

AVT-RF-TS-TAS-NEPZ, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Uttar Pradesh											
			Deegh			Faizabad			Kanpur			Varanasi		
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
1.	HD 3171	NE-RF-01	25.4	3	0	37.0	2	1	31.7	2	1	16.9	3	0
2.	K 1317	NE-RF-02	32.3	1	1	38.6	1	1	33.8	1	1	21.0	2	0
3.	HD 2888 (C)	NE-RF-03	25.4	3	0	31.4	5	0	30.2	3	1	27.4	1	1
4.	C 306 (C)	NE-RF-04	22.7	5	0	34.8	3	1	30.2	4	1	14.2	4	0
5.	K 8027 (C)	NE-RF-05	28.8	2	0	33.1	4	1	27.5	5	0	14.2	5	0
G.M.			26.9			35.0			30.7			18.7		
S.E.(M)			0.721			2.069			1.162			0.964		
C.D.			2.2			6.4			3.6			3.0		
C.V.			5.4			11.8			7.6			10.3		
D.O.S. (d.m.y)			8.11.2014			10.11.2014			9.11.2014			6.11.2014		

Trials proposed & conducted = 12

Trials not reported (2) = Kharibari (RMT), Shillongani (RMT)

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Locationwise Mean Yield (q/ha)

SN	Variety	Code	Bihar	Bihar	Jharkhand	West Bengal														
			Sabour	IARI-Pusa	Ranchi	Coochbehar		Manikchak		Kalyani										
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G						
1.	HD 3171	NE-RF-01	17.7	5	0	39.2	1	1	24.4	3	0	37.9	1	1	46.8	1	1	29.8	2	1
2.	K 1317	NE-RF-02	28.2	2	1	35.4	2	0	21.9	4	0	33.8	3	1	35.7	2	0	31.7	1	1
3.	HD 2888 (C)	NE-RF-03	29.5	1	1	32.8	4	0	25.6	2	1	29.7	5	0	20.8	5	0	28.3	3	0
4.	C 306 (C)	NE-RF-04	25.5	3	0	33.2	3	0	27.6	1	1	31.0	4	0	26.5	3	0	26.0	5	0
5.	K 8027 (C)	NE-RF-05	22.0	4	0	32.8	5	0	20.2	5	0	34.2	2	1	25.0	4	0	26.7	4	0
G.M.			24.6			34.7			23.9			33.3		31.0		28.5				
S.E.(M)			1.178			0.897			1.013			1.585		1.610		1.028				
C.D.			3.6			2.8			3.1			4.9		5.0		3.2				
C.V.			9.6			5.2			8.5			9.5		10.4		7.2				
D.O.S. (d.m.y)			6.11.2014			7.11.2014			7.11.2014			10.11.2014		10.11.2014		10.11.2014				

AVT-RF-TS-TAS-NEPZ, 2014-15
State and Zonal Mean Yield (q/ha)

SN	Variety	Code	U.P.	Bihar	Jharkhand	West Bengal	Zonal										
			Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G			
1.	HD 3171	NE-RF-01	27.7	3	0	28.4	4	0	24.4	3	0	38.2	1	1	30.7	2	1
2.	K 1317	NE-RF-02	31.4	1	1	31.8	1	1	21.9	4	0	33.7	2	0	31.2	1	1
3.	HD 2888 (C)	NE-RF-03	28.6	2	0	31.1	2	1	25.6	2	1	26.3	5	0	28.1	3	0
4.	C 306 (C)	NE-RF-04	25.5	5	0	29.4	3	0	27.6	1	1	27.8	4	0	27.2	4	0
5.	K 8027 (C)	NE-RF-05	25.9	4	0	27.4	5	0	20.2	5	0	28.6	3	0	26.4	5	0
G.M.			27.8			29.6			23.9			30.9			28.7		
C.D.			1.9			2.2			3.1			2.4			1.1		

North Eastern Plains Zone

Summary of Disease Data and Agronomic Characteristics

Trial: AVT-RF-TS-TAS-NEPZ, 2014-15

SN	Variety	Code	Disease reaction	Agronomic Characteristics								Grain Characteristics			
			LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	HD 3171	NE-RF-01	68 (36)	61-85	71	85-135	122	83-108	97	20	Ey	A	SH	32-47	42
2	K 1317	NE-RF-02	79 (57)	72-89	80	114-136	126	78-112	94	20	Ey	A	SH	40-51	43
3	HD 2888 (C)	NE-RF-03	68 (36)	69-87	78	116-133	126	67-142	108	80	Ey	A	H	31-49	41
4	C 306 (C)	NE-RF-04	48 (37)	75-92	82	122-136	128	76-134	117	60	Ey	A	H	31-48	40
5	K 8027 (C)	NE-RF-05	68 (36)	62-88	76	112-137	126	82-144	112	60	EY	A	H	29-48	39

1. Ancillary data from. Coochbehar, Faizabad, Kanpur, Kalyani, Malda, Pusa, Ranchi, Sabour and Varanasi.
2. No incidence of rust reported from any centre.
3. Lodging data from Coochbehar, Faizabad, Kalyani, Kanpur, Malda and Varanasi.
4. Leaf blight data from Coochbehar, Faizabad, Kalyani, Kanpur, Malda, Ranchi, Sabour and Varanasi.

Individual Station Leaf Blight Score

SN	Variety	Code	Coochbehar	Faizabad	Kalyani	Kanpur	Malda	Ranchi	Sabour	Varanasi
1	HD 3171	NE-RF-01	68	57	37	24	59	12	24	35
2	K 1317	NE-RF-02	79	57	47	47	69	13	46	68
3	HD 2888 (C)	NE-RF-03	68	46	24	24	49	02	34	47
4	C 306 (C)	NE-RF-04	47	46	24	24	48	00	23	35
5	K 8027 (C)	NE-RF-05	68	36	35	35	59	12	12	47