

2333-AVT-RI-TS-TAS-NEPZ, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	U.P.			Bihar				W.Bengal			Jharkhand		Assam														
			Kanpur		Prayagraj		Sabour		RPCAU-Pusa		Manikchak		Kalyani		Burdwan		Ranchi		Shillongani										
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G									
1	JKW304	NERI302	42.9	4	1	35.5	7	1	26.5	5	0	30.2	6	0	33.4	4	0	43.9	1	1	28.7	2	0	53.6	6	0	36.3	4	0
2	HD3460	NERI306	44.7	2	1	37.4	5	1	37.4	2	0	33.6	3	0	33.3	5	0	38.1	4	0	27.7	3	0	59.4	4	1	34.1	6	0
3	HD3171 (C)	NERI301	37.8	7	0	39.6	2	1	25.3	6	0	31.1	5	0	26.0	7	0	37.5	5	0	26.8	4	0	51.2	7	0	36.2	5	0
4	HI1612 (C)	NERI303	45.6	1	1	41.9	1	1	32.6	4	0	40.4	1	1	46.7	1	1	32.7	7	0	26.6	5	0	54.5	5	0	40.7	1	1
5	K1317 (C)	NERI304	41.3	5	1	39.5	4	1	22.1	7	0	26.4	7	0	34.7	3	0	33.6	6	0	26.3	6	0	60.1	3	1	38.2	2	0
6	HD3293 (C)	NERI305	40.8	6	0	36.6	6	1	40.8	1	1	40.3	2	1	32.1	6	0	38.5	3	0	24.4	7	0	62.0	1	1	32.4	7	0
7	DBW252 (C)	NERI307	42.9	3	1	39.5	3	1	33.4	3	0	31.6	4	0	43.7	2	1	40.4	2	0	40.7	1	1	60.4	2	1	37.1	3	0
G.M.			42.3			38.6			31.1			33.4			35.7			37.8			28.7			57.3			36.4		
S.E.(M)			1.937			2.767			0.552			0.614			2.248			0.624			1.021			2.318			0.821		
C.D. (10%)			4.7			6.8			1.4			1.5			5.5			1.5			2.5			5.7			2.0		
C.V.			9.2			14.4			3.5			3.7			12.6			3.3			7.1			8.1			4.5		
D.O.S.(dd.mm.yy)			31.10.23			30.10.23			04.11.23			05.11.23			01.11.23			05.11.23			01.11.23			02.11.23			01.11.23		

No. of Trials : Proposed = 12 Conducted = 12
 Trial not conducted (00) = Nil
 Trials not reported (03) = Ayodhya (RMT), Varanasi (LSM), Dumka (LSM)

2333-AVT-RI-TS-TAS-NEPZ, 2023-24
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	JKW304	NERI302	39.2	5	0	28.3	5	0	35.3	3	0	53.6	6	0	36.3	4	0	36.8	5	0
2	HD3460	NERI306	41.0	3	1	35.5	3	0	33.0	4	0	59.4	4	1	34.1	6	0	38.4	4	0
3	HD3171 (C)	NERI301	38.7	7	0	28.2	6	0	30.1	7	0	51.2	7	0	36.2	5	0	34.6	7	0
4	HI1612 (C)	NERI303	43.7	1	1	36.5	2	0	35.3	2	0	54.5	5	0	40.7	1	1	40.2	2	1
5	K1317 (C)	NERI304	40.4	4	1	24.2	7	0	31.5	6	0	60.1	3	1	38.2	2	0	35.8	6	0
6	HD3293 (C)	NERI305	38.7	6	0	40.6	1	1	31.7	5	0	62.0	1	1	32.4	7	0	38.7	3	0
7	DBW252 (C)	NERI307	41.2	2	1	32.5	4	0	41.6	1	1	60.4	2	1	37.1	3	0	41.1	1	1
G.M.			40.4			32.3			34.1			57.3			36.4			37.9		
S.E.(M)			1.689			0.413			0.849			2.318			0.821			0.551		
C.D. (10%)			4.0			1.0			2.0			5.7			2.0			1.3		

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: AVT-RI-TS-TAS-NEPZ, 2023-24

SN	Variety	Code	Disease Reaction		Agronomic Characteristics						Grain Characteristics	
			LB, HS(Av)	Br	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	JKW304	NERI302	34(13)	0	62-107	82	118-148	131	92-125	99	32-49	42
2	HD3460	NERI306	36(24)	0	63-109	84	114-142	129	86-130	99	30-53	42
3	HD3171 (C)	NERI301	47(35)	40S	54-106	74	110-146	127	84-116	96	34-48	41
4	HI1612 (C)	NERI303	58(24)	5S	66-104	88	115-143	131	87-138	100	30-48	43
5	K1317 (C)	NERI304	48(35)	0	61-102	84	103-146	130	88-134	101	28-50	43
6	HD3293 (C)	NERI305	37(13)	10S	64-108	82	116-148	129	91-126	102	36-51	45
7	DBW252 (C)	NERI307	47(35)	0	63-107	84	115-141	129	83-130	95	37-51	45

1. Ancillary data from Sabour, Burdwan, Coochbehar, Dumka, Kalyani, Kanpur, Prayagraj, Ranchi, RPCAU-Pusa, Shillongani and Varanasi centres.
2. Brown rust data reported from Kanpur.
3. Leaf blight data from Varanasi, Sabour, Burdwan, Manikchak, Kalyani and RPCAU- Pusa.

Individual Station Leaf Blight Data

SN	Variety	Code	Leaf blight					
			Varanasi	Sabour	RPCAU-Pusa	Manikchak	Kalyani	Burdwan
1	JKW304	NERI302	01	24	34	00	25	12
2	HD3460	NERI306	12	35	24	12	36	12
3	HD3171 (C)	NERI301	24	47	46	12	47	12
4	HI1612 (C)	NERI303	12	24	24	01	58	23
5	K1317 (C)	NERI304	46	34	36	12	48	35
6	HD3293 (C)	NERI305	01	24	24	01	37	12
7	DBW252 (C)	NERI307	46	47	34	01	47	34