

**2022-AVT-IR-LS-TAS-NWPZ, 2020-21  
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Delhi		J&K		Punjab						Haryana									
			Delhi		Jammu		Ludhiana		Gurdaspur		Rauni		Faridkot		Hisar		Karnal		Rohtak		Shikohpur	
			Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G
1	JKW261*	NWLS201	59.4	2 1	39.7	3 0	60.9	1 1	48.2	4 0	53.2	1 1	55.2	1 1	53.2	1 1	62.7	3 0	51.6	2 1	48.7	5 0
2	PBW834	NWLS205	59.3	3 1	39.0	5 0	60.6	2 1	53.5	1 1	52.4	2 1	53.2	2 1	50.6	2 1	68.1	1 1	47.0	4 0	49.1	3 0
3	WH1124 (C)	NWLS202	44.3	6 0	43.5	1 1	37.7	6 0	39.7	6 0	43.1	6 0	49.0	3 0	40.1	6 0	49.0	6 0	48.1	3 0	46.6	6 0
4	PBW771 (C)	NWLS203	59.4	1 1	43.1	2 1	58.7	3 1	53.2	2 1	46.0	5 0	46.6	5 0	45.7	5 0	68.1	2 1	42.6	5 0	56.0	1 1
5	HD3059 (C)	NWLS204	58.3	4 1	35.3	6 0	51.2	5 0	47.4	5 0	51.2	3 1	48.8	4 0	49.5	3 1	61.0	4 0	40.7	6 0	52.4	2 1
6	DBW173 (C)	NWLS206	57.4	5 1	39.6	4 0	52.1	4 0	50.7	3 1	48.1	4 0	44.7	6 0	46.0	4 0	59.9	5 0	52.6	1 1	49.0	4 0
G.M.			56.4		40.0		53.5		48.8		49.0		49.6		47.5		61.5		47.1		50.3	
S.E.(M)			1.687		1.137		2.338		1.526		1.362		1.929		1.680		1.277		1.002		1.660	
C.D. (10%)			4.2		2.8		5.8		3.8		3.4		4.8		4.2		3.2		2.5		4.1	
C.V.			6.0		5.7		8.7		6.3		5.6		7.8		7.1		4.2		4.3		6.6	
D.O.S.(dd.mm.yy)			16.12.20		20.12.20		10.12.20		16.12.20		14.12.20		15.12.20		12.12.20		10.12.20		14.12.20		18.12.20	

No. of Trials :            Proposed = 20                            Conducted = 20  
Trials not reported (02) = Bawal (RMT), Sriganaganagar (RMT)

**2022-AVT-IR-LS-TAS-NWPZ, 2020-21  
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Rajasthan				U.P.						UTK					
			Durgapura		Tabiji		Nagina		Bulandshahr		Modipuram		Ujhani		Pantnagar		Kashipur	
			Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G
1	JKW261*	NWLS201	48.6	4 1	43.9	2 1	62.3	3 0	53.8	5 1	55.2	1 1	51.6	5 0	45.6	6 0	55.7	5 0
2	PBW834	NWLS205	50.2	1 1	37.1	4 0	60.6	4 0	56.5	2 1	49.4	3 0	60.6	2 1	55.2	1 1	55.6	6 0
3	WH1124 (C)	NWLS202	37.7	6 0	23.7	6 0	53.0	6 0	48.9	6 0	43.1	6 0	43.8	6 0	47.5	5 0	57.3	4 0
4	PBW771 (C)	NWLS203	50.0	2 1	28.4	5 0	69.8	1 1	57.1	1 1	45.6	5 0	61.1	1 1	54.2	2 1	64.0	1 1
5	HD3059 (C)	NWLS204	48.8	3 1	46.0	1 1	62.7	2 0	54.1	3 1	50.4	2 0	56.3	4 0	53.5	3 1	59.4	3 0
6	DBW173 (C)	NWLS206	47.0	5 1	42.0	3 0	59.1	5 0	53.9	4 1	48.0	4 0	57.1	3 1	51.0	4 0	60.8	2 0
G.M.			47.1		36.9		61.2		54.0		48.6		55.1		51.2		58.8	
S.E.(M)			4.714		1.089		0.975		2.280		0.556		1.694		1.290		1.163	
C.D. (10%)			11.7		2.7		2.4		5.7		1.4		4.2		3.2		2.9	
C.V.			20.0		5.9		3.2		8.4		2.3		6.1		5.0		4.0	
D.O.S.(dd.mm.yy)			15.12.20		21.12.20		10.12.20		10.12.20		14.12.20		14.12.20		23.12.20		19.12.20	

**2022-AVT-IR-LS-TAS-NWPZ, 2020-21  
STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	Delhi			J&K			Punjab			Haryana			Rajasthan			U.P.			UTK			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	JKW261*	NWLS201	59.4	2	1	39.7	3	0	54.4	2	1	54.1	1	1	46.3	2	1	55.7	4	0	50.7	6	0	52.8	3	1
2	PBW834	NWLS205	59.3	3	1	39.0	5	0	54.9	1	1	53.7	2	1	43.7	4	1	56.7	2	1	55.4	4	0	53.2	1	1
3	WH1124 (C)	NWLS202	44.3	6	0	43.5	1	1	42.4	6	0	46.0	6	0	30.7	6	0	47.2	6	0	52.4	5	0	44.2	6	0
4	PBW771 (C)	NWLS203	59.4	1	1	43.1	2	1	51.1	3	0	53.1	3	1	39.2	5	0	58.4	1	1	59.1	1	1	52.8	2	1
5	HD3059 (C)	NWLS204	58.3	4	1	35.3	6	0	49.7	4	0	50.9	5	0	47.4	1	1	55.9	3	0	56.5	2	0	51.5	4	0
6	DBW173 (C)	NWLS206	57.4	5	1	39.6	4	0	48.9	5	0	51.9	4	0	44.5	3	1	54.5	5	0	55.9	3	0	51.1	5	0
G.M.			56.4			40.0			50.2			51.6			42.0			54.8			55.0			50.9		
S.E.(M)			1.687			1.137			0.914			0.716			2.419			0.764			0.868			0.436		
C.D. (10%)			4.2			2.8			2.2			1.7			5.8			1.8			2.1			1.0		

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: AVT-IR-LS-TAS, 2020-21

SN	Variety	Code	Disease Reaction				Agronomic Characteristics								Grain Characteristics			
			Br	ACI	YI	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod. M.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	JKW261*	NW-LS-201	10S	2.2	10S	5.1	65-89	82	109-145	124	83-106	95	5	Ey	A	SH	30-43	37
2	PBW834	NW-LS-205	20S	4.0	10S	6.0	63-88	82	110-145	123	83-100	93	5	Ey	A	SH	35-44	39
3	WH1124 (C)	NW-LS-202	20S	9.0	60S	27.0	57-87	80	103-142	122	78-108	93	10	Ey	A	SH	33-41	38
4	PBW771 (C)	NW-LS-203	5S	1.6	10S	4.0	59-85	79	103-142	121	66-96	83	5	Ey	A	SH	35-44	39
5	HD3059 (C)	NW-LS-204	10S	3.0	20S	11.0	60-89	82	106-145	124	77-103	94	10	Ey	A	SH	34-42	38
6	DBW173 (C)	NW-LS-206	5S	2.0	5S	1.2	67-89	82	107-145	123	90-106	97	10	Ey	A	SH	35-43	39

1. Ancillary data from Bawal, Bulandshahar, Delhi, Durgapura, Faridkot, Gurdaspur, Hisar, Karnal, Jammu, Ludhiana, Modipuram, Nagina, Pantnagar, Rohtak, Shikohpur, Rauni and Tabiji.
2. Lodging data from Bawal, Bulandshahar and Ludhiana.
3. Yellow rust data from Gurdaspur, Jammu, Karnal, Ludhiana & Rauni; Brown rust data from Karnal, Pantnagar, Ludhiana, Delhi and Gurdaspur.

### Individual Station Rust Data

SN	Variety	Code	Yellow rust					Brown rust				
			Gurdaspur	Jammu	Karnal	Ludhiana	Rauni	Karnal	Pantnagar	Ludhiana	Delhi	Gurdaspur
1	JKW261*	NW-LS-201	10S	10S	tMR	5S	0	10S	tS	0	0	0
2	PBW834	NW-LS-205	10S	5S	0	10S	5S	0	20S	0	0	0
3	WH1124 (C)	NW-LS-202	40S	5S	10S	60S	20S	20S	20S	0	0	5S
4	PBW771 (C)	NW-LS-203	5S	10S	0	5S	0	5S	tS	0	5MR	0
5	HD3059 (C)	NW-LS-204	20S	5S	0	20S	10S	10S	5S	0	0	0
6	DBW173 (C)	NW-LS-206	0	0	5S	tS	0	5S	0	5S	0	0