

2122-AVT-IR-LS-TAS-NWPZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Delhi		J&K		Punjab						Haryana							
			Delhi		Jammu		Ludhiana		Gurdaspur		Rauni		Faridkot		Hisar		Karnal		Rohtak	
			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	DBW353	NWLS206	62.7	1 1	46.5	2 1	47.3	5 0	47.4	1 1	41.9	4 0	43.6	4 0	49.3	2 1	49.0	2 1	47.6	6 0
2	DBW173(C)	NWLS201	53.8	5 0	37.2	5 0	50.5	2 1	43.5	2 0	45.9	2 1	47.3	2 0	49.5	1 1	43.8	4 0	72.0	3 0
3	WH1124(C)	NWLS202	47.6	6 0	35.5	6 0	37.0	6 0	38.0	5 0	42.5	3 1	40.7	6 0	27.9	6 0	34.8	6 0	51.9	4 0
4	HD3059(C)	NWLS203	59.7	4 0	41.1	3 0	48.0	4 0	33.5	6 0	47.6	1 1	53.2	1 1	36.7	5 0	37.9	5 0	50.5	5 0
5	JKW261(C)	NWLS204	61.0	3 1	47.6	1 1	48.8	3 0	42.2	3 0	35.9	6 0	46.4	3 0	46.4	3 1	49.6	1 1	72.8	2 0
6	PBW771(C)	NWLS205	61.7	2 1	38.4	4 0	52.3	1 1	41.9	4 0	38.5	5 0	41.8	5 0	38.3	4 0	45.5	3 1	76.6	1 1
G.M.			57.7		41.0		47.3		41.1		42.0		45.5		41.4		43.4		61.9	
S.E.(M)			0.955		1.646		1.265		1.137		2.270		1.406		1.456		2.005		0.891	
C.D. (10%)			2.4		4.1		3.1		2.8		5.6		3.5		3.6		5.0		2.2	
C.V.			3.3		8.0		5.3		5.5		10.8		6.2		7.0		9.2		2.9	
D.O.S(dd.mm.yy)			15.12.21		08.12.21		10.12.21		10.12.21		10.12.21		15.12.21		10.12.21		14.12.21		05.12.21	

No. of Trials : Proposed = 18 Conducted = 18
Trials not reported (03) = Sriganaganagar (RMT), Gwalior (LSM), Ujhani (LSM)

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LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Haryana			UTK			U.P.								
			Bawal			Kashipur			Pantnagar			Nagina		Bulandshahr		Modipuram	
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW353	NWLS206	38.6	5 0	44.6	5 0	47.6	4 1	44.8	1 1	40.9	4 0	54.0	1 1			
2	DBW173(C)	NWLS201	40.3	2 0	45.4	4 0	47.6	5 1	33.5	6 0	43.2	3 0	48.9	3 0			
3	WH1124(C)	NWLS202	38.9	3 0	47.6	3 0	47.7	3 1	39.9	3 0	39.7	6 0	39.0	6 0			
4	HD3059(C)	NWLS203	42.4	1 1	42.6	6 0	50.5	2 1	37.2	5 0	45.0	2 1	49.3	2 0			
5	JKW261(C)	NWLS204	38.0	6 0	49.7	2 0	46.4	6 0	38.1	4 0	40.9	5 0	47.1	4 0			
6	PBW771(C)	NWLS205	38.8	4 0	52.0	1 1	50.6	1 1	42.5	2 0	46.3	1 1	43.4	5 0			
G.M.			39.5		47.0		48.4		39.3		42.7		47.0				
S.E.(M)			0.365		0.509		1.298		0.832		1.113		0.796				
C.D. (10%)			0.9		1.3		3.2		2.1		2.8		2.0				
C.V.			1.8		2.2		5.4		4.2		5.2		3.4				
D.O.S(dd.mm.yy)			10.12.21		07.12.21		14.12.21		05.12.21		14.12.21		14.12.21				

**2122-AVT-IR-LS-TAS-NWPZ, 2021-22
STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	Delhi			J&K			Punjab			Haryana			UTK			U.P.			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW353	NWLS206	62.7	1	1	46.5	2	1	45.1	3	1	46.1	4	0	46.1	6	0	46.6	1	1	47.1	3	1
2	DBW173(C)	NWLS201	53.8	5	0	37.2	5	0	46.8	1	1	51.4	2	1	46.5	5	0	41.9	5	0	46.8	4	1
3	WH1124(C)	NWLS202	47.6	6	0	35.5	6	0	39.5	6	0	38.4	6	0	47.7	3	0	39.5	6	0	40.6	6	0
4	HD3059(C)	NWLS203	59.7	4	0	41.1	3	0	45.6	2	1	41.9	5	0	46.6	4	0	43.8	3	0	45.0	5	0
5	JKW261(C)	NWLS204	61.0	3	1	47.6	1	1	43.3	5	0	51.7	1	1	48.1	2	0	42.0	4	0	47.4	1	1
6	PBW771(C)	NWLS205	61.7	2	1	38.4	4	0	43.6	4	0	49.8	3	0	51.3	1	1	44.1	2	0	47.2	2	1
G.M.			57.7			41.0			44.0			46.5			47.7			43.0			45.7		
S.E.(M)			0.955			1.646			0.791			0.665			0.697			0.534			0.335		
C.D. (10%)			2.4			4.1			1.9			1.6			1.7			1.3			0.8		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: AVT-IR-LS-TAS, 2021-22

SN	Variety	Code	Disease Reaction				Agronomic Characteristics							
			Br	ACI	YI	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	DBW353	NWLS206	10S	3.0	10S	4.3	59-99	83	112-143	125	75-114	101	33-47	39
2	DBW173(C)	NWLS201	30S	5.8	20S	6.0	64-101	86	117-140	127	87-118	99	30-45	37
3	WH1124(C)	NWLS202	60S	35.0	20S	11.7	59-100	83	113-141	125	82-114	96	22-41	34
4	HD3059(C)	NWLS203	5S	1.0	40S	16.7	64-101	84	116-145	127	82-116	94	29-49	37
5	JKW261(C)	NWLS204	5S	2.2	10S	4.8	63-101	84	115-140	126	77-116	98	28-42	36
6	PBW771(C)	NWLS205	tS	0.2	10S	3.5	59-99	82	116-143	126	69-116	91	30-42	35

1. Ancillary data from Bawal, Bulandshahar, Gwalior, Hisar, Delhi, Faridkot, Gurdaspur, Kashipur, Karnal, Sriganaganagar, Jammu, Ludhiana, Pantnagar, Rohtak, and Rauni.
2. Yellow rust data from Gurdaspur, Jammu, Hisar, Delhi, Karnal and Ludhiana; Brown rust data from Karnal, Pantnagar, Ludhiana, Hisar, Delhi and Gurdaspur.

Individual Station Rust Data

SN	Variety	Code	Yellow rust						Brown rust					
			Gurdaspur	Jammu	Hisar	Delhi	Karnal	Ludhiana	Karnal	Pantnagar	Ludhiana	Hisar	Delhi	Gurdaspur
1	DBW353	NWLS206	5MR	10S	0	0	10MR	10S	0	0	0	10S	10MS	0
2	DBW173(C)	NWLS201	20S	tR	10S	0	10MR	5MR	0	0	0	5S	30S	0
3	WH1124(C)	NWLS202	20S	20S	0	0	10S	20S	40S	40S	20S	60S	40S	10S
4	HD3059(C)	NWLS203	40S	5MS	20S	0	40MR	20S	0	0	0	5S	tS	0
5	JKW261(C)	NWLS204	5S	10S	0	0	10S	10MR	0	0	0	5S	10MS	0
6	PBW771(C)	NWLS205	10S	5MS	0	tS	10MR	5MR	0	0	0	0	tS	0