

**2332-AVT-IR-LS-TAS-NEPZ, 2023-24**  
**LOCATIONWISE MEAN YIELD (q/ha)**

SN	Variety	Code	U.P.				Bihar				W.Bengal			Jharkhand		Assam																			
			Kanpur		Prayagraj		Ayodhya		Varanasi		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	Yield	Rk	G	Yield	Rk	G									
1	WH1323	NELS202	35.7	8	0	40.8	5	1	42.1	6	0	39.9	8	0	36.5	5	0	32.3	8	0	58.1	2	1	43.2	2	1	32.4	6	0	35.1	8	0	46.9	1	1
2	RAJ4581	NELS203	46.5	3	0	41.4	4	1	47.8	1	1	47.8	4	1	41.9	1	1	40.6	1	1	53.6	5	0	44.8	1	1	36.9	1	1	49.4	2	1	39.4	8	0
3	WH1324	NELS204	46.2	4	0	42.6	2	1	44.6	5	1	43.7	5	0	31.5	8	0	35.1	5	0	56.2	4	1	40.1	7	0	30.3	7	0	40.3	7	0	44.7	4	0
4	HI1563 (C)	NELS201	51.7	2	1	45.2	1	1	46.9	3	1	43.5	6	0	39.2	3	0	37.6	3	0	60.0	1	1	40.4	6	0	32.8	4	0	51.5	1	1	46.0	2	1
5	DBW107 (C)	NELS205	44.2	5	0	35.9	7	0	44.8	4	1	49.4	2	1	32.9	7	0	39.5	2	1	50.3	6	0	41.4	4	0	32.6	5	0	45.7	6	0	41.1	6	0
6	PBW833 (C)	NELS206	41.6	7	0	33.5	8	0	47.7	2	1	50.9	1	1	38.9	4	0	34.6	6	0	56.9	3	1	42.5	3	0	35.1	2	1	46.3	5	0	42.5	5	0
7	HD3118 (C)	NELS207	43.4	6	0	41.9	3	1	38.2	8	0	48.1	3	1	35.4	6	0	36.3	4	0	44.6	7	0	41.2	5	0	29.6	8	0	48.4	3	1	40.3	7	0
8	HI1621 (C)	NELS208	52.5	1	1	39.9	6	0	39.4	7	0	43.0	7	0	39.3	2	0	32.5	7	0	41.8	8	0	39.4	8	0	34.1	3	1	47.1	4	1	45.2	3	1
G.M.			45.2			40.1			43.9			45.8			37.0			36.1			52.7			41.6			32.9			45.5			43.3		
S.E.(M)			1.690			1.954			1.698			1.682			0.711			0.540			2.619			0.722			1.222			2.077			0.882		
C.D. (10%)			4.1			4.8			4.1			4.1			1.7			1.3			6.4			1.8			3.0			5.1			2.1		
C.V.			7.5			9.7			7.7			7.3			3.8			3.0			9.9			3.5			7.4			9.1			4.1		
D.O.S.(dd.mm.yy)			12.12.23			14.12.23			14.12.23			16.12.23			15.12.23			14.12.23			14.12.23			14.12.23			15.12.23			13.12.23			06.12.23		

No. of Trials : Proposed = 11                      Conducted = 11  
Trials not conducted (00) = Nil  
Trials not reported (00) = Nil

**2332-AVT-IR-LS-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			
1	WH1323	NELS202	39.6	8	0	34.4	7	0	44.6	3	1	35.1	8	0	46.9	1	1	40.3	8	0
2	RAJ4581	NELS203	45.9	2	1	41.3	1	1	45.1	1	1	49.4	2	1	39.4	8	0	44.6	2	1
3	WH1324	NELS204	44.3	3	0	33.3	8	0	42.2	5	0	40.3	7	0	44.7	4	0	41.4	5	0
4	HI1563 (C)	NELS201	46.8	1	1	38.4	2	1	44.4	4	1	51.5	1	1	46.0	2	1	45.0	1	1
5	DBW107 (C)	NELS205	43.5	5	0	36.2	4	0	41.4	6	0	45.7	6	0	41.1	6	0	41.6	4	0
6	PBW833 (C)	NELS206	43.4	6	0	36.8	3	1	44.8	2	1	46.3	5	0	42.5	5	0	42.8	3	0
7	HD3118 (C)	NELS207	42.9	7	0	35.9	6	0	38.4	7	0	48.4	3	1	40.3	7	0	40.7	7	0
8	HI1621 (C)	NELS208	43.7	4	0	35.9	5	0	38.4	8	0	47.1	4	1	45.2	3	1	41.3	6	0
G.M.			43.8			36.5			42.4			45.5			43.3			42.2		
S.E.(M)			0.880			0.446			0.993			2.077			0.882			0.474		
C.D. (10%)			2.1			1.1			2.3			5.1			2.1			1.1		

## Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: AVT-IR-LS-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	WH1323	NELS202	57(24)	64-86	74	103-121	112	77-103	94	38-43	40
2	RAJ4581	NELS203	35(24)	62-81	71	99-122	110	86-104	95	31-48	40
3	WH1324	NELS204	57(24)	64-85	75	103-127	112	82-103	94	33-48	41
4	HI1563 (C)	NELS201	78(35)	55-79	67	97-119	108	80-105	92	34-43	39
5	DBW107 (C)	NELS205	35(24)	63-85	73	100-124	112	75-96	90	24-45	36
6	PBW833 (C)	NELS206	35(24)	67-87	76	105-126	115	80-101	91	34-47	41
7	HD3118 (C)	NELS207	35(24)	67-85	75	105-123	113	85-109	99	36-41	33
8	HI1621 (C)	NELS208	89(35)	62-82	71	99-121	108	84-97	91	31-42	37

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

### Individual Station Leaf Blight Data

SN	Variety	Code	Leaf blight					
			Varanasi	Sabour	RPCAU-Pusa	Manikchak	Kalyani	Burdwan
1	WH1323	NELS202	57	23	24	12	35	13
2	RAJ4581	NELS203	35	24	34	12	24	25
3	WH1324	NELS204	57	24	24	12	35	25
4	HI1563 (C)	NELS201	78	35	24	35	23	25
5	DBW107 (C)	NELS205	35	23	34	24	25	35
6	PBW833 (C)	NELS206	24	35	24	24	24	13
7	HD3118 (C)	NELS207	24	24	24	13	35	35
8	HI1621 (C)	NELS208	89	24	34	24	35	35