

Table 3.1. North Eastern Plains Zone		IR-TS-DOS-TAS			Centerwise		Yield, q/ha		2025-26
Sowing Time	Genotype	Ayodhya	Burdwan	Coochbehar	Kalyani	RPCAU, PUSA	Sabour	Shillongani	Zonal Mean
Timely	NE-RM-101	53.00	53.78	47.57	46.03	50.63	48.10	44.98	49.16
	NE-RM-102	54.36	51.10	44.93	56.37	43.86	43.12	44.47	48.32
	NE-RM-103	55.02	59.45	53.30	62.37	53.91	39.28	46.21	52.79
	NE-RM-104	56.52	51.28	58.13	48.82	47.90	48.45	46.74	51.12
	NE-RM-105	58.72	51.64	47.67	46.43	49.15	45.22	46.28	49.30
	Mean	55.52	53.45	50.32	52.00	49.09	44.83	45.74	50.14
Late	NE-RM-101	48.66	34.92	47.90	45.24	43.19	40.80	46.87	43.94
	NE-RM-102	50.00	37.03	50.70	33.73	32.97	36.47	47.74	41.23
	NE-RM-103	51.46	41.07	47.73	52.38	46.39	36.74	47.90	46.24
	NE-RM-104	52.42	38.88	57.27	47.22	35.76	35.01	46.88	44.78
	NE-RM-105	54.84	39.04	47.27	41.27	38.73	34.04	46.79	43.14
	Mean	51.48	38.19	50.17	43.97	39.41	36.61	47.24	43.87
Mean	NE-RM-101	50.83	44.35	47.73	45.64	46.91	44.45	45.93	46.55
	NE-RM-102	52.18	44.07	47.82	45.05	38.42	39.79	46.11	44.77
	NE-RM-103	53.24	50.26	50.52	57.37	50.15	38.01	47.06	49.51
	NE-RM-104	54.47	45.08	57.70	48.02	41.83	41.73	46.81	47.95
	NE-RM-105	56.78	45.34	47.47	43.85	43.94	39.63	46.54	46.22
	Mean	53.50	45.82	50.25	47.99	44.25	40.72	46.49	47.00
F. Test	Sowing (A)	*	**	N.S.	N.S.	**	N.S.	N.S.	**
	Genotype (B)	**	**	*	**	**	N.S.	N.S.	**
	B within A	N.S.	N.S.	N.S.	**	N.S.	N.S.	*	N.S.
	A within B								
S.E.m	Sowing (A)	0.40	0.76	0.57	1.37	0.11	1.44	0.29	0.32
	Genotype (B)	0.44	1.08	2.49	0.65	1.35	1.52	0.32	0.50
	B within A	0.62	1.53	3.51	0.91	1.91	2.15	0.45	0.70
	A within B	0.69	1.56	3.19	1.59	1.71	2.41	0.50	0.71
CD (0.05)	Sowing (A)	2.44	4.62	3.46	8.31	0.69	8.78	1.79	0.80
	Genotype (B)	1.32	3.24	7.45	1.94	4.04	4.57	0.95	1.17
	B within A	1.87	4.58	10.54	2.74	5.72	6.46	1.35	NS
	A within B	2.06	4.69	9.58	4.77	5.13	7.22	1.49	NS
C.V.(%)	Sowing (A)	2.90	6.41	4.38	11.02	0.99	13.72	2.46	
	Genotype (B)	2.02	5.78	12.11	3.30	7.47	9.17	1.67	
Date of Sowing:	Timely	17.11.2025	15.11.2025	12.11.2025	15.11.2025	18.11.2025	18.11.2025	12.11.2025	
	Late	15.12.2025	12.12.2025	10.12.2025	15.12.2025	14.12.2025	16.12.2025	10.12.2025	
Date of Harvesting:	Timely	18.03.2026	18.03.2026	13.03.2026	27.03.2026	28.03.2026	08.04.2026	15.03.2026	
	Late	07.04.2026	27.03.2026	22.03.2026	05.04.2026	05.04.2026	12.04.2026	24.03.2026	

Table 3.2. North Eastern Plains Zone			IR-TS-DOS-TAS		Pooled	2025-26
Date of sowing						
Genotype	Timely	Rk	Late	Rk	Mean	Rk
Yield, q/ha						
NE-RM-101	49.16	4	43.94	3	46.55	3
NE-RM-102	48.32	5	41.23	5	44.77	5
NE-RM-103	52.79	1	46.24	1	49.51	1
NE-RM-104	51.12	2	44.78	2	47.95	2
NE-RM-105	49.30	3	43.14	4	46.22	4
Mean	50.14		43.87		47.00	
Sowing (A)	F. Test		S.E.m		CD (0.05)	
Genotype (B)	**		0.32		0.80	
B within A	N.S.		0.50		1.17	
A within B			0.70		NS	
			0.71		NS	
Earheads/sq.m.						
NE-RM-101	341	4	327	3	334	3
NE-RM-102	334	5	315	4	325	5
NE-RM-103	343	3	333	2	338	2
NE-RM-104	359	1	335	1	347	1
NE-RM-105	350	2	313	5	332	4
Mean	346		325		335	
Sowing (A)	F. Test		S.E.m	CD (0.05)		
Genotype (B)	**		1.81	4.50		
B within A	**		2.42	5.69		
A within B	**		3.42	8.05		
			3.55	8.78		
1000 grain weight, g						
NE-RM-101	40.03	5	38.21	4	39.12	5
NE-RM-102	41.05	3	37.79	5	39.42	4
NE-RM-103	42.26	1	39.45	1	40.86	1
NE-RM-104	40.57	4	39.23	2	39.90	3
NE-RM-105	41.35	2	38.78	3	40.06	2
Mean	41.05		38.69		39.87	
Sowing (A)	F. Test		S.E.m	CD (0.05)		
Genotype (B)	**		0.18	0.45		
B within A	**		0.26	0.62		
A within B	N.S.		0.37	NS		
			0.38	NS		
Grains/Earhead						
NE-RM-101	36.91	2	35.87	3	36.39	3
NE-RM-102	36.25	3	35.79	4	36.02	4
NE-RM-103	37.66	1	35.97	2	36.81	1
NE-RM-104	35.61	5	34.53	5	35.07	5
NE-RM-105	36.06	4	36.73	1	36.40	2
Mean	36.50		35.78		36.14	
Sowing (A)	F. Test		S.E.m	CD (0.05)		
Genotype (B)	N.S.		0.37	NS		
B within A	N.S.		0.53	NS		
A within B	N.S.		0.74	NS		
			0.76	NS		
Biomass, q/ha						
NE-RM-101	117.54	4	112.02	2	114.78	3
NE-RM-102	115.49	5	106.68	5	111.08	5
NE-RM-103	124.25	1	115.79	1	120.02	1
NE-RM-104	122.26	2	111.52	3	116.89	2
NE-RM-105	117.74	3	110.17	4	113.96	4
Mean	119.46		111.24		115.35	
Sowing (A)	F. Test		S.E.m	CD (0.05)		
Genotype (B)	**		0.81	2.02		
B within A	**		1.13	2.67		
A within B	N.S.		1.65	NS		
			1.65	NS		
Centers: Ayodhya, Burdwan, Coochbehar, Kalyani, RPCAU PUSA, Sabour, Shillongani						

Table 3.2.1. North Eastern Plains Zone			IR-TS-DOS-TAS		Ayodhya	2025-26
Date of sowing						
Genotype	Timely	Rk	Late	Rk	Mean	Rk
Yield, q/ha						
NE-RM-101	53.00	5	48.66	5	50.83	5
NE-RM-102	54.36	4	50.00	4	52.18	4
NE-RM-103	55.02	3	51.46	3	53.24	3
NE-RM-104	56.52	2	52.42	2	54.47	2
NE-RM-105	58.72	1	54.84	1	56.78	1
Mean	55.52		51.48		53.50	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.40	2.44	2.90	
B within A	**		0.44	1.32	2.02	
A within B	N.S.		0.62	1.87		
			0.69	2.06		
Earheads/sq.m.						
NE-RM-101	468	5	466	5	467	5
NE-RM-102	478	3	471	3	475	3
NE-RM-103	476	4	469	4	473	4
NE-RM-104	483	2	473	2	478	2
NE-RM-105	591	1	482	1	537	1
Mean	499		472		486	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.29	1.74	0.23	
B within A	**		0.42	1.25	0.21	
A within B	**		0.59	1.77		
			0.60	1.80		
Grains/Earhead						
NE-RM-101	28.92	1	27.13	5	28.03	3
NE-RM-102	28.63	4	27.21	4	27.92	4
NE-RM-103	28.80	3	28.27	2	28.54	1
NE-RM-104	28.87	2	28.10	3	28.48	2
NE-RM-105	23.92	5	28.42	1	26.17	5
Mean	27.83		27.83		27.83	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.21	1.25	2.86	
B within A	**		0.29	0.88	2.58	
A within B	**		0.41	1.24		
			0.42	1.27		
1000 grain weight, g						
NE-RM-101	39.20	5	38.51	5	38.86	5
NE-RM-102	39.72	4	39.00	3	39.36	4
NE-RM-103	40.10	3	38.86	4	39.48	3
NE-RM-104	40.57	2	39.45	2	40.01	2
NE-RM-105	41.51	1	40.04	1	40.77	1
Mean	40.22		39.17		39.70	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.02	0.13	0.20	
B within A	**		0.33	0.99	2.03	
A within B	N.S.		0.47	1.39		
			0.42	1.25		
Biomass, q/ha						
NE-RM-101	115.19	5	106.04	5	110.61	5
NE-RM-102	116.00	4	109.27	4	112.64	4
NE-RM-103	117.66	3	111.54	3	114.60	3
NE-RM-104	121.50	2	114.47	2	117.99	2
NE-RM-105	124.76	1	117.64	1	121.20	1
Mean	119.02		111.79		115.41	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.11	0.67	0.37	
B within A	**		0.31	0.94	0.67	
A within B	*		0.44	1.33		
			0.41	1.23		
Date of Sowing:	17.11.2025	15.12.2025	Date of Harvesting:	18.03.2026	07.04.2026	

Table 3.2.2. North Eastern Plains Zone			IR-TS-DOS-TAS		Burdwan	2025-26
Genotype	Date of sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
NE-RM-101	53.78	2	34.92	5	44.35	4
NE-RM-102	51.10	5	37.03	4	44.07	5
NE-RM-103	59.45	1	41.07	1	50.26	1
NE-RM-104	51.28	4	38.88	3	45.08	3
NE-RM-105	51.64	3	39.04	2	45.34	2
Mean	53.45		38.19		45.82	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.76	4.62	6.41	
B within A	**		1.08	3.24	5.78	
A within B	N.S.		1.53	4.58		
			1.56	4.69		
Earheads/sq.m.						
NE-RM-101	318	2	283	1	301	1
NE-RM-102	285	4	260	4	273	4
NE-RM-103	317	3	282	2	299	2
NE-RM-104	325	1	273	3	299	3
NE-RM-105	273	5	245	5	259	5
Mean	304		269		286	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		4.60	28.00	6.23	
B within A	**		6.43	19.26	5.50	
A within B	N.S.		9.09	27.24		
			9.34	28.00		
Grains/Earhead						
NE-RM-101	33.83	5	32.74	5	33.29	5
NE-RM-102	38.31	2	38.00	2	38.16	2
NE-RM-103	35.41	4	35.27	4	35.34	4
NE-RM-104	36.36	3	35.95	3	36.15	3
NE-RM-105	39.40	1	38.87	1	39.13	1
Mean	36.66		36.16		36.41	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.21	7.35	12.84	
B within A	**		1.04	3.11	6.99	
A within B	N.S.		1.47	4.40		
			1.78	5.35		
1000 grain weight, g						
NE-RM-101	49.88	2	37.63	4	43.76	3
NE-RM-102	47.06	4	37.58	5	42.32	4
NE-RM-103	53.07	1	41.64	1	47.36	1
NE-RM-104	43.39	5	39.68	3	41.54	5
NE-RM-105	48.11	3	40.93	2	44.52	2
Mean	48.30		39.49		43.90	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.13	0.82	1.19	
B within A	**		0.93	2.78	5.18	
A within B	*		1.31	3.94		
			1.18	3.55		
Biomass, q/ha						
NE-RM-101	136.90	3	114.53	5	125.72	4
NE-RM-102	143.26	2	125.55	2	134.40	2
NE-RM-103	152.76	1	125.03	3	138.89	1
NE-RM-104	128.67	5	119.30	4	123.98	5
NE-RM-105	133.36	4	128.31	1	130.83	3
Mean	138.99		122.54		130.77	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		2.60	15.84	7.71	
B within A	*		3.21	9.62	6.01	
A within B	N.S.		4.54	13.61		
			4.82	14.46		
Date of Sowing:	15.11.2025	12.12.2025	Date of Harvesting:		18.03.2026	27.03.2026

Table 3.2.3. North Eastern Plains Zone			IR-TS-DOS-TAS		Coochbehar	2025-26
Genotype	Date of sowing		Late	Rk	Mean	Rk
	Timely	Rk				
Yield, q/ha						
NE-RM-101	47.57	4	47.90	3	47.73	4
NE-RM-102	44.93	5	50.70	2	47.82	3
NE-RM-103	53.30	2	47.73	4	50.52	2
NE-RM-104	58.13	1	57.27	1	57.70	1
NE-RM-105	47.67	3	47.27	5	47.47	5
Mean	50.32		50.17		50.25	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.57	3.46	4.38	
B within A	*		2.49	7.45	12.11	
A within B	N.S.		3.51	10.54		
			3.19	9.58		
Earheads/sq.m.						
NE-RM-101	294	3	295	2	295	3
NE-RM-102	248	5	272	4	260	4
NE-RM-103	307	2	286	3	297	2
NE-RM-104	327	1	333	1	330	1
NE-RM-105	251	4	257	5	254	5
Mean	285		289		287	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		3.60	21.89	4.85	
B within A	**		10.16	30.45	8.67	
A within B	N.S.		14.36	43.06		
			13.34	40.00		
Grains/Earhead						
NE-RM-101	41.40	5	41.57	5	41.48	5
NE-RM-102	46.84	2	46.91	1	46.88	1
NE-RM-103	45.41	3	43.26	3	44.34	3
NE-RM-104	43.93	4	42.22	4	43.08	4
NE-RM-105	47.08	1	44.98	2	46.03	2
Mean	44.93		43.79		44.36	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.96	5.87	8.42	
B within A	N.S.		2.41	7.23	13.32	
A within B	N.S.		3.41	10.23		
			3.20	9.60		
1000 grain weight, g						
NE-RM-101	39.13	3	38.90	4	39.02	4
NE-RM-102	38.87	4	39.67	3	39.27	3
NE-RM-103	38.83	5	38.80	5	38.82	5
NE-RM-104	40.70	2	40.67	2	40.68	2
NE-RM-105	40.80	1	40.87	1	40.83	1
Mean	39.67		39.78		39.72	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.11	0.68	1.08	
B within A	**		0.36	1.07	2.19	
A within B	N.S.		0.50	1.51		
			0.46	1.39		
Biomass, q/ha						
NE-RM-101	124.97	3	125.47	2	125.22	3
NE-RM-102	109.27	5	124.67	4	116.97	5
NE-RM-103	134.97	2	125.30	3	130.13	2
NE-RM-104	139.80	1	140.90	1	140.35	1
NE-RM-105	119.37	4	119.33	5	119.35	4
Mean	125.67		127.13		126.40	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		2.86	17.43	8.78	
B within A	*		5.38	16.12	10.42	
A within B	N.S.		7.60	22.80		
			7.38	22.13		
Date of Sowing:	12.11.2025	10.12.2025	Date of Harvesting:	13.03.2026	22.03.2026	

Table 3.2.4. North Eastern Plains Zone			IR-TS-DOS-TAS		Kalyani	2025-26
Genotype	Date of sowing		Late	Rk	Mean	Rk
	Timely	Rk				
Yield, q/ha						
NE-RM-101	46.03	5	45.24	3	45.64	3
NE-RM-102	56.37	2	33.73	5	45.05	4
NE-RM-103	62.37	1	52.38	1	57.37	1
NE-RM-104	48.82	3	47.22	2	48.02	2
NE-RM-105	46.43	4	41.27	4	43.85	5
Mean	52.00		43.97		47.99	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.37	8.31	11.02	
B within A	**		0.65	1.94	3.30	
A within B	**		0.91	2.74		
			1.59	4.77		
Earheads/sq.m.						
NE-RM-101	299	5	287	3	293	5
NE-RM-102	350	2	243	5	296	4
NE-RM-103	359	1	338	1	349	1
NE-RM-104	338	3	327	2	333	2
NE-RM-105	322	4	273	4	298	3
Mean	334		294		314	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.66	4.02	0.82	
B within A	**		4.00	11.99	3.12	
A within B	**		5.66	16.96		
			5.10	15.29		
Grains/Earhead						
NE-RM-101	44.29	1	41.71	2	43.00	1
NE-RM-102	37.16	3	41.17	3	39.16	2
NE-RM-103	37.45	2	36.37	4	36.91	4
NE-RM-104	33.58	5	35.62	5	34.60	5
NE-RM-105	33.89	4	42.29	1	38.09	3
Mean	37.27		39.43		38.35	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.12	6.80	11.29	
B within A	**		0.82	2.44	5.21	
A within B	**		1.15	3.46		
			1.52	4.56		
1000 grain weight, g						
NE-RM-101	34.93	5	37.83	3	36.38	5
NE-RM-102	43.47	2	33.83	5	38.65	4
NE-RM-103	46.63	1	42.63	1	44.63	1
NE-RM-104	43.07	3	40.60	2	41.83	2
NE-RM-105	42.60	4	36.07	4	39.33	3
Mean	42.14		38.19		40.17	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.44	2.67	4.23	
B within A	**		1.04	3.11	6.33	
A within B	**		1.47	4.40		
			1.38	4.15		
Biomass, q/ha						
NE-RM-101	89.30	5	108.27	3	98.78	5
NE-RM-102	111.17	2	89.43	5	100.30	4
NE-RM-103	121.13	1	117.13	1	119.13	1
NE-RM-104	107.37	3	113.13	2	110.25	2
NE-RM-105	97.27	4	107.30	4	102.28	3
Mean	105.25		107.05		106.15	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		3.59	21.83	13.09	
B within A	**		2.42	7.27	5.59	
A within B	**		3.43	10.28		
			4.72	14.15		
Date of Sowing:	15.11.2025	15.12.2025	Date of Harvesting:	27.03.2026	05.04.2026	

Table 3.2.5. North Eastern Plains Zone			IR-TS-DOS-TAS		Ranchi	2025-26
Genotype	Date of sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
NE-RM-101	45.20	3	26.63	5	35.92	4
NE-RM-102	41.93	4	29.70	4	35.82	5
NE-RM-103	46.67	1	30.50	3	38.58	2
NE-RM-104	46.37	2	35.20	2	40.78	1
NE-RM-105	39.83	5	35.90	1	37.87	3
Mean	44.00		31.59		37.79	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.89	5.39	9.08	
B within A	**		1.09	3.27	7.07	
A within B			1.54	4.63		
Earheads/sq.m.						
NE-RM-101	307	3	243	5	275	3
NE-RM-102	280	4	259	3	269	4
NE-RM-103	343	1	255	4	299	2
NE-RM-104	355	1	263	1	309	1
NE-RM-105	277	5	260	2	268	5
Mean	311		256		284	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		4.58	27.89	6.25	
B within A	*		9.18	27.52	7.91	
A within B			12.98	38.92		
Grains/Earhead						
NE-RM-101	35.20	1	26.62	4	30.91	3
NE-RM-102	32.30	3	25.98	5	29.14	4
NE-RM-103	28.02	5	26.69	3	27.35	5
NE-RM-104	30.88	4	32.20	2	31.54	2
NE-RM-105	32.35	2	33.96	1	33.15	1
Mean	31.75		29.09		30.42	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.94	5.72	11.97	
B within A	*		1.17	3.52	9.45	
A within B	*		1.66	4.97		
1000 grain weight, g						
NE-RM-101	42.37	5	41.13	4	41.75	5
NE-RM-102	46.47	2	44.24	2	45.35	2
NE-RM-103	48.71	1	44.83	1	46.77	1
NE-RM-104	42.41	4	41.49	3	41.95	4
NE-RM-105	44.97	3	40.67	5	42.82	3
Mean	44.99		42.47		43.73	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.25	1.50	2.19	
B within A	**		0.57	1.71	3.20	
A within B	N.S.		0.81	2.42		
Biomass, q/ha						
NE-RM-101	102.07	3	62.00	5	82.03	3
NE-RM-102	83.87	5	63.81	4	73.84	5
NE-RM-103	106.07	2	65.20	3	85.63	2
NE-RM-104	106.47	1	76.20	2	91.33	1
NE-RM-105	85.20	4	76.60	1	80.90	4
Mean	96.73		68.76		82.75	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		2.57	15.63	12.02	
B within A	*		3.42	10.26	10.13	
A within B	*		4.84	14.51		
Date of Sowing: 08.11.2025 09.12.2025 Date of Harvesting: 30.03.2026 10.04.2026						

Table 3.2.6. North Eastern Plains Zone			IR-TS-DOS-TAS		RPCAU, PUSA	2025-26
Genotype	Date of sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
NE-RM-101	50.63	2	43.19	2	46.91	2
NE-RM-102	43.86	5	32.97	5	38.42	5
NE-RM-103	53.91	1	46.39	1	50.15	1
NE-RM-104	47.90	4	35.76	4	41.83	4
NE-RM-105	49.15	3	38.73	3	43.94	3
Mean	49.09		39.41		44.25	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.11	0.69	0.99	
B within A	**		1.35	4.04	7.47	
A within B	N.S.		1.91	5.72		
			1.71	5.13		
Earheads/sq.m.						
NE-RM-101	360	2	343	3	352	2
NE-RM-102	345	5	343	4	344	5
NE-RM-103	362	1	348	1	355	1
NE-RM-104	356	3	339	5	348	3
NE-RM-105	349	4	344	2	347	4
Mean	354		343		349	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.95	5.76	1.05	
B within A	**		1.29	3.88	0.91	
A within B	**		1.83	5.49		
			1.89	5.67		
Grains/Earhead						
NE-RM-101	35.22	3	31.37	2	33.30	2
NE-RM-102	32.50	5	24.66	5	28.58	5
NE-RM-103	36.70	1	34.93	1	35.81	1
NE-RM-104	34.40	4	27.41	4	30.91	4
NE-RM-105	36.03	2	29.33	3	32.68	3
Mean	34.97		29.54		32.25	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.58	3.51	6.93	
B within A	**		1.10	3.30	8.37	
A within B	N.S.		1.56	4.67		
			1.51	4.52		
1000 grain weight, g						
NE-RM-101	39.95	2	40.11	1	40.03	1
NE-RM-102	39.15	3	39.05	2	39.10	3
NE-RM-103	40.58	1	38.57	4	39.58	2
NE-RM-104	39.09	4	38.47	5	38.78	5
NE-RM-105	39.05	5	38.61	3	38.83	4
Mean	39.57		38.96		39.26	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.59	3.60	5.84	
B within A	N.S.		0.49	1.48	3.09	
A within B	N.S.		0.70	2.10		
			0.86	2.58		
Biomass, q/ha						
NE-RM-101	128.83	2	110.84	2	119.84	2
NE-RM-102	111.71	5	86.14	5	98.93	5
NE-RM-103	133.32	1	119.23	1	126.27	1
NE-RM-104	122.55	4	91.83	4	107.19	4
NE-RM-105	125.22	3	100.24	3	112.73	3
Mean	124.33		101.66		112.99	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	**		0.66	4.03	2.27	
B within A	**		3.54	10.61	7.67	
A within B	N.S.		5.01	15.01		
			4.53	13.57		
Date of Sowing:	18.11.2025	14.12.2025	Date of Harvesting:	28.03.2026	05.04.2026	

Table 3.2.7. North Eastern Plains Zone			IR-TS-DOS-TAS		Sabour	2025-26
Genotype	Date of sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
NE-RM-101	48.10	2	40.80	1	44.45	1
NE-RM-102	43.12	4	36.47	3	39.79	3
NE-RM-103	39.28	5	36.74	2	38.01	5
NE-RM-104	48.45	1	35.01	4	41.73	2
NE-RM-105	45.22	3	34.04	5	39.63	4
Mean	44.83		36.61		40.72	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.44	8.78	13.72	
B within A	N.S.		1.52	4.57	9.17	
A within B	N.S.		2.15	6.46		
			2.41	7.22		
Earheads/sq.m.						
NE-RM-101	340	3	305	1	322	2
NE-RM-102	328	4	293	2	310	4
NE-RM-103	317	5	289	4	303	5
NE-RM-104	359	1	292	3	326	1
NE-RM-105	349	2	275	5	312	3
Mean	339		291		315	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		10.00	60.84	12.31	
B within A	N.S.		8.92	26.73	6.94	
A within B	N.S.		12.61	37.80		
			15.07	45.19		
Grains/Earhead						
NE-RM-101	34.81	1	35.23	1	35.02	1
NE-RM-102	31.45	4	32.92	4	32.18	4
NE-RM-103	30.83	5	33.53	2	32.18	5
NE-RM-104	33.32	2	31.37	5	32.35	3
NE-RM-105	32.37	3	33.46	3	32.92	2
Mean	32.56		33.30		32.93	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.34	8.17	15.79	
B within A	N.S.		1.84	5.50	13.65	
A within B	N.S.		2.60	7.78		
			2.68	8.04		
1000 grain weight, g						
NE-RM-101	40.90	2	38.03	4	39.47	3
NE-RM-102	41.83	1	38.07	3	39.95	1
NE-RM-103	39.99	5	38.20	2	39.09	4
NE-RM-104	40.50	3	38.91	1	39.71	2
NE-RM-105	40.31	4	37.63	5	38.97	5
Mean	40.70		38.17		39.44	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.02	6.19	9.98	
B within A	N.S.		0.97	2.90	6.00	
A within B	N.S.		1.37	4.10		
			1.59	4.77		
Biomass, q/ha						
NE-RM-101	121.88	2	107.81	1	114.84	1
NE-RM-102	112.11	4	97.66	2	104.88	3
NE-RM-103	101.17	5	97.66	2	99.41	5
NE-RM-104	124.22	1	87.89	4	106.05	2
NE-RM-105	113.28	3	85.94	5	99.61	4
Mean	114.53		95.39		104.96	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		1.85	11.28	6.84	
B within A	**		2.14	6.43	5.00	
A within B	**		3.03	9.09		
			3.28	9.85		
Date of Sowing:	18.11.2025	16.12.2025	Date of Harvesting:	08.04.2026	12.04.2026	

Table 3.2.8. North Eastern Plains Zone			IR-TS-DOS-TAS		Shillongani	2025-26
Genotype	Date of sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
NE-RM-101	44.98	4	46.87	4	45.93	5
NE-RM-102	44.47	5	47.74	2	46.11	4
NE-RM-103	46.21	3	47.90	1	47.06	1
NE-RM-104	46.74	1	46.88	3	46.81	2
NE-RM-105	46.28	2	46.79	5	46.54	3
Mean	45.74		47.24		46.49	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.29	1.79	2.46	
B within A	N.S.		0.32	0.95	1.67	
A within B	*		0.45	1.35		
			0.50	1.49		
Earheads/sq.m.						
NE-RM-101	311	3	311	4	311	4
NE-RM-102	307	4	323	1	315	2
NE-RM-103	263	5	319	2	291	5
NE-RM-104	328	1	310	5	319	1
NE-RM-105	314	2	316	3	315	3
Mean	305		316		310	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		4.93	29.99	6.15	
B within A	N.S.		6.74	20.20	5.32	
A within B	*		9.53	28.57		
			9.85	29.52		
Grains/Earhead						
NE-RM-101	39.89	2	41.36	1	40.62	2
NE-RM-102	38.89	4	39.65	5	39.27	5
NE-RM-103	49.01	1	40.16	3	44.59	1
NE-RM-104	38.80	5	41.03	2	39.91	3
NE-RM-105	39.75	3	39.75	4	39.75	4
Mean	41.27		40.39		40.83	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.92	5.60	8.73	
B within A	*		1.14	3.41	6.82	
A within B	*		1.61	4.82		
			1.71	5.12		
1000 grain weight, g						
NE-RM-101	36.23	5	36.42	5	36.33	5
NE-RM-102	37.23	1	37.31	3	37.27	1
NE-RM-103	36.62	4	37.45	1	37.03	3
NE-RM-104	36.71	3	36.83	4	36.77	4
NE-RM-105	37.04	2	37.31	2	37.18	2
Mean	36.76		37.06		36.91	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		0.08	0.49	0.85	
B within A	**		0.11	0.33	0.72	
A within B	N.S.		0.15	0.46		
			0.16	0.48		
Biomass, q/ha						
NE-RM-101	105.74	4	111.20	5	108.47	5
NE-RM-102	104.90	5	114.05	2	109.48	4
NE-RM-103	108.76	3	114.64	1	111.70	2
NE-RM-104	111.71	1	113.15	3	112.43	1
NE-RM-105	110.95	2	112.45	4	111.70	2
Mean	108.41		113.10		110.76	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	*		0.60	3.65	2.10	
B within A	*		0.85	2.56	1.89	
A within B	*		1.21	3.62		
			1.23	3.70		
Date of Sowing:	12.11.2025	10.12.2025	Date of Harvesting:	15.03.2026	24.03.2026	

Table 3.2.9. North Eastern Plains Zone			IR-TS-DOS-TAS		Varanasi	2025-26
Genotype	Date of sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
NE-RM-101	42.18	2	34.35	1	38.27	2
NE-RM-102	39.17	3	29.76	3	34.47	3
NE-RM-103	32.08	5	28.33	4	30.21	5
NE-RM-104	37.92	4	30.55	2	34.24	4
NE-RM-105	58.59	1	27.30	5	42.95	1
Mean	41.99		30.06		36.02	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		4.28	26.02	45.96	
B within A	N.S.		4.29	12.86	29.16	
A within B	N.S.		6.07	18.18		
			6.91	27.71		
Earheads/sq.m.						
NE-RM-101	502	2	436	1	568	2
NE-RM-102	393	5	438	4	416	5
NE-RM-103	487	3	397	5	442	4
NE-RM-104	573	1	592	3	583	1
NE-RM-105	450	4	612	2	531	3
Mean	481		535		508	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		13.87	84.41	10.58	
B within A	**		22.60	67.76	10.90	
A within B	**		31.96	95.83		
			31.78	95.27		
Grains/Earhead						
NE-RM-101	24.27	3	15.82	4	20.04	3
NE-RM-102	29.20	2	20.92	1	25.06	1
NE-RM-103	16.84	5	18.47	2	17.66	4
NE-RM-104	18.26	4	16.52	3	17.39	5
NE-RM-105	32.87	1	12.63	5	22.75	2
Mean	24.29		16.87		20.58	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		1.73	10.52	32.55	
B within A	N.S.		3.15	9.46	37.55	
A within B	N.S.		4.46	13.38		
			4.35	13.04		
1000 grain weight, g						
NE-RM-101	35.10	5	34.23	3	34.66	4
NE-RM-102	35.69	4	32.75	5	34.22	5
NE-RM-103	38.77	2	39.32	1	39.05	2
NE-RM-104	36.38	3	33.62	4	35.00	3
NE-RM-105	41.60	1	37.52	2	39.56	1
Mean	37.51		35.49		36.50	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		4.30	26.18	45.65	
B within A	N.S.		1.60	4.80	10.74	
A within B	N.S.		2.26	6.79		
			4.75	14.25		
NE-RM-101	131.35	2	109.13	5	120.24	2
NE-RM-102	111.11	5	118.25	1	114.68	4
NE-RM-103	116.27	4	109.52	4	112.90	5
NE-RM-104	123.02	3	113.49	2	118.26	3
NE-RM-105	148.78	1	112.30	3	130.54	1
Mean	126.10		112.54		119.32	
Sowing (A)	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Genotype (B)	N.S.		8.33	50.72	27.05	
B within A	N.S.		7.83	23.49	16.08	
A within B	N.S.		11.08	33.21		
			12.95	38.82		
Date of Sowing:	18.11.2025	10.12.2025	Date of Harvesting:	31.03.2026	11.04.2026	