

## 2133-AVT-RI-TS-TAS-NEPZ, 2021-22

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	U.P.																	
			Kanpur			Prayagraj			Araul			Ghaghrahat			Ayodhya			Varanasi		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW359	NERI303	39.1	4	0	44.3	3	1	46.4	3	0	30.2	5	0	44.7	5	0	29.6	5	0
2	H11612(C)	NERI301	44.8	2	0	46.5	2	1	39.2	6	0	32.1	3	1	50.6	1	1	34.3	4	0
3	K1317(C)	NERI302	38.6	5	0	44.2	4	1	48.4	2	1	28.1	6	0	47.3	3	0	35.4	2	1
4	DBW252(C)	NERI304	41.3	3	0	47.4	1	1	44.1	4	0	34.0	2	1	43.0	6	0	34.7	3	0
5	HD3171(C)	NERI305	37.3	6	0	43.5	5	1	39.8	5	0	35.9	1	1	46.0	4	0	17.0	6	0
6	HD3293(C)	NERI306	47.3	1	1	31.6	6	0	49.3	1	1	31.1	4	0	48.3	2	1	41.5	1	1
G.M.			41.4			42.9			44.5			31.9			46.6			32.1		
S.E.(M)			0.939			2.850			0.983			1.830			1.271			2.569		
C.D. (10%)			2.3			7.1			2.4			4.5			3.2			6.4		
C.V.			4.5			13.3			4.4			11.5			5.5			16.0		
D.O.S.(dd.mm.yy)			03.11.21			07.11.21			01.11.21			01.11.21			03.11.21			03.11.21		

No. of Trials : Proposed = 18 Conducted = 18  
Trials not reported (03) = Kalyani (RMT), Purnea (LSM), Dumka (LSM)

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## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	U.P.			Bihar			W.Bengal											
			Gorakhpur			Sabour			RPCAU,Pusa			Coochbehar		Burdwan		Manikchak				
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW359	NERI303	46.5	1	1	40.1	1	1	46.2	5	0	26.2	6	0	34.7	3	1	50.9	3	0
2	H11612(C)	NERI301	26.7	6	0	34.9	4	0	54.7	2	0	30.4	4	0	29.2	5	0	62.6	1	1
3	K1317(C)	NERI302	42.7	3	0	35.1	2	0	50.5	3	0	34.1	1	1	36.4	1	1	45.3	4	0
4	DBW252(C)	NERI304	34.1	4	0	35.1	2	0	38.0	6	0	29.8	5	0	32.4	4	1	55.9	2	1
5	HD3171(C)	NERI305	45.3	2	0	30.9	6	0	49.7	4	0	33.7	2	1	22.5	6	0	42.2	5	0
6	HD3293(C)	NERI306	31.7	5	0	34.5	5	0	56.9	1	1	30.7	3	0	35.6	2	1	40.5	6	0
G.M.			37.8			35.1			49.3			30.8		31.8		49.6				
S.E.(M)			0.470			1.226			0.584			1.259		1.987		3.108				
C.D. (10%)			1.2			3.0			1.4			3.1		4.9		7.7				
C.V.			2.5			7.0			2.4			8.2		12.5		12.5				
D.O.S.(dd.mm.yy)			05.11.21			04.11.21			05.11.21			05.11.21		04.11.21		05.11.21				

## 2133-AVT-RI-TS-TAS-NEPZ, 2021-22

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Jharkhand				Assam				
			Ranchi		Chianki		Shillongani				
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW359	NERI303	41.8	3	0	40.3	4	1	38.6	6	0
2	H11612(C)	NERI301	45.5	2	1	43.7	2	1	40.2	2	1
3	K1317(C)	NERI302	47.4	1	1	45.6	1	1	40.2	2	1
4	DBW252(C)	NERI304	41.8	3	0	41.1	3	1	40.5	1	1
5	HD3171(C)	NERI305	32.8	6	0	33.6	6	0	39.8	5	1
6	HD3293(C)	NERI306	35.4	5	0	36.2	5	0	40.1	4	1
G.M.			40.8		40.1		39.9				
S.E.(M)			2.143		2.145		0.301				
C.D. (10%)			5.3		5.3		0.7				
C.V.			10.5		10.7		1.5				
D.O.S.(dd.mm.yy)			02.11.21		04.11.21		31.10.21				

## 2133-AVT-RI-TS-TAS-NEPZ, 2021-22

## STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	U.P.			Bihar			W.Bengal			Jharkhand			Assam			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW359	NERI303	40.1	3	1	43.1	3	0	37.3	4	0	41.1	4	0	38.6	6	0	40.0	3	0
2	H11612(C)	NERI301	39.2	5	1	44.8	2	1	40.7	1	1	44.6	2	1	40.2	2	1	41.0	2	1
3	K1317(C)	NERI302	40.7	1	1	42.8	4	0	38.6	3	1	46.5	1	1	40.2	2	1	41.3	1	1
4	DBW252(C)	NERI304	39.8	4	1	36.5	6	0	39.4	2	1	41.5	3	0	40.5	1	1	39.6	4	0
5	HD3171(C)	NERI305	37.8	6	0	40.3	5	0	32.8	6	0	33.2	6	0	39.8	5	1	36.7	6	0
6	HD3293(C)	NERI306	40.1	2	1	45.7	1	1	35.6	5	0	35.8	5	0	40.1	4	1	39.4	5	0
G.M.			39.6			42.2			37.4			40.4			39.9			39.6		
S.E.(M)			0.666			0.679			1.299			1.516			0.301			0.462		
C.D. (10%)			1.6			1.6			3.1			3.6			0.7			1.1		

## Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: AVT-RI-TS-TAS-NEPZ, 2021-22

SN	Variety	Code	Agronomic Characteristics										
			Br	LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	DBW359	NERI303	10S	57(45)	62-88	79	116-147	130	72-108	93	5	38-54	47
2	HI1612(C)	NERI301	0	57(34)	74-96	89	123-143	134	77-111	95	15	39-48	44
3	K1317(C)	NERI302	0	68(45)	69-93	86	119-144	133	78-105	94	10	42-54	47
4	DBW252(C)	NERI304	0	57(36)	66-92	86	120-147	132	80-110	97	10	38-50	45
5	HD3171(C)	NERI305	20S	68(34)	55-87	76	119-146	130	77-99	91	0	37-51	45
6	HD3293(C)	NERI306	10S	57(36)	68-91	84	122-148	133	85-113	99	0	39-50	46

1. The ancillary data from Araul, Kanpur, Ghaghraghat, Prayagraj, Ayodhya, Varanasi, Gorakhpur, Sabour, RPCAU-Pusa, Coochbehar, Burdwan, Manikchak, Ranchi, Chianki and Shillongani.
2. Brown rust reported from Araul and Kanpur.
3. Leaf blight data reported from Shillongani, Ayodhya, Manikchak, Coochbehar, Sabour and RPCAU-Pusa,
4. Lodging data from RPCAU-Pusa.

### AVT-RI-TS-TAS-NEPZ, 2021-22

#### North Eastern Plains Zone

#### Individual Station Brown Rust and Leaf Blight Data

SN	Variety	Code	Brown rust		Leaf blight					
			Araul	Kanpur	Shillongani	Ayodhya	Coochbehar	Manikchak	RPCAU Pusa	Sabour
1	DBW359	NERI303	0	10S	57	24	45	35	45	36
2	HI1612(C)	NERI301	0	0	57	12	23	35	34	35
3	K1317(C)	NERI302	0	0	68	24	56	23	34	46
4	DBW252(C)	NERI304	0	0	57	12	45	29	45	45
5	HD3171(C)	NERI305	20S	20S	68	12	56	12	34	34
6	HD3293(C)	NERI306	0	10S	57	24	35	18	45	46