

**2131-AVT-IR-TS-TAS-NEPZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	U.P.						Bihar						W.Bengal					
			Araul			Ayodhya			Varanasi			RPCAU,Pusa			Coochbehar			Kalyani		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	PBW826#*	NETS106	64.0	4	1	59.2	1	1	59.6	4	0	49.8	7	0	41.3	4	0	41.3	4	0
2	HD3386	NETS104	53.6	7	0	54.3	6	0	63.0	2	1	56.6	4	1	39.9	6	0	38.2	6	0
3	PBW852	NETS108	65.6	2	1	58.4	2	1	60.6	3	0	44.8	9	0	39.0	7	0	45.8	1	1
4	HD3388	NETS109	65.8	1	1	57.3	3	1	67.4	1	1	58.5	2	1	41.0	5	0	38.9	5	0
5	HD3249(C)	NETS101	50.6	8	0	53.3	7	0	54.7	7	0	59.0	1	1	44.4	3	1	44.1	2	1
6	DBW187(C)	NETS102	64.8	3	1	55.2	5	0	59.2	5	0	58.0	3	1	46.9	1	1	41.5	3	0
7	HD2967(C)	NETS103	57.6	6	0	56.8	4	1	46.1	9	0	51.7	6	0	45.6	2	1	35.1	8	0
8	DBW222(C)	NETS105	48.1	9	0	52.5	8	0	52.9	8	0	46.7	8	0	38.4	8	0	34.2	9	0
9	HD3086(C)	NETS107	63.3	5	1	48.8	9	0	55.7	6	0	52.1	5	0	38.0	9	0	37.3	7	0
G.M.			59.3			55.1			57.7			53.0			41.6			39.6		
S.E.(M)			1.317			1.210			2.595			1.014			1.050			0.952		
C.D. (10%)			3.2			2.9			6.3			2.5			2.5			2.3		
C.V.			4.4			4.4			9.0			3.8			5.0			4.8		
D.O.S.(dd.mm.yy)			01.11.21			09.11.21			15.11.21			12.11.21			15.11.21			14.11.21		

No. of Trials : Proposed = 18 Conducted = 18
 Trials not reported (07) = Kanpur (RMT), Prayagraj (LSM, LS), Ghaghraghat (LSM), Gogakhpur (LSM)
 Sabour (LSM), Purnea (LSM), Dumka (LSM)

**2131-AVT-IR-TS-TAS-NEPZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	W.Bengal			Jharkhand			Assam								
			Burdwan			Manikchak			Ranchi			Chianki			Shillongani		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	PBW826#*	NETS106	38.6	4	0	53.1	6	1	56.3	4	1	56.8	2	1	42.3	1	1
2	HD3386	NETS104	38.0	7	0	56.5	3	1	57.8	3	1	55.8	4	1	40.1	8	0
3	PBW852	NETS108	44.3	2	1	58.2	2	1	59.9	1	1	57.3	1	1	40.5	6	0
4	HD3388	NETS109	44.5	1	1	48.4	7	0	53.1	6	0	50.2	7	0	41.8	2	1
5	HD3249(C)	NETS101	38.4	6	0	54.5	5	1	55.7	5	1	54.5	5	1	40.8	4	0
6	DBW187(C)	NETS102	38.5	5	0	55.1	4	1	50.9	7	0	50.4	6	0	40.2	7	0
7	HD2967(C)	NETS103	37.0	8	0	42.6	9	0	58.7	2	1	56.7	3	1	37.4	9	0
8	DBW222(C)	NETS105	39.6	3	0	58.6	1	1	48.8	8	0	47.6	8	0	40.6	5	0
9	HD3086(C)	NETS107	36.6	9	0	45.6	8	0	48.3	9	0	46.9	9	0	41.5	3	1
G.M.			39.5			52.5			54.4			52.9			40.6		
S.E.(M)			1.244			2.735			1.973			2.009			0.522		
C.D. (10%)			3.0			6.6			4.8			4.9			1.3		
C.V.			6.3			10.4			7.3			7.6			2.6		
D.O.S.(dd.mm.yy)			10.11.21			15.11.21			15.11.21			14.11.21			13.11.21		

**2131-AVT-IR-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	PBW826#*	NETS106	60.9	3	0	49.8	7	0	44.8	6	0	56.5	4	1	42.3	1	1	51.1	3	1
2	HD3386	NETS104	56.9	5	0	56.6	4	1	45.8	5	0	56.8	3	1	40.1	8	0	50.3	5	0
3	PBW852	NETS108	61.5	2	1	44.8	9	0	46.4	3	0	58.6	1	1	40.5	6	0	52.2	1	1
4	HD3388	NETS109	63.5	1	1	58.5	2	1	46.3	4	0	51.6	6	0	41.8	2	1	51.5	2	1
5	HD3249(C)	NETS101	52.9	8	0	59.0	1	1	48.1	1	1	55.1	5	0	40.8	4	0	50.0	6	0
6	DBW187(C)	NETS102	59.7	4	0	58.0	3	1	48.0	2	1	50.6	7	0	40.2	7	0	51.0	4	0
7	HD2967(C)	NETS103	53.5	7	0	51.7	6	0	42.4	8	0	57.7	2	1	37.4	9	0	47.8	7	0
8	DBW222(C)	NETS105	51.1	9	0	46.7	8	0	43.5	7	0	48.2	8	0	40.6	5	0	46.2	9	0
9	HD3086(C)	NETS107	55.9	6	0	52.1	5	0	41.9	9	0	47.6	9	0	41.5	3	1	46.7	8	0
G.M.			57.3			53.0			45.2			53.6			40.6			49.6		
S.E.(M)			1.050			1.014			0.695			1.408			0.522			0.500		
C.D. (10%)			2.5			2.5			1.6			3.3			1.3			1.2		

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

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

SN	Variety	Code	Disease Reaction		Agronomic Characteristics							
			Br	LB (HS, Av.)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	PBW826 ^{#*}	NETS106	40S	45(24)	69-92	80	106-141	125	79-98	89	33-48	43
2	HD3386	NETS104	0	35(23)	72-97	82	111-140	126	73-97	90	37-61	46
3	PBW852	NETS108	20S	45(23)	69-99	80	110-140	126	78-97	90	40-57	46
4	HD3388	NETS109	20S	68(45)	70-98	86	110-140	127	75-105	97	35-50	43
5	HD3249(C)	NETS101	0	45(34)	68-93	80	112-140	125	77-103	93	32-50	41
6	DBW187(C)	NETS102	40S	45(34)	66-93	79	112-140	124	78-105	93	31-53	43
7	HD2967(C)	NETS103	40S	45(25)	82-102	93	122-147	133	74-112	97	26-45	39
8	DBW222(C)	NETS105	0	57(34)	71-93	82	114-140	126	74-103	93	30-56	42
9	HD3086(C)	NETS107	60S	68(35)	67-90	78	112-139	124	56-99	88	32-51	40

1. The ancillary data from Araul, Ayodhya, Varanasi, PRCU-Pusa, Coochbehar, Kalyani, Burdwan, Manikchak, Ranchi, Chianki and Shillongani.
2. Brown rust reported from Araul.
3. Leaf blight data reported from Shillongani, Ayodhya, Coochbehar, Kalyani, Manikchak and RPCAU-Pusa.

AVT-IR-TS-TAS-NEPZ, 2021-22 North Eastern Plains Zone Individual Station Leaf Blight Data

SN	Variety	Code	Shillongani	Ayodhya	Coochbehar	Kalyani	Manikchak	RPCAU Pusa	Shillongani
1	PBW826 ^{#*}	NETS106	35	12	34	0	15	45	35
2	HD3386	NETS104	35	12	23	0	12	34	35
3	PBW852	NETS108	35	12	45	0	23	34	35
4	HD3388	NETS109	68	12	35	46	35	45	68
5	HD3249(C)	NETS101	45	24	45	0	24	34	45
6	DBW187(C)	NETS102	45	12	45	0	27	45	45
7	HD2967(C)	NETS103	24	24	45	13	16	45	24
8	DBW222(C)	NETS105	57	34	45	0	21	56	57
9	HD3086(C)	NETS107	68	36	35	0	27	34	68