

**Evaluation of National Barley Disease Screening Nursery (NBDSN) entries against foliar aphids during 2022-23**

S.No.	Entry	Foliar aphid score (1-5 scale)			Average Score	Highest Score
		Ludhiana	Kanpur	Karnal		
1.	BH 1045	5	5	5	5.0	5
2.	BH 1047	4	5	5	4.7	5
3.	BH 1048	4	5	5	4.7	5
4.	BH 1049	4	5	5	4.7	5
5.	BH 1050	4	3	4	3.7	4
6.	BH 1051	4	3	3	3.3	4
7.	BH 1052	4	5	5	4.7	5
8.	BH 1053	5	5	5	5.0	5
9.	BH 1054	5	5	5	5.0	5
10.	BH 946 (C)	4	4	5	4.3	5
11.	BHS 352 (C)	4	5	5	4.7	5
12.	BHS 380 (C)	4	5	5	4.7	5
13.	BHS 400	4	4	5	4.3	5
14.	BHS 493	4	5	5	4.7	5
15.	BHS 494	4	5	5	4.7	5
16.	BHS 496	4	5	5	4.7	5
17.	BHS 497	4	5	5	4.7	5
18.	BHS 945	4	5	5	4.7	5
19.	DWRB 137 (C)	4	5	4	4.3	5
20.	DWRB 182 (C)	4	5	4	4.3	5
21.	DWRB 219	5	5	5	5.0	5
22.	DWRB 223	4	5	4	4.3	5
23.	DWRB 226	4	4	5	4.3	5
24.	DWRB 228	4	5	5	4.7	5
25.	DWRB 235	4	4	3	3.7	4
26.	DWRB 236	5	3	3	3.7	5
27.	DWRB 237	4	5	5	4.07	5
28.	DWRB 238	4	3	4	3.7	4
29.	DWRB 239	5	4	5	4.7	5
30.	DWRB 240	4	3	5	4.0	5
31.	DWRB 241	4	5	5	4.7	5
32.	DWRB 242	4	5	5	4.7	5
33.	DWRB 243	4	5	5	4.7	5
34.	DWRB 244	4	5	4	4.3	5
35.	DWRB 245	4	5	4	4.3	5
36.	DWRB 246	4	4	5	4.3	5

37.	DWRUB 52 (C)	5	5	5	5.0	5
38.	HBL 113	4	5	5	4.7	5
39.	HBL 879	5	5	5	5.0	5
40.	HBL 880	3	5	5	4.3	5
41.	HBL 881	4	5	5	4.7	5
42.	HBL 882	4	5	5	4.7	5
43.	HBL 883	4	5	5	4.7	5
44.	HUB 113 (C)	4	5	5	4.7	5
45.	HUB 281	4	4	4	4.0	4
46.	HUB 282	4	5	5	4.7	5
47.	HUB 283	4	2	3	3.0	4
48.	HUB 284 (C)	4	5	5	4.7	5
49.	HUB 285	4	5	5	4.7	5
50.	HUB 286	4	5	5	4.7	5
51.	K 1149 (C)	4	5	4	4.3	5
52.	K 2133	4	5	5	4.7	5
53.	K 603 (C)	4	5	5	4.7	5
54.	KARAN 16 (C)	4	5	5	4.7	5
55.	KB 1425	4	5	5	4.7	5
56.	KB 2004 (C)	5	4	5	4.7	5
57.	KB 2015	4	5	4	4.3	5
58.	KB 2031	4	4	5	4.3	5
59.	KB 2120	5	5	4	4.7	5
60.	KB 2127 (C)	5	4	4	4.3	5
61.	KB 2131	4	5	5	4.7	5
62.	KB 2145	4	4	5	4.3	5
63.	KB 2155	5	5	5	5.0	5
64.	KB 2158	4	2	5	3.7	5
65.	KB 2159	5	5	5	5.0	5
66.	KB 2160	5	5	5	5.0	5
67.	LAKHAN (C)	4	5	5	4.7	5
68.	PL 891 (C)	4	4	4	4.0	4
69.	PL 937	4	5	5	4.7	5
70.	PL 941	4	5	5	4.7	5
71.	PL 942	4	4	4	4.0	4
72.	PL 943	4	5	5	4.7	5
73.	PL 945	5	4	4	4.3	5
74.	PL 946	4	5	5	4.7	5
75.	PL 947	4	4	4	4.0	4
76.	PL 948	4	5	4	4.3	5
77.	PL 949	4	5	4	4.3	5
78.	PL 950	5	5	5	5.0	5
79.	PL 951	4	5	5	4.7	5
80.	PL 952	5	5	5	5.0	5
81.	PL 953	4	5	5	4.7	5

82.	RD 2794 (C)	5	5	5	5.0	5
83.	RD 2849 (C)	5	5	4	4.7	5
84.	RD 2899	4	5	5	4.7	5
85.	RD 2907 (C)	4	5	5	4.7	5
86.	RD 3053	4	5	5	4.7	5
87.	RD 3064	4	5	5	4.7	5
88.	RD 3065	5	5	5	5.0	5
89.	RD 3066	4	3	3	3.3	4
90.	RD 3067	5	5	5	5.0	5
91.	RD 3068	4	5	5	4.7	5
92.	RD 3070	4	5	4	4.3	5
93.	RD 3071	4	5	5	4.7	5
94.	RD 3076	5	5	5	5.0	5
95.	RD 3077	4	2	5	3.7	5
96.	RD 3078	4	5	5	4.7	5
97.	RD 3079	4	5	5	4.7	5
98.	RD 3080	4	5	5	4.7	5
99.	RD 3081	4	2	3	3.0	4
100.	RD 3082	4	4	5	4.3	5
101.	RD 3083	4	5	5	4.7	5
102.	UPB 1104	4	5	5	4.7	5
103.	UPB 1106	4	5	5	4.7	5
104.	UPB 1109	4	5	5	4.7	5
105.	UPB 1110	4	2	3	3.0	4
106.	UPB 1111	4	4	5	4.3	5
107.	UPB 1113	4	5	4	4.3	5
108.	UPB 1114	4	5	5	4.7	5
109.	UPB 1115	4	5	5	4.7	5
110.	UPB 1116	4	4	5	4.3	5
111.	UPB 1117	4	4	5	4.3	5
112.	VLB 118 (C)	5	5	5	5.0	5
113.	VLB 175	4	5	5	4.7	5
114.	VLB 180	4	5	5	4.7	5
115.	VLB 181	4	2	3	3.0	4
116.	VLB 182	4	5	5	4.7	5
117.	VLB 183	4	5	5	4.7	5
118.	VLB 184	5	5	5	5.0	5
<b>118a</b>	<b>Infector</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5.0</b>	<b>5</b>

# Out of 134 entries, few check varieties and entries were found place in many trials and only one check is retained in NBDSN thus resulting 118 entries under NBDSN. Aphid data from locations, Durgapura, Khudwani, Dharwad and Vijapur was rejected due to low incidence of aphids at these locations.