

Response of MDSN entries against foliar aphids and root aphid during 2019-20								
MDSN No.	Entry	Foliar aphid score (1-5 scale)				Average score	Maximum Score	Root Aphid Score (1-5)
Sources : EPPSN 2018-19		Ludhiana	Karnal	Kharibari	Niphad			
A. Resistant to all three rusts								
Source:AVT Ist Year 2017-18								
1	GW1339	4	4	5	5	4.5	5	5
2	GW1346(d)	5	4	5	4	4.5	5	4
3	GW492	5	4	5	4	4.5	5	4
4	HPW441	4	4	5	4	4.3	5	4
5	HPW442	4	4	5	4	4.3	5	4
6	HPW450	5	5	5	4	4.8	5	4
7	HPW459	5	4	3	4	4.0	5	5
8	HS660	5	4	3	4	4.0	5	5
9	K 1601	5	4	4	4	4.3	5	5
10	MACS4059(d)	5	3	3	4	3.8	5	5
11	MACS5051	5	4	4	4	4.3	5	4
12	PBW800	4	4	3	4	3.8	4	5
13	UP3016	4	4	3	4	3.8	4	4
B. Resistant to Stem and Leaf rusts								
Source:AVT Ist Year 2017-18								
14	AKAW4924	4	4	4	5	4.3	5	4
15	DBW223	4	4	3	5	4.0	5	4
16	HI1625	5	4	5	5	4.8	5	4
17	HI1628	4	4	5	4	4.3	5	4
18	HI8800(d)	4	4	5	4	4.3	5	3
19	NIAW3170	4	4	5	4	4.3	5	4
20	PBW757	5	5	5	5	5.0	5	5
20A	GW 173	-	5	5	5	5.0	5	-
20B	IWP 72	-	5	5	5	5.0	5	-
20C	Sonalika	5	5	5	5	5.0	5	-
20D	A-9-30-1	-	5	5	5	5.0	5	5
21	UAS466(d)	4	4	5	5	4.5	5	4
22	WH1235	4	4	4	4	4.0	4	5
C. Resistant to Leaf and Stripe rusts								

Source:AVT Ist Year 2017-18								
23	DBW187	4	3	4	5	4.0	5	4
24	HS661	5	5	4	5	4.8	5	4
25	PBW797	4	4	4	5	4.3	5	4
26	PBW801	5	4	4	5	4.5	5	4
27	MPO 1336	5	5	5	4	4.8	5	5
28	DBW 237	4	4	3	4	3.8	4	4
SISTANT TO STEM AND STRIPE RU								
Source:AVT Ist Year 2017-18								
29	DDK1054	3	3	5	4	3.8	5	4
30	GW491	4	4	5	5	4.5	5	4
31	HI1624	4	4	5	5	4.5	5	5
32	HPW451	4	4	5	4	4.3	5	4
33	PBW763	5	4	5	4	4.5	5	5
34	WH 1218	4	4	5	4	4.3	5	4
34A	GW 173	-	5	5	5	5.0	5	-
34B	IWP 72	-	5	5	5	5.0	5	-
34C	Sonalika	5	5	5	5	5.0	5	-
34D	A-9-30-1	-	5	5	5	5.0	5	5