

**2031-AVT-IR-TS-TAS-NEPZ, 2020-21
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	U.P.									Bihar								
			Kanpur			Prayagraj			Ghaghraghat			Ayodhya			Gorakhpur			Sabour		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HD3406 ^M	NETS104	49.9	3	0	51.9	1	1	40.8	3	1	61.2	3	0	47.7	4	1	40.6	8	0
2	HD3411 ^M	NETS105	46.4	6	0	46.2	4	1	39.0	9	0	57.3	7	0	39.7	7	0	37.3	9	0
3	PBW826 [#]	NETS108	48.6	4	0	45.2	5	1	40.5	6	1	57.7	6	0	48.4	2	1	56.9	1	1
4	HD2733 (C)	NETS101	40.4	9	0	50.7	2	1	40.4	7	1	63.7	1	1	48.0	3	1	43.8	6	0
5	HD3249 (C)	NETS102	44.2	7	0	43.8	6	0	42.1	1	1	60.4	4	0	45.6	6	1	48.6	4	0
6	DBW187(C)	NETS103	47.2	5	0	41.8	8	0	40.6	4	1	59.7	5	0	49.7	1	1	50.0	2	0
7	DBW39 (C)	NETS106	53.3	2	1	41.9	7	0	39.1	8	0	52.1	9	0	39.5	8	0	41.3	7	0
8	HD2967 (C)	NETS107	54.3	1	1	50.5	3	1	40.6	5	1	62.3	2	1	47.7	5	1	45.3	5	0
9	HD3086 (C)	NETS109	42.8	8	0	41.4	9	0	40.8	2	1	56.8	8	0	38.3	9	0	49.3	3	0
G.M.			47.5			45.9			40.4			59.0			44.9			45.9		
S.E.(M)			1.137			3.257			0.945			0.948			1.818			1.442		
C.D. (10%)			2.8			7.9			2.3			2.3			4.4			3.5		
C.V.			4.8			14.2			4.7			3.2			8.1			6.3		
D.O.S.(dd.mm.yy)			23.11.20			23.11.20			21.11.14			23.11.20			25.11.20			17.11.20		

No. of Trials : Proposed = 20 Conducted = 20
 Trials not reported (06) = Araul (LS), Varanasi (LSM), IARI-Pusa (LCV), Purnea (RMT),
 Gauria-Karma (LSM), Shillongani (LSM)

**2031-AVT-IR-TS-TAS-NEPZ, 2020-21
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Bihar			West Bengal											
			RPCAU-Pusa			Coochbehar		Kalyani		Burdwan		Manikchak					
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	HD3406 ^M	NETS104	41.1	8	0	41.2	2	1	42.7	3	0	34.3	5	0	49.9	2	1
2	HD3411 ^M	NETS105	54.0	2	1	42.6	1	1	41.8	5	0	37.2	3	1	45.2	4	0
3	PBW826 [#]	NETS108	53.3	4	1	32.7	8	0	44.4	2	1	39.8	1	1	47.7	3	0
4	HD2733 (C)	NETS101	43.2	6	0	35.1	7	0	42.0	4	0	35.6	4	0	44.4	5	0
5	HD3249 (C)	NETS102	55.4	1	1	36.3	6	0	37.2	8	0	37.7	2	1	43.9	6	0
6	DBW187(C)	NETS103	41.3	7	0	38.1	5	1	37.8	6	0	34.0	6	0	53.3	1	1
7	DBW39 (C)	NETS106	45.7	5	0	38.6	4	1	45.5	1	1	33.9	7	0	43.4	7	0
8	HD2967 (C)	NETS107	53.8	3	1	40.8	3	1	36.6	9	0	32.3	9	0	40.5	8	0
9	HD3086 (C)	NETS109	40.5	9	0	32.4	9	0	37.8	6	0	33.7	8	0	37.9	9	0
G.M.			47.6			37.5			40.7			35.4			45.1		
S.E.(M)			0.960			2.370			0.618			1.519			1.551		
C.D. (10%)			2.3			5.7			1.5			3.7			3.8		
C.V.			4.0			12.6			3.0			8.6			6.9		
D.O.S.(dd.mm.yy)			17.11.20			17.11.20			22.11.20			24.11.20			15.11.20		

**2031-AVT-IR-TS-TAS-NEPZ, 2020-21
LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	Jharkhand								
			Ranchi			Chianki			Dumka		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	HD3406 ^M	NETS104	63.2	5	1	52.9	2	1	40.2	6	0
2	HD3411 ^M	NETS105	65.8	2	1	54.7	1	1	40.9	5	0
3	PBW826 [#]	NETS108	63.4	4	1	42.2	9	0	45.0	3	1
4	HD2733 (C)	NETS101	66.7	1	1	47.2	7	0	43.5	4	1
5	HD3249 (C)	NETS102	59.2	8	0	48.1	6	0	46.8	2	1
6	DBW187(C)	NETS103	60.8	7	0	44.1	8	0	38.3	8	0
7	DBW39 (C)	NETS106	61.6	6	0	48.1	5	0	39.1	7	0
8	HD2967 (C)	NETS107	64.2	3	1	49.4	4	0	36.1	9	0
9	HD3086 (C)	NETS109	47.9	9	0	50.2	3	0	47.3	1	1
G.M.			61.4			48.5			41.9		
S.E.(M)			1.794			1.742			1.684		
C.D. (10%)			4.3			4.2			4.1		
C.V.			5.8			7.2			8.0		
D.O.S.(dd.mm.yy)			17.11.20			24.11.20			24.11.20		

**2031-AVT-IR-TS-TAS-NEPZ, 2020-21
STATE AND ZONAL MEANS (q/ha)**

SN	Variety	Code	U.P.		Bihar		West Bengal		Jharkhand		Zonal	
			Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G	Yield	Rk G
1	HD3406 ^M	NETS104	50.3	2 1	40.9	9 0	42.0	1 1	52.1	3 1	47.0	2 1
2	HD3411 ^M	NETS105	45.7	7 0	45.7	4 0	41.7	2 1	53.8	1 1	46.3	5 0
3	PBW826 [#]	NETS108	48.1	4 0	55.1	1 1	41.2	3 1	50.2	5 0	47.6	1 1
4	HD2733 (C)	NETS101	48.7	3 0	43.5	7 0	39.3	6 0	52.5	2 1	46.1	6 0
5	HD3249 (C)	NETS102	47.2	6 0	52.0	2 0	38.8	7 0	51.4	4 0	46.4	4 0
6	DBW187(C)	NETS103	47.8	5 0	45.7	4 0	40.8	4 1	47.7	9 0	45.5	7 0
7	DBW39 (C)	NETS106	45.2	8 0	43.5	7 0	40.3	5 1	49.6	7 0	44.5	8 0
8	HD2967 (C)	NETS107	51.1	1 1	49.6	3 0	37.6	8 0	49.9	6 0	46.8	3 1
9	HD3086 (C)	NETS109	44.0	9 0	44.9	6 0	35.4	9 0	48.4	8 0	42.6	9 0
G.M.			47.6		46.7		39.7		50.6		45.8	
S.E.(M)			0.825		0.866		0.818		1.005		0.451	
C.D. (10%)			1.9		2.1		1.9		2.4		1.0	

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: AVT-IR-TS-TAS-NEPZ, 2020-21

SN	Variety	Code	Disease Reaction			Agronomic Characteristics								Grain Characteristics			
			Br	ACI	LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	Thr.	Col.	Tex.	TGW.R	TGW.M
1	HD3406 ^M	NETS-104	20S	10.0	57(35)	79-102	88	114-138	126	79-112	101	0	Ey	A	SH	25-44	37
2	HD3411 ^M	NETS-105	10S	5.0	87(45)	76-94	85	112-135	125	77-116	99	20	Ey	A	SH	24-47	38
3	PBW826 [#]	NETS-108	20S	10.0	57(35)	65-89	78	110-128	121	70-106	90	0	Ey	A	SH	26-52	45
4	HD2733 (C)	NETS-101	10S	3.3	59(35)	77-92	85	113-135	125	64-104	89	0	Ey	A	SH	24-55	41
5	HD3249 (C)	NETS-102	40S*	13.3	65(45)	65-83	78	109-129	121	78-113	97	0	Ey	A	So	24-54	42
6	DBW187 (C)	NETS-103	5S	1.7	87(45)	68-84	77	106-132	121	81-110	96	5	Ey	A	SH	25-49	41
7	DBW39 (C)	NETS-106	0	0.0	67(34)	75-93	86	112-135	126	80-124	105	0	Ey	A	SH	25-45	39
8	HD2967 (C)	NETS-107	20S	10.0	35(24)	76-104	91	115-136	128	77-107	98	0	Ey	A	SH	23-47	37
9	HD3086 (C)	NETS-109	30S	15.0	87(45)	62-85	77	105-129	121	74-105	94	0	Ey	A	SH	24-48	39

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

AVT-IR-TS-TAS-NEPZ, 2020-21
North Eastern Plains Zone
Individual Station Brown Rust Data

SN	Variety	Code	Kalyani	Manikchak	Sabour
1	HD3406 ^M	NETS-104	0	20S	10S
2	HD3411 ^M	NETS-105	5S	10S	0
3	PBW826 [#]	NETS-108	20S	10S	0
4	HD2733 (C)	NETS-101	10S	0	0
5	HD3249 (C)	NETS-102	40S	0	0
6	DBW187 (C)	NETS-103	5S	0	0
7	DBW39 (C)	NETS-106	0	0	0
8	HD2967 (C)	NETS-107	0	20S	10S
9	HD3086 (C)	NETS-109	30S	5S	10S

Individual Station Leaf Blight Data

SN	Variety	Code	Ayodhya	Varanasi	Burdwan	Coochbehar	kalyani	Manikchak	RPCAU-Pusa	Sabour	Shillongani
1	HD3406 ^M	NETS-104	23	1	36	46	57	37	43	46	25
2	HD3411 ^M	NETS-105	12	24	45	34	45	39	87	67	25
3	PBW826 [#]	NETS-108	12	46	35	12	57	27	54	47	35
4	HD2733 (C)	NETS-101	12	12	35	24	57	59	54	57	25
5	HD3249 (C)	NETS-102	24	24	45	34	57	59	65	56	25
6	DBW187 (C)	NETS-103	24	35	35	34	35	35	87	46	36
7	DBW39 (C)	NETS-106	34	12	24	45	35	25	43	67	35
8	HD2967 (C)	NETS-107	35	0	35	34	24	15	32	35	25
9	HD3086 (C)	NETS-109	23	35	24	23	45	36	87	57	35