

2132-AVT-IR-LS-TAS-NEPZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	U.P.												Bihar								
			Kanpur			Araul			Ghaghrahat			Ayodhya			Varanasi			Gorakhpur			Sabour		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1	DBW316 ^{#*}	NELS201	40.9	5	0	41.5	4	0	43.4	1	1	46.2	6	1	49.5	5	1	33.0	6	0	32.7	8	0
2	PBW833 [*]	NELS203	42.7	4	0	46.9	1	1	37.0	4	0	48.0	3	1	52.1	1	1	37.6	5	0	36.2	4	0
3	PBW835 ^{Q*}	NELS208	46.2	1	1	40.5	5	0	32.4	8	0	47.2	5	1	46.3	7	0	32.6	7	0	40.9	1	1
4	HD3392	NELS204	36.9	8	0	43.2	3	0	37.2	3	0	47.6	4	1	45.3	8	0	48.8	1	1	33.6	6	0
5	HI1621(C)	NELS202	38.6	7	0	39.3	6	0	34.0	7	0	44.9	7	1	52.0	2	1	48.5	2	1	33.4	7	0
6	HD3118(C)	NELS205	39.8	6	0	38.6	7	0	40.1	2	1	44.1	8	1	48.4	6	0	42.1	4	0	39.5	2	1
7	DBW107(C)	NELS206	43.5	3	0	43.6	2	0	36.3	5	0	48.1	2	1	50.2	4	1	42.1	3	0	39.5	3	1
8	HI1563(C)	NELS207	44.9	2	1	36.3	8	0	35.1	6	0	48.2	1	1	51.7	3	1	26.3	8	0	35.2	5	0
G.M.			41.7			41.2			36.9			46.8			49.4			38.9			36.4		
S.E.(M)			0.897			0.873			2.469			1.907			1.106			0.862			0.791		
C.D. (10%)			2.2			2.1			6.0			4.6			2.7			2.1			1.9		
C.V.			4.3			4.2			13.4			8.2			4.5			4.4			4.3		
D.O.S.(dd.mm.yy)			14.12.21			15.12.21			06.12.21			11.12.21			08.12.21			09.12.21			14.12.21		

No. of Trials : Proposed = 18 Conducted = 18
Trials not reported (04) = Prayagraj (RMT), Purnea (LSM), Burdwan (LSM, LS), Dumka (LSM)

2132-AVT-IR-LS-TAS-NEPZ, 2021-22
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	Bihar			W. Bengal						Jharkhand			Assam								
			RPCAU,Pusa			Coochbehar		Kalyani		Manikchak		Ranchi		Chianki		Shillongani							
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1	DBW316 ^{#*}	NELS201	33.1	5	0	33.2	6	0	39.0	6	0	31.9	4	1	41.7	8	0	42.6	8	0	42.6	5	0
2	PBW833 [*]	NELS203	43.0	1	1	28.8	8	0	42.6	1	1	28.2	5	0	50.9	4	1	48.4	6	1	42.4	6	0
3	PBW835 ^{Q*}	NELS208	28.9	8	0	34.8	4	0	40.7	2	1	34.5	2	1	50.3	6	1	49.5	3	1	42.6	4	0
4	HD3392	NELS204	32.2	6	0	33.8	5	0	40.7	3	1	27.0	7	0	49.6	7	0	46.5	7	0	38.4	8	0
5	HI1621(C)	NELS202	41.3	2	1	36.7	3	1	38.6	7	0	27.5	6	0	51.9	2	1	49.2	4	1	45.0	2	1
6	HD3118(C)	NELS205	29.4	7	0	37.6	2	1	39.4	5	1	32.8	3	1	50.7	5	1	48.9	5	1	40.2	7	0
7	DBW107(C)	NELS206	38.7	3	0	38.6	1	1	36.7	8	0	37.4	1	1	51.9	2	1	50.1	2	1	44.3	3	1
8	HI1563(C)	NELS207	34.6	4	0	32.9	7	0	39.9	4	1	23.4	8	0	55.4	1	1	52.4	1	1	45.2	1	1
G.M.			35.2			34.5			39.7			30.3			50.3			48.5			42.6		
S.E.(M)			0.750			1.175			1.415			2.274			2.152			2.161			0.664		
C.D. (10%)			1.8			2.9			3.4			5.5			5.2			5.3			1.6		
C.V.			4.3			6.8			7.1			15.0			8.6			8.9			3.1		
D.O.S.(dd.mm.yy)			07.12.21			11.12.21			10.12.21			14.12.21			15.12.21			06.12.21			10.12.21		

2132-AVT-IR-LS-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	DBW316 ^{#*}	NELS201	42.4	5	0	32.9	8	0	34.7	4	0	42.1	8	0	42.6	5	0	39.4	8	0			
2	PBW833 [*]	NELS203	44.1	1	1	39.6	1	1	33.2	7	0	49.7	6	0	42.4	6	0	41.8	2	0			
3	PBW835 ^{Q*}	NELS208	40.9	7	0	34.9	4	0	36.7	2	1	49.9	4	0	42.6	4	0	40.5	5	0			
4	HD3392	NELS204	43.2	3	1	32.9	7	0	33.8	6	0	48.1	7	0	38.4	8	0	40.1	7	0			
5	HI1621(C)	NELS202	42.9	4	1	37.3	3	0	34.3	5	0	50.5	3	1	45.0	2	1	41.5	3	0			
6	HD3118(C)	NELS205	42.2	6	0	34.5	6	0	36.6	3	1	49.8	5	0	40.2	7	0	40.8	4	0			
7	DBW107(C)	NELS206	44.0	2	1	39.1	2	1	37.5	1	1	51.0	2	1	44.3	3	1	42.9	1	1			
8	HI1563(C)	NELS207	40.4	8	0	34.9	5	0	32.1	8	0	53.9	1	1	45.2	1	1	40.1	6	0			
G.M.			42.5			35.8			34.9			49.4			42.6			40.9					
S.E.(M)			0.607			0.545			0.975			1.525			0.664			0.409					
C.D. (10%)			1.4			1.3			2.3			3.6			1.6			1.0					

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

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

SN	Variety	Code	Agronomic Characteristics										
			Br	LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.HS	TGW.R	TGW.M
1	DBW316 ^{#*}	NELS201	0	34(23)	62-83	73	92-129	109	78-103	94	10	28-46	39
2	PBW833 [*]	NELS203	0	45(24)	66-85	75	97-128	110	81-103	93	0	31-48	38
3	PBW835 ^{Q*}	NELS208	0	57(24)	58-81	70	88-128	106	79-99	94	10	28-50	38
4	HD3392	NELS204	10S	46(24)	63-83	73	95-129	110	82-104	95	0	23-42	33
5	HI1621(C)	NELS202	20S	56(24)	60-81	70	90-126	105	80-102	94	25	27-43	38
6	HD3118(C)	NELS205	20S	45(24)	61-82	72	92-126	107	79-114	99	0	28-44	38
7	DBW107(C)	NELS206	40S	34(24)	61-80	70	93-125	106	79-101	92	5	30-46	39
8	HI1563(C)	NELS207	tMR	56(35)	56-80	67	91-124	108	78-103	94	30	28-44	38

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

AVT-IR-LS-TAS-NEPZ, 2021-22
North Eastern Plains Zone

Individual Station Brown Rust Data

SN	Variety	Code	Araul	Kanpur
1	DBW316 ^{#*}	NELS201	0	0
2	PBW833*	NELS203	0	0
3	PBW835 ^{Q*}	NELS208	0	0
4	HD3392	NELS204	tMR	10S
5	HI1621(C)	NELS202	20S	5S
6	HD3118(C)	NELS205	20S	20S
7	DBW107(C)	NELS206	40S	tMR
8	HI1563(C)	NELS207	tMR	0

Individual Station Leaf Blight Data

SN	Variety	Code	Shillongani	Ayodhya	Burdwan	Coochbehar	Kalyani	Manikchak	RPCAU Pusa
1	DBW316 ^{#*}	NELS201	12	12	22	34	24	15	34
2	PBW833*	NELS203	12	35	26	23	13	14	45
3	PBW835 ^{Q*}	NELS208	12	12	26	56	57	13	23
4	HD3392	NELS204	23	12	26	35	46	13	34
5	HI1621(C)	NELS202	12	36	23	12	56	12	34
6	HD3118(C)	NELS205	12	36	26	34	45	12	34
7	DBW107(C)	NELS206	12	24	24	34	24	15	34
8	HI1563(C)	NELS207	12	36	16	56	45	24	45