

2331-AVT-IR-TS-TAS-NEPZ, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	U.P.			Bihar				W.Bengal						Jharkhand										
			Kanpur			Varanasi			Sabour		RPCAU-Pusa		Manikchak		Kalyani		Burdwan		Ranchi							
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	DBW386*	NETS112	58.4	9	0	56.0	5	0	47.2	8	0	44.3	10	0	62.7	8	1	39.6	13	0	38.8	13	0	56.6	2	1
2	UP3123	NETS101	47.0	15	0	43.3	14	0	37.5	15	0	41.7	12	0	55.9	15	0	40.3	12	0	36.0	14	0	52.1	5	0
3	HD3447	NETS102	63.6	4	1	33.8	16	0	34.8	16	0	35.5	15	0	57.0	14	0	38.2	15	0	28.6	16	0	48.3	11	0
4	PBW908	NETS103	51.3	12	0	63.0	1	1	40.2	12	0	50.3	3	0	65.4	2	1	47.7	1	1	47.8	3	1	42.4	13	0
5	PBW915	NETS104	62.9	5	0	56.7	4	0	50.9	5	0	53.6	1	1	65.4	3	1	47.0	2	1	44.5	5	0	59.9	1	1
6	HP1978	NETS109	54.1	10	0	55.6	6	0	43.0	9	0	44.3	9	0	63.6	7	1	46.8	3	1	44.2	7	0	55.2	3	1
7	KRL2106	NETS110	61.2	7	0	35.2	15	0	38.2	14	0	31.3	16	0	46.9	16	0	32.3	16	0	33.7	15	0	39.6	14	0
8	PBW913	NETS111	65.3	2	1	53.2	8	0	42.3	10	0	51.9	2	1	61.8	12	1	39.1	14	0	42.0	9	0	39.6	15	0
9	HD3467	NETS114	53.3	11	0	57.6	3	0	48.6	6	0	48.7	4	0	62.5	9	1	42.4	8	0	47.9	2	1	49.1	9	0
10	BCW29	NETS115	40.8	16	0	61.8	2	1	56.5	2	1	43.7	11	0	67.3	1	1	43.2	5	0	40.4	10	0	47.2	12	0
11	UP3124	NETS116	51.1	13	0	51.4	11	0	48.6	7	0	39.3	14	0	59.9	13	0	42.3	9	0	39.5	12	0	35.8	16	0
12	DBW222 (C)	NETS105	48.6	14	0	47.7	13	0	55.1	4	0	44.7	7	0	62.4	10	1	43.1	6	0	45.8	4	0	53.8	4	1
13	PBW826 (C)	NETS106	65.2	3	1	54.9	7	0	40.9	11	0	39.8	13	0	63.9	5	1	41.3	11	0	40.2	11	0	49.3	8	0
14	HD3249 (C)	NETS113	65.9	1	1	52.3	9	0	56.3	3	1	47.1	5	0	65.3	4	1	43.5	4	0	44.3	6	0	50.3	6	0
15	DBW187 (C)	NETS117	61.4	6	0	52.3	9	0	57.8	1	1	45.0	6	0	62.1	11	1	41.5	10	0	49.7	1	1	49.3	7	0
16	HD3388(I)(C)	NETS107	58.5	8	0	50.0	12	0	38.7	13	0	44.6	8	0	63.8	6	1	42.5	7	0	43.2	8	0	49.0	10	0
G.M.			56.8			51.5			46.0			44.1			61.6			41.9			41.7			48.6		
S.E.(M)			1.197			2.172			0.885			0.765			2.325			1.056			1.617			2.681		
C.D. (10%)			2.8			5.2			2.1			1.8			5.5			2.5			3.8			6.4		
C.V.			4.2			8.4			3.8			3.5			7.5			5.0			7.8			11.0		
D.O.S.(dd.mm.yy)			11.11.23			19.11.23			08.11.23			14.11.23			04.11.23			15.11.23			11.11.23			13.11.23		

No. of Trials : Proposed = 12 Conducted = 12
 Trial not conducted (00) = Nil
 Trials not reported (04) = Prayagraj (LSM), Ayodhya (LSM), Dumka (LSM), Shillongani (LSM)

2331-AVT-IR-TS-TAS-NEPZ, 2023-24
STATE AND ZONAL MEANS (q/ha)

SN	Variety	Code	U.P.			Bihar			W.Bengal			Jharkhand			Zonal		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW386*	NETS112	57.2	5	1	45.7	8	0	47.0	13	0	56.6	2	1	50.5	7	0
2	UP3123	NETS101	45.1	16	0	39.6	14	0	44.0	14	0	52.1	5	0	44.2	14	0
3	HD3447	NETS102	48.7	13	0	35.1	15	0	41.3	15	0	48.3	11	0	42.5	15	0
4	PBW908	NETS103	57.2	6	1	45.2	9	0	53.7	1	1	42.4	13	0	51.0	5	0
5	PBW915	NETS104	59.8	2	1	52.2	1	1	52.3	2	1	59.9	1	1	55.1	1	1
6	HP1978	NETS109	54.8	9	0	43.6	11	0	51.5	3	1	55.2	3	1	50.8	6	0
7	KRL2106	NETS110	48.2	14	0	34.7	16	0	37.6	16	0	39.6	14	0	39.8	16	0
8	PBW913	NETS111	59.3	3	1	47.1	7	0	47.6	11	0	39.6	15	0	49.4	11	0
9	HD3467	NETS114	55.4	8	0	48.7	6	0	50.9	6	0	49.1	9	0	51.3	4	0
10	BCW29	NETS115	51.3	11	0	50.1	4	0	50.3	8	0	47.2	12	0	50.1	9	0
11	UP3124	NETS116	51.3	12	0	43.9	10	0	47.2	12	0	35.8	16	0	46.0	13	0
12	DBW222 (C)	NETS105	48.1	15	0	49.9	5	0	50.5	7	0	53.8	4	1	50.2	8	0
13	PBW826 (C)	NETS106	60.0	1	1	40.4	13	0	48.4	10	0	49.3	8	0	49.4	10	0
14	HD3249 (C)	NETS113	59.1	4	1	51.7	2	1	51.0	5	0	50.3	6	0	53.1	2	0
15	DBW187 (C)	NETS117	56.9	7	0	51.4	3	1	51.1	4	0	49.3	7	0	52.4	3	0
16	HD3388(I)(C)	NETS107	54.3	10	0	41.6	12	0	49.8	9	0	49.0	10	0	48.8	12	0
G.M.			54.2			45.1			48.4			48.6			49.0		
S.E.(M)			1.240			0.585			1.007			2.681			0.610		
C.D. (10%)			2.9			1.4			2.4			6.4			1.4		

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

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

SN	Variety	Code	Disease reaction	Agronomic Characteristics						Grain Characteristics	
			LB, HS(Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	DBW386*	NETS112	47(35)	60-92	79	84-131	119	89-113	102	28-48	41
2	UP3123	NETS101	46(35)	65-94	81	90-132	121	85-105	96	27-54	41
3	HD3447	NETS102	47(35)	71-100	89	98-144	127	92-109	100	27-49	39
4	PBW908	NETS103	46(35)	63-92	81	86-133	120	86-103	95	35-50	43
5	PBW915	NETS104	57(24)	68-97	86	90-138	123	88-105	97	34-46	40
6	HP1978	NETS109	47(24)	69-98	87	94-141	125	92-107	98	32-48	42
7	KRL2106	NETS110	46(24)	61-115	95	115-147	135	91-113	105	23-43	33
8	PBW913	NETS111	47(35)	62-95	83	90-133	123	82-103	95	26-46	40
9	HD3467	NETS114	35(24)	64-97	85	92-136	124	91-110	101	35-51	42
10	BCW29	NETS115	35(24)	63-99	87	91-145	125	86-107	99	32-45	40
11	UP3124	NETS116	46(35)	61-92	80	87-132	120	87-102	95	34-46	43
12	DBW222 (C)	NETS105	47(35)	63-93	83	93-137	123	85-104	97	35-47	41
13	PBW826 (C)	NETS106	57(35)	60-90	80	88-132	121	81-97	92	35-52	46
14	HD3249 (C)	NETS113	68(35)	62-94	80	88-135	119	86-109	99	35-52	43
15	DBW187 (C)	NETS117	57(35)	63-93	80	89-132	120	89-108	97	30-49	42
16	HD3388(I) (C)	NETS107	58(35)	70-95	85	93-138	124	96-110	102	35-50	43

1. Ancillary data from Ayodhya, Sabour, Burdwan, Kalyani, Kanpur, Prayagraj, Ranchi, Manikchak, RPCAU-Pusa, Shillongani and Varanasi.
2. Leaf blight data reported from Varanasi, Sabour, RPCAU, Pusa, Manikchak, Kalyani, Burdwan and Ayodhya

Trial: AVT-IR-TS-TAS-NEPZ, 2023-24
Individual Station Leaf Blight Data

SN	Variety	Code	Leaf blight						
			Varanasi	Sabour	RPCAU-Pusa	Manikchak	Kalyani	Burdwan	Ayodhya
1	DBW386*	NETS112	46	35	34	02	47	35	35
2	UP3123	NETS101	46	24	34	01	46	24	46
3	HD3447	NETS102	46	24	24	01	47	34	35
4	PBW908	NETS103	35	24	24	02	35	45	46
5	PBW915	NETS104	24	24	24	01	24	13	57
6	HP1978	NETS109	24	24	34	01	13	25	47
7	KRL2106	NETS110	00	12	46	24	13	45	35
8	PBW913	NETS111	35	34	24	01	47	35	46
9	HD3467	NETS114	24	24	24	00	24	35	35
10	BCW29	NETS115	24	24	24	01	24	23	35
11	UP3124	NETS116	35	46	46	01	24	35	46
12	DBW222 (C)	NETS105	35	24	34	12	47	13	46
13	PBW826 (C)	NETS106	57	46	34	01	25	45	46
14	HD3249 (C)	NETS113	57	24	46	01	68	34	46
15	DBW187 (C)	NETS117	57	24	34	12	46	56	25
16	HD3388(I) (C)	NETS107	58	24	24	12	35	24	57