

against shoot fly and Brown

S.No.		Entry		Response of MPSN entries to Foliar aphid and roo		
		S.No.	Entry	Ludhiana	Niphad	
A. Resistant to all three rusts						
Source:AVT II Year 2015-16		Sources : EPPSN 2017-18				
1	HI 8759 ( d )	A. Resistant to all three rusts				
Source:AVT Ist Year 2015-16		Source:AVT Ist Year 2016-17				
2	HI 8774 ( d )	1	DBW246	5	4	
3	HPPAU 05	2	DBW251	5	4	
4	HPW 423	3	HI8791(d)	5	4	
5	HPW 433	4	HS611	5	4	
6	HS 622	5	HS645	4	5	
7	HS 623	6	PBW777	5	4	
8	HS 626	7	PBW778	4	4	
9	HS 628	8	TL3011 ( T )	5	4	
10	PBW 725	9	TL3012 ( T )	5	4	
11	PBW 756	10	TL3013 ( T )	4	4	
12	PBW 760	11	TL3014 ( T )	5	4	
13	RKD 283 ( d )	12	TL3015 ( T )	4	4	
14	TL 3006 ( T )	13	UAS462(d)	5	5	
15	TL 3007 ( T )	14	VL1013	4	5	
16	TL 3008 ( T )	15	VL3014	5	5	
17	TL 3009 ( T )	16	WH1233	5	5	
18	VL 3002	17	B622	5	5	
19	VL 3012	18	HG110	5	5	
20	WH 1181	B. Resistant to Stem and Leaf rusts				
20A	SONALIKA (C) FOR SF	Source:AVT Ist Year 2016-17				
20B	IWP 72 ( C ) FOR BWM	19	HI1620	5	5	
20C	A 9-30-1 ( C ) FOR FA	20	DDK1052(dic)	5	5	
20D	GW 173 ( C ) FOR RA	20A	A 9-30-1 ( C ) FOR FA		5	
21	WH 1216	20B	GW 173 ( C ) FOR RA		5	
22	WH 1310	20C	IWP 72 ( C ) FOR BWM		5	
23	HS 627	20D	SONALIKA ( C ) FOR SF		4	
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<b>B. Resistant to Stem and Leaf rusts</b>		22	HS644	5	4
<b>Source:AVT II Year 2015-16</b>		23	HS646	5	5
25	HD 3171	24	MACS5047	5	5
26	WB 2	25	MACS5049	5	5
<b>Source:AVT Ist Year 2015-16</b>		26	MACS6677	5	4
27	AKAW 4842	27	VL3013	5	4
28	DBW 179	28	WH1232	5	5
29	DBW 216	29	IWP 5019	5	4
30	DBW 217	30	LINE 1172	5	5
31	DBW 219	<b>C. Resistant to Leaf and Stripe rusts</b>			
32	DDK 1051 (dic.)	<b>Source:AVT IInd Year 2016-17</b>			
33	MACS 5044 (dic.)	31	HI1612	5.0	4
34	MACS 5046 (dic.)	<b>Source:AVT Ist Year 2016-17</b>			
35	NW 6094	32	HD3271	5	4
36	PBW 621	33	HI1619	5	5
37	RKD 292 ( d )	34	HPW439	5	4
38	VL 4001	35	HS648	5	4
39	WH 1215	36	KRL370	5	5
40	UP 2955	37	PBW780	4	4
40A	SONALIKA ( C ) FOR SF	38	WH1316	5	4
40B	IWP 72 ( C ) FOR BWM	38A	A 9-30-1 ( C ) FOR FA	5	5
40C	A 9-30-1 ( C ) FOR FA	38B	GW 173 ( C ) FOR RA	x	5
40D	GW 173 ( C ) FOR RA	38C	IWP 72 ( C ) FOR BWM	x	5
41	VL 3011	38D	SONALIKA ( C ) FOR SF	x	4
<b>C. Resistant to Leaf and Stripe rusts</b>					
<b>Source:AVT Ist Year 2015-16</b>					
42	DBW 220				
43	PBW 757				
44	HPPAU 10				
45	HPW 424				
46	NW 6046				
47	PDW 344 ( d )				
48	UAS 459 ( d )				
49	UP 2954				

Root aphid during 2018-19

Kharihari	Karnal	Average score	Highest score (%)	Root aphid (Ludhiana centre only)
5	4	4.50	5	5
2	4	3.75	5	4
3	5	4.25	5	4
5	5	4.75	5	5
5	5	4.75	5	5
5	4	4.50	5	5
5	4	4.25	5	4
5	4	4.50	5	5
5	5	4.75	5	5
5	4	4.25	5	4
5	4	4.50	5	5
5	4	4.25	5	5
5	4	4.75	5	4
4	5	4.50	5	5
4	5	4.75	5	5
4	5	4.75	5	4
4	5	4.75	5	3
4	5	4.75	5	5
4	4	4.50	5	5
5	5	5.00	5	
4	5	4.67	5	x
5	5	5.00	5	5
4	5	4.67	5	x
5	4	4.33	5	x
-	-	-	-	-

4	4	4.25	5	4
4	5	4.75	5	4
4	5	4.75	5	5
5	5	5.00	5	5
5	4	4.50	5	5
3	4	4.00	5	5
3	5	4.50	5	5
3	4	4.00	5	5
4	5	4.75	5	4

4	4	4.25	5	5

4	4	4.25	5	5
4	4	4.50	5	5
4	4	4.25	5	3
4	4	4.25	5	5
3	5	4.50	5	4
3	4	3.75	4	5
4	4	4.25	5	5
3	5	4.50	5	x
4	5	4.67	5	5
3	5	4.33	5	x
4	4	4.00	4	x
