69	CZ-TS-107	HI8737(d) (C)	20.50	MIS	3.33	1.00	16.66	10.37	20.50	22.00	12.33
70	CZ-TS-108	HI 8812 (d)	15.60	MIS	3.33	2.00	7.69	7.16	15.60	19.00	14.33
71	CZ-TS-109	GW 1348 (d)	35.00	MIS	0.00	1.00	7.14	10.79	35.00	12.00	15.00
72	CZ-TS-110	DDW 49 (d)	21.82	12.32	0.00	2.00	14.28	10.08	21.82	17.00	11.33
73	CZ-TS-111	PBW 822 <sup>B</sup>	13.83	6.84	6.66	1.00	10.71	7.81	13.83	20.00	11.33
74	CZ-TS-112	HD 3345 <sup>B</sup>	19.15	12.66	5.00	2.00	7.69	9.30	19.15	22.00	14.33

75	CZ-TS-113	DDW 48 (d)	12.63	6.96	0.00	1.00	9.09	5.94	12.63	13.00	10.66
76	CZ-RI-301	HI8627(d) (C)	25.83	6.40	0.00	2.00	14.28	9.70	25.83	25.00	9.33
77	CZ-RI-302	DBW110 (C)	19.35	11.49	0.00	1.00	10.71	8.51	19.35	24.00	15.00
78	CZ-RI-303	UAS 466(d)*	12.00	8.00	0.00	2.00	7.69	5.94	12.00	25.00	17.00
79	CZ-RI-304	MP3288 (C)	28.82	4.27	0.00	1.00	5.55	7.93	28.82	15.00	12.66
80	CZ-RI-305	DBW 277	8.97	11.40	0.00	2.00	16.66	7.81	16.66	20.00	11.33
80A	INFECTOR	Infector	15.38	25.50	3.33	3.00	13.63	12.17	25.50	28.00	22.66
81	CZ-RI-306	DDW 47(d)* <sup>Q</sup>	27.22	11.81	0.00	4.00	14.28	11.46	27.22	10.00	12.66
82	CZ-LS-201	HD2932 (C)	24.35	11.32	3.33	3.00	8.69	10.14	24.35	20.00	13.33
83	CZ-LS-202	HD2864 (C)	15.83	15.08	0.00	4.00	7.69	8.52	15.83	18.00	10.66
84	CZ-LS-203	MP3336 (C)	15.91	12.57	0.00	1.00	13.63	8.62	15.91	22.00	14.33
85	CZ-LS-204	MP4010 (C)	20.48	9.66	0.00	2.00	9.09	8.25	20.48	20.00	11.66
86	CZ-LS-205	CG1029	29.29	14.74	0.00	1.00	13.63	11.73	29.29	13.00	10.33
87	CZ-LS-206	UAS3002	10.00	10.34	6.66	2.00	8.00	7.40	10.34	16.00	12.66
88	CZ-LS-207	HI1633	15.79	10.00	8.33	1.00	6.25	8.27	15.79	18.00	13.33
89	CZ-LS-208	HI1634	10.55	11.81	3.33	2.00	16.66	8.87	16.66	26.00	11.66
90	CZ-LS-209	HI8808 (d)	26.86	16.30	0.00	1.00	17.39	12.31	26.86	22.00	12.33
91	CZ-LS-210	HI8807 (d)	18.67	15.50	0.00	2.00	13.63	9.96	18.67	10.00	14.00
<b>V. Peninsular Zone</b>											
92	PZ-TS-101	PBW 823 <sup>B</sup>	20.00	15.18	6.66	1.00	13.33	11.23	20.00	10.00	12.66
93	PZ-TS-102	UAS428 (d) (C)	33.33	13.64	0.00	2.00	10.71	11.94	33.33	16.00	13.00
94	PZ-TS-103	DDW 49 (d)	18.31	18.18	0.00	1.00	14.28	10.35	18.31	14.00	10.33
95	PZ-TS-104	UAS 3001	18.57	13.78	0.00	1.00	16.66	10.00	18.57	17.00	9.66
96	PZ-TS-105	MACS3949 (d) (C)	20.80	12.57	0.00	1.00	12.00	9.27	20.80	15.00	10.33
97	PZ-TS-106	MACS6222 (C)	38.00	6.14	5.00	1.00	7.69	11.57	38.00	8.00	15.00
98	PZ-TS-107	GW 322 (C)	17.14	5.99	6.66	2.00	x	7.95	17.14	11.00	10.00
99	PZ-TS-108	DDW 48 (d)	26.40	9.52	0.00	2.00	16.66	10.92	26.40	16.00	11.33
100	PZ-TS-109	MACS6478 (C)	7.50	14.19	0.00	2.00	8.00	6.34	14.19	7.00	13.66
100A	INFECTOR	Infector	15.56	23.88	3.33	3.00	15.38	12.23	23.88	30.00	22.66
101	PZ-TS-110	HD3343 <sup>M</sup>	10.59	13.08	0.00	3.00	7.69	6.87	13.08	13.00	13.66

102	PZ-TS-111	WHD 963 (d)	29.57	9.57	0.00	3.00	16.66	11.76	29.57	13.00	14.33
103	PZ-LS-201	HI8807(d)	24.39	9.15	0.00	3.00	11.58	9.62	24.39	20.00	11.66
104	PZ-LS-202	HI1633	27.22	15.94	0.00	3.00	15.00	12.23	27.22	15.00	9.33
105	PZ-LS-203	UAS 3002	18.00	12.57	6.66	3.00	14.28	10.90	18.00	10.00	15.66
106	PZ-LS-204	Raj4083 (C)	27.03	5.19	8.33	2.00	12.50	11.01	27.03	27.00	10.33
107	PZ-LS-205	HD2932 (C)	10.00	8.22	6.66	3.00	8.00	7.18	10.00	16.00	17.33
108	PZ-LS-206	GW509	11.47	14.84	5.00	2.00	7.69	8.20	14.84	13.00	12.33
109	PZ-LS-207	HD3090 (C)	10.00	7.75	0.00	3.00	8.69	5.89	10.00	10.00	16.66
110	PZ-RI-301	NIAW 3170*	24.71	10.40	0.00	2.00	12.00	9.82	24.71	15.00	13.66
111	PZ-RI-302	GW 1346(d)*	12.07	12.89	0.00	3.00	17.85	9.16	17.85	25.00	12.33
112	PZ-RI-303	MACS 4058(d)*	16.07	14.53	0.00	2.00	15.78	9.68	16.07	9.00	14.66
113	PZ-RI-304	DBW93 (C)	17.50	15.33	6.66	3.00	10.52	10.60	17.50	20.00	11.33
114	PZ-RI-305	HI 8805(d)*	15.00	14.00	0.00	2.00	3.57	6.91	15.00	14.00	15.33
115	PZ-RI-306	AKDW2997-16(d) (C)	19.17	14.00	0.00	3.00	4.00	8.03	19.17	18.00	17.66
116	PZ-RI-307	MACS 6695*	18.10	8.11	0.00	2.00	10.71	7.78	18.10	11.00	12.00
117	PZ-RI-308	UAS446(d) (C)	22.33	8.06	5.00	3.00	10.52	9.78	22.33	24.00	11.00
118	PZ-RI-309	HI1605 (C)	26.67	8.93	5.00	2.00	15.38	11.60	26.67	17.00	13.00
119	PZ-RI-310	MACS 6696*	15.17	10.77	6.66	3.00	10.00	9.12	15.17	18.00	10.33
120	PZ-RI-311	NIDW 1149(d)	24.71	12.20	0.00	2.00	11.11	10.00	24.71	12.00	12.66
120A	INFECTOR	Infector	26.32	23.53	3.33	3.00	13.33	13.90	26.32	30.00	22.66
121	PZ-RI-312	HI 8802(d)*	19.20	6.25	0.00	3.00	12.00	8.09	19.20	10.00	12.33

**VI. Special Trial (Dicoccum)**

122	DIC-IR-101	DDK1029 (C)	40.00	12.75	0.00	2.00	13.63	13.68	40.00	15.00	11.66
123	DIC-IR-102	MACS5052	27.78	9.26	6.66	3.00	12.00	11.74	27.78	23.00	16.33
124	DIC-IR-103	MACS6222 (aest.) (C)	20.00	8.50	0.00	2.00	11.11	8.32	20.00	25.00	14.33
125	DIC-IR-104	DDK1056	22.67	7.09	3.33	3.00	11.53	9.52	22.67	20.00	12.33
126	DIC-IR-105	HW1098 (C)	22.86	13.07	6.66	2.00	11.53	11.22	22.86	25.00	10.33
127	DIC-IR-106	MACS5053	15.79	9.20	5.00	3.00	11.11	8.82	15.79	20.00	13.66
128	DIC-IR-107	DDK1057	36.00	13.79	0.00	2.00	12.00	12.76	36.00	24.00	10.00

**VII. Special Trial- SPL-HYPT**

129	SPL-HYPT-1	HD3317	48.00	6.94	3.33	2.00	15.78	15.21	48.00	17.00	12.00
130	SPL-HYPT-2	WH1254	17.19	15.38	3.33	3.00	9.37	9.65	17.19	20.00	14.66
131	SPL-HYPT-3	DBW301	14.17	19.26	0.00	2.00	13.33	9.75	19.26	28.00	11.33
132	SPL-HYPT-4	WH1270	20.31	6.49	6.66	3.00	14.28	10.15	20.31	25.00	12.66
133	SPL-HYPT-5	HD2967 (C)	28.42	8.24	3.33	2.00	12.00	10.80	28.42	18.00	15.00
134	SPL-HYPT-6	PBW824	12.67	10.87	5.00	3.00	14.28	9.16	14.28	26.00	10.66
135	SPL-HYPT-7	UP3043	11.82	12.42	0.00	2.00	15.00	8.25	15.00	8.00	16.33
136	SPL-HYPT-8	DBW187	20.00	11.73	6.66	3.00	11.53	10.58	20.00	24.00	15.33
137	SPL-HYPT-9	HD3086 (C)	14.29	14.29	5.00	2.00	14.28	9.97	14.29	26.00	11.66
138	SPL-HYPT-10	DBW303	22.81	16.84	0.00	3.00	15.38	11.61	22.81	14.00	11.00
139	SPL-HYPT-11	DBW304	27.50	13.60	3.33	2.00	14.28	12.14	27.50	12.00	10.00
140	SPL-HYPT-12	UP3042	20.00	15.13	0.00	3.00	15.62	10.75	20.00	15.00	12.33
140A	INFECTOR	Infector	26.34	23.81	3.33	3.00	14.00	14.10	26.34	28.00	22.66
141	SPL-HYPT-13	DBW302	29.71	6.86	3.33	2.00	11.53	10.69	29.71	18.00	11.33
142	SPL-HYPT-14	PBW825	16.57	15.38	6.66	2.00	7.14	9.55	16.57	13.00	10.66
143	SPL-HYPT-15	HD3347	26.84	20.00	0.00	3.00	12.00	12.37	26.84	16.00	13.33
<b>VIII. Special Trial ( SPL-AST )</b>											
144	SPL-AST-101	WH1223	10.00	17.11	3.33	3.00	11.53	8.99	17.11	27.00	13.00
145	SPL-AST-102	KRL19 (C)	18.18	18.31	5.00	3.00	9.09	10.72	18.31	17.00	12.00
146	SPL-AST-103	Kharchia65 (C)	14.33	7.46	5.00	3.00	10.00	7.96	14.33	10.00	13.66
147	SPL-AST-104	NW 7060	32.50	6.38	0.00	3.00	8.00	9.98	32.50	14.00	10.33
148	SPL-AST-105	KRL210 (C)	18.52	5.97	5.00	3.00	11.53	8.80	18.52	12.00	14.66
149	SPL-AST-106	WH 1228	38.89	10.14	3.33	3.00	11.53	13.38	38.89	20.00	17.33
150	SPL-AST-107	NW 7062	27.10	10.88	0.00	2.00	16.00	11.20	27.10	10.00	11.66
<b>IX. Special Trial (SPL-VLS )</b>											
151	SPL-VLS-101	PBW757 (C)	36.55	14.29	0.00	2.00	9.37	12.44	36.55	15.00	13.33
152	SPL-VLS-102	WR544 (C)	15.74	18.92	5.00	2.00	15.00	11.33	18.92	14.00	11.66
153	SPL-VLS-103	HD3298	14.93	14.17	0.00	2.00	12.00	8.62	14.93	24.00	14.33
154	SPL-VLS-104	HD3271	9.44	11.65	3.33	2.00	11.53	7.59	11.65	18.00	10.00
155	SPL-VLS-105	DBW14 (C)	7.46	17.43	0.00	3.00	13.33	8.24	17.43	20.00	11.33

156	SPL-VLS-106	DBW71 (C)	31.67	21.79	0.00	3.00	12.00	13.69	31.67	24.00	13.66
157	SPL-VLS-107	HI1621	29.66	18.52	0.00	2.00	12.66	12.57	29.66	9.00	14.33
158	SPL-VLS-108	PBW 797	14.86	8.89	3.33	2.00	15.00	8.82	15.00	12.00	17.66
158A	INFECTOR	Infector	48.00	33.96	3.00	3.00	18.88	21.37	48.00	32.00	22.66