

<b>Table 3.1.</b>	<b>North Eastern Plains Zone</b>	<b>IR-TS-DOS-TAS</b>			<b>Centrewise</b>	<b>Yield, q/ha</b>		<b>2022-23</b>
<b>Time of Sowing</b>	<b>Genotypes</b>	<b>Ayodhya</b>	<b>Coochbehar</b>	<b>Kalyani</b>	<b>Kanpur</b>	<b>Ranchi</b>	<b>Varanasi</b>	<b>Zonal mean</b>
Timely	HD 3388	50.00	55.87	43.89	46.51	67.70	49.40	52.23
	HD 3249 (C )	51.22	40.87	35.56	46.03	65.63	47.58	47.82
	HD 3086 ( C )	49.35	38.37	38.69	47.34	59.00	43.21	45.99
	PBW 826 (I)(C )	52.56	59.80	45.79	47.49	66.13	52.17	53.99
	DBW 222 (C )	49.45	43.47	35.32	46.24	60.23	44.83	46.59
	DBW 187 (C )	54.23	48.90	46.29	45.43	59.07	46.58	50.08
	HD 2967 (C )	51.43	62.63	45.64	45.12	63.77	44.09	52.11
	Mean	51.18	49.99	41.60	46.31	63.08	46.84	49.83
Late	HD 3388	46.88	52.20	27.38	35.57	55.83	33.50	41.90
	HD 3249 (C )	45.21	40.37	35.28	36.55	57.33	42.09	42.80
	HD 3086 ( C )	47.35	38.33	27.14	35.74	57.87	37.09	40.59
	PBW 826 (I)(C )	45.00	50.20	36.51	36.91	56.80	42.31	44.62
	DBW 222 (C )	47.00	47.17	29.57	36.93	54.23	42.30	42.87
	DBW 187 (C )	49.14	48.27	31.43	36.11	50.87	37.51	42.22
	HD 2967 (C )	45.01	55.17	27.46	37.02	39.03	39.82	40.58
	Mean	46.51	47.39	30.68	36.40	53.14	39.23	42.23
Mean	HD 3388	48.44	54.03	35.64	41.04	61.77	41.45	47.06
	HD 3249 (C )	48.21	40.62	35.42	41.29	61.48	44.83	45.31
	HD 3086 ( C )	48.35	38.35	32.92	41.54	58.43	40.15	43.29
	PBW 826 (I)(C )	48.78	55.00	41.15	42.20	61.47	47.24	49.31
	DBW 222 (C )	48.22	45.32	32.45	41.59	57.23	43.57	44.73
	DBW 187 (C )	51.69	48.58	38.86	40.77	54.97	42.04	46.15
	HD 2967 (C )	48.22	58.90	36.55	41.07	51.40	41.95	46.35
	Mean	48.84	48.69	36.14	41.36	58.11	43.03	46.03
CD (0.05)	Sowing (A)	0.54	1.46	0.70	1.33	2.50	3.87	0.48
	Genotype (B)	0.92	3.52	3.10	N.S.	2.94	1.64	1.05
	B within A	1.3	4.98	4.38	N.S.	4.16	2.33	1.49
	A within B	1.25	4.69	4.08	N.S.	4.12	3.14	1.47
Date of Sowing	Timely	11.11.2022	11.11.2022	11.11.2022	11.11.2022	11.11.2022	09.11.2022	
	Late	16.12.2022	10.12.2022	16.12.2022	15.12.2022	10.12.2022	16.12.2022	
Date of Harvesting				09.04.2023	23.04.2023	20.04.2023	08.04.2023	

<b>Table 3.2.</b>		<b>North Eastern Plains Zone IR-TS-DOS-TAS</b>			<b>Pooled</b>	<b>2022-23</b>
Genotype	<b>Date of Sowing</b>				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
HD 3388	52.23	2	41.90	5	47.06	2
HD 3249 (C )	47.82	5	42.80	3	45.31	5
HD 3086 ( C )	45.99	7	40.59	6	43.29	7
PBW 826 (I)(C)	53.99	1	44.62	1	49.31	1
DBW 222 (C )	46.59	6	42.87	2	44.73	6
DBW 187 (C )	50.08	4	42.22	4	46.15	4
HD 2967 (C )	52.11	3	40.58	7	46.35	3
Mean	49.83		42.23		46.03	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.48		1.05		1.49	NS
<b>Earhead/sqm</b>						
HD 3388	383	2	339	3	361	2
HD 3249 (C )	364	4	329	6	346	5
HD 3086 ( C )	353	6	331	5	342	6
PBW 826 (I)(C)	386	1	342	2	364	1
DBW 222 (C )	351	7	324	7	337	7
DBW 187 (C )	357	5	353	1	355	4
HD 2967 (C )	373	3	337	4	355	3
Mean	367		336		351	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	2.13		7.51		10.62	NS
<b>Grains/Earhead</b>						
HD 3388	35.2	5	35.4	6	35.3	6
HD 3249 (C )	34.7	7	38.0	3	36.3	4
HD 3086 ( C )	34.8	6	36.5	4	35.6	5
PBW 826 (I)(C)	36.1	4	38.2	2	37.2	2
DBW 222 (C )	36.5	3	39.1	1	37.8	1
DBW 187 (C )	36.6	2	33.4	7	35.0	7
HD 2967 (C )	37.7	1	35.7	5	36.7	3
Mean	35.9		36.6		36.3	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	N.S.		1.48		2.09	NS
<b>1000 Grains Weight, g</b>						
HD 3388	40.32	1	36.60	5	38.46	3
HD 3249 (C )	39.28	4	37.39	2	38.33	4
HD 3086 ( C )	38.78	5	36.62	4	37.70	5
PBW 826 (I)(C)	39.90	3	37.08	3	38.49	2
DBW 222 (C )	37.64	7	36.32	6	36.98	7
DBW 187 (C )	40.01	2	37.66	1	38.84	1
HD 2967 (C )	38.22	6	35.77	7	36.99	6
Mean	39.16		36.78		37.97	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.23		0.51		0.72	NS
Centres:	Ayodhya, Coochbehar, Kalyani, Kanpur, Ranchi, Varanasi					

<b>Table 3.2.1.</b>		<b>North Eastern Plains Zone</b>		<b>IR-TS-DOS-TAS</b>		<b>Ayodhya</b>		<b>2022-23</b>	
Genotype	<b>Date of Sowing</b>				Mean	Rk			
	Timely	Rk	Late	Rk					
<b>Yield, q/ha</b>									
HD 3388	50.00	5	46.88	4	48.44	3			
HD 3249 (C )	51.22	4	45.21	5	48.21	7			
HD 3086 ( C )	49.35	7	47.35	2	48.35	4			
PBW 826 (I)(C )	52.56	2	45.00	7	48.78	2			
DBW 222 (C )	49.45	6	47.00	3	48.22	5			
DBW 187 (C )	54.23	1	49.14	1	51.69	1			
HD 2967 (C )	51.43	3	45.01	6	48.22	5			
Mean	51.18		46.51		48.84				
		F. Test		SEm	CD	CV (%)			
Sowing (A)		**	0.13	0.54	1.24				
Genotype (B)		**	0.38	0.92	1.91				
B within A		**	0.54	1.30					
A within B			0.52	1.25					
<b>Earhead/sqm</b>									
HD 3388	485	6	490	1	488	3			
HD 3249 (C )	486	5	486	4	486	5			
HD 3086 ( C )	488	4	480	6	484	6			
PBW 826 (I)(C )	501	1	490	1	496	1			
DBW 222 (C )	485	6	479	7	482	7			
DBW 187 (C )	494	2	490	1	492	2			
HD 2967 (C )	491	3	482	5	487	4			
Mean	490		485		488				
		F. Test		SEm	CD	CV (%)			
Sowing (A)		*	0.76	3.11	0.71				
Genotype (B)		**	1.22	2.96	0.61				
B within A		**	1.73	4.19					
A within B			1.77	4.29					
<b>Grains/Earhead</b>									
HD 3388	25.81	5	25.2	3	25.5	4			
HD 3249 (C )	26.35	1	23.8	6	25.1	5			
HD 3086 ( C )	25.78	6	26.4	1	26.1	1			
PBW 826 (I)(C )	25.59	7	23.4	7	24.5	7			
DBW 222 (C )	25.86	4	25.8	2	25.8	2			
DBW 187 (C )	26.29	2	25.1	4	25.7	3			
HD 2967 (C )	26.17	3	23.8	5	25.0	6			
Mean	25.98		24.8		25.4				
		F. Test		SEm	CD	CV (%)			
Sowing (A)		*	0.10	0.39	1.72				
Genotype (B)		*	0.30	0.73	2.90				
B within A		**	0.43	1.03					
A within B			0.41	0.98					
<b>1000 Grains Weight, g</b>									
HD 3388	40.00	4	38.0	5	39.0	5			
HD 3249 (C )	40.00	4	39.1	4	39.5	4			
HD 3086 ( C )	39.23	7	37.3	7	38.3	7			
PBW 826 (I)(C )	41.00	2	39.2	2	40.1	2			
DBW 222 (C )	39.43	6	38.0	5	38.7	6			
DBW 187 (C )	41.77	1	40.0	1	40.9	1			
HD 2967 (C )	40.03	3	39.2	3	39.6	3			
Mean	40.21		38.7		39.4				
		F. Test		SEm	CD	CV (%)			
Sowing (A)		**	0.02	0.06	0.18				
Genotype (B)		**	0.28	0.69	1.76				
B within A		N.S.	0.40	0.97					
A within B			0.37	0.90					
Date of Sowing	11.11.2022		16.12.2022						
Date of Harvesting									

Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
HD 3388	55.87	3	52.20	2	54.03	3
HD 3249 (C )	40.87	6	40.37	6	40.62	6
HD 3086 ( C )	38.37	7	38.33	7	38.35	7
PBW 826 (I)(C )	59.80	2	50.20	3	55.00	2
DBW 222 (C )	43.47	5	47.17	5	45.32	5
DBW 187 (C )	48.90	4	48.27	4	48.58	4
HD 2967 (C )	62.63	1	55.17	1	58.90	1
Mean	49.99		47.39		48.69	
		F. Test	SEm	CD	CV (%)	
Sowing (A)		*	0.36	1.46	3.35	
Genotype (B)		**	1.45	3.52	7.32	
B within A		*	2.06	4.98		
A within B			1.94	4.69		
<b>Earhead/sqm</b>						
HD 3388	312	3	302	2	307	3
HD 3249 (C )	254	6	241	6	248	6
HD 3086 ( C )	246	7	222	7	234	7
PBW 826 (I)(C )	332	2	297	3	315	2
DBW 222 (C )	266	5	271	5	269	5
DBW 187 (C )	291	4	284	4	288	4
HD 2967 (C )	340	1	309	1	325	1
Mean	292		275		283	
		F. Test	SEm	CD	CV (%)	
Sowing (A)		*	1.73	7.08	2.79	
Genotype (B)		**	11.50	27.84	9.94	
B within A		N.S.	16.27	39.37		
A within B			15.16	36.69		
<b>Grains/Earhead</b>						
HD 3388	45.69	2	44.51	2	45.10	2
HD 3249 (C )	40.90	6	41.86	7	41.38	6
HD 3086 ( C )	39.34	7	42.67	4	41.00	7
PBW 826 (I)(C )	45.36	3	42.55	6	43.95	3
DBW 222 (C )	40.97	5	43.32	3	42.15	5
DBW 187 (C )	41.95	4	42.59	5	42.27	4
HD 2967 (C )	47.33	1	45.94	1	46.64	1
Mean	43.08		43.35		43.21	
		F. Test	SEm	CD	CV (%)	
Sowing (A)		N.S.	0.71	2.93	7.57	
Genotype (B)		N.S.	2.04	4.94	11.58	
B within A		N.S.	2.89	6.99		
A within B			2.77	6.70		
<b>1000 Grains Weight, g</b>						
HD 3388	39.30	6	39.27	6	39.28	6
HD 3249 (C )	40.03	3	40.20	3	40.12	2
HD 3086 ( C )	40.10	1	40.63	1	40.37	1
PBW 826 (I)(C )	39.73	5	39.70	5	39.72	5
DBW 222 (C )	39.97	4	40.23	2	40.10	3
DBW 187 (C )	40.07	2	40.10	4	40.08	4
HD 2967 (C )	39.03	7	39.23	7	39.13	7
Mean	39.75		39.91		39.83	
		F. Test	SEm	CD	CV (%)	
Sowing (A)		N.S.	0.10	0.40	1.12	
Genotype (B)		**	0.18	0.44	1.11	
B within A		N.S.	0.26	0.62		
A within B			0.26	0.62		
Date of Sowing	10.11.2022		10.12.2022			
Date of Harvesting						

<b>Table 3.2.3.</b>		<b>North Eastern Plains Zone</b>		<b>IR-TS-DOS-TAS</b>		<b>Kalyani</b>		<b>2022-23</b>	
Genotype	<b>Date of Sowing</b>				Mean	Rk			
	Timely	Rk	Late	Rk					
<b>Yield, q/ha</b>									
HD 3388	43.89	4	27.38	6	35.64	4			
HD 3249 (C )	35.56	6	35.28	2	35.42	5			
HD 3086 ( C )	38.69	5	27.14	7	32.92	6			
PBW 826 (I)(C )	45.79	2	36.51	1	41.15	1			
DBW 222 (C )	35.32	7	29.57	4	32.45	7			
DBW 187 (C )	46.29	1	31.43	3	38.86	2			
HD 2967 (C )	45.64	3	27.46	5	36.55	3			
Mean	41.60		30.68		36.14				
<b>F. Test</b>									
Sowing (A)		**	SEm	CD	CV (%)	2.15			
Genotype (B)		**	1.28	3.10	8.68				
B within A		**	1.81	4.38					
A within B			1.69	4.08					
<b>Earhead/sqm</b>									
HD 3388	295	4	193	5	244	5			
HD 3249 (C )	313	2	192	6	253	3			
HD 3086 ( C )	279	7	194	4	236	7			
PBW 826 (I)(C )	333	1	203	3	268	2			
DBW 222 (C )	299	3	185	7	242	6			
DBW 187 (C )	290	5	325	1	308	1			
HD 2967 (C )	286	6	205	2	246	4			
Mean	299		214		257				
<b>F. Test</b>									
Sowing (A)		**	SEm	CD	CV (%)	5.14			
Genotype (B)		**	2.20	11.81	5.33	2.10			
B within A		**	3.12	7.54					
A within B			4.08	9.86					
<b>Grains/Earhead</b>									
HD 3388	39.74	3	43.65	5	41.70	5			
HD 3249 (C )	31.70	7	53.79	1	42.74	2			
HD 3086 ( C )	39.61	4	45.86	4	42.73	3			
PBW 826 (I)(C )	36.17	5	51.80	2	43.98	1			
DBW 222 (C )	33.80	6	48.30	3	41.05	6			
DBW 187 (C )	41.61	2	28.90	7	35.25	7			
HD 2967 (C )	42.15	1	42.80	6	42.48	4			
Mean	37.82		45.01		41.42				
<b>F. Test</b>									
Sowing (A)		N.S.	SEm	CD	CV (%)	13.44			
Genotype (B)		**	1.44	3.49	8.54				
B within A		**	2.04	4.94					
A within B			2.25	5.44					
<b>1000 Grains Weight, g</b>									
HD 3388	37.43	4	32.67	5	35.05	4			
HD 3249 (C )	36.00	5	34.13	2	35.07	3			
HD 3086 ( C )	35.00	6	30.60	7	32.80	7			
PBW 826 (I)(C )	38.07	2	34.67	1	36.37	1			
DBW 222 (C )	34.90	7	33.07	4	33.98	6			
DBW 187 (C )	38.27	1	33.47	3	35.87	2			
HD 2967 (C )	37.93	3	31.23	6	34.58	5			
Mean	36.80		32.83		34.82				
<b>F. Test</b>									
Sowing (A)		*	SEm	CD	CV (%)	3.93			
Genotype (B)		**	0.48	1.16	3.38				
B within A		*	0.68	1.65					
A within B			0.70	1.69					
Date of Sowing	11.11.2022		16.12.2022						
Date of Harvesting	09.04.2023		30.03.2023						

Table 3.2.4.		North Eastern Plains Zone		IR-TS-DOS-TAS		Kanpur		2022-23	
Genotype	Date of Sowing				Mean	Rk			
	Timely	Rk	Late	Rk					
<b>Yield, q/ha</b>									
HD 3388	46.51	3	35.57	7	41.04	6			
HD 3249 (C )	46.03	5	36.55	4	41.29	4			
HD 3086 ( C )	47.34	2	35.74	6	41.54	3			
PBW 826 (I)(C )	47.49	1	36.91	3	42.20	1			
DBW 222 (C )	46.24	4	36.93	2	41.59	2			
DBW 187 (C )	45.43	6	36.11	5	40.77	7			
HD 2967 (C )	45.12	7	37.02	1	41.07	5			
Mean	46.31		36.40		41.36				
		F. Test	SEm	CD	CV (%)				
Sowing (A)		**	0.32	1.33	3.58				
Genotype (B)		N.S.	0.67	1.62	3.96				
B within A		N.S.	0.94	2.29					
A within B			0.93	2.26					
<b>Earhead/sqm</b>									
HD 3388	427	3	410	5	419	5			
HD 3249 (C )	433	1	411	4	422	2			
HD 3086 ( C )	425	5	415	1	420	4			
PBW 826 (I)(C )	427	4	415	2	421	3			
DBW 222 (C )	421	7	408	6	414	6			
DBW 187 (C )	430	2	415	2	422	1			
HD 2967 (C )	425	5	401	7	413	7			
Mean	427		411		419				
		F. Test	SEm	CD	CV (%)				
Sowing (A)		**	0.51	2.09	0.56				
Genotype (B)		N.S.	4.00	9.69	2.34				
B within A		N.S.	5.66	13.70					
A within B			5.27	12.75					
<b>Grains/Earhead</b>									
HD 3388	26.40	7	23.05	5	24.73	6			
HD 3249 (C )	29.12	3	23.83	3	26.48	4			
HD 3086 ( C )	28.33	6	20.60	7	24.46	7			
PBW 826 (I)(C )	30.53	2	23.55	4	27.04	2			
DBW 222 (C )	32.07	1	25.69	1	28.88	1			
DBW 187 (C )	28.65	5	21.92	6	25.28	5			
HD 2967 (C )	28.88	4	24.51	2	26.70	3			
Mean	29.14		23.31		26.22				
		F. Test	SEm	CD	CV (%)				
Sowing (A)		*	0.52	2.14	9.10				
Genotype (B)		**	0.57	1.37	5.29				
B within A		N.S.	0.80	1.94					
A within B			0.91	2.19					
<b>1000 Grains Weight, g</b>									
HD 3388	41.30	1	37.63	5	39.47	2			
HD 3249 (C )	36.80	4	37.33	6	37.07	6			
HD 3086 ( C )	39.37	2	41.80	1	40.58	1			
PBW 826 (I)(C )	36.47	6	37.77	3	37.12	5			
DBW 222 (C )	34.30	7	35.27	7	34.78	7			
DBW 187 (C )	36.93	3	39.73	2	38.33	3			
HD 2967 (C )	36.80	4	37.67	4	37.23	4			
Mean	37.42		38.17		37.80				
		F. Test	SEm	CD	CV (%)				
Sowing (A)		N.S.	0.41	1.67	4.94				
Genotype (B)		**	0.42	1.01	2.71				
B within A		**	0.59	1.43					
A within B			0.68	1.65					
Date of Sowing	11.11.2022		15.12.2022						
Date of Harvesting	23.04.2023								

Table 3.2.5.		North Eastern Plains Zone		IR-TS-DOS-TAS		Ranchi		2022-23	
Genotype	Date of Sowing				Mean	Rk			
	Timely	Rk	Late	Rk					
<b>Yield, q/ha</b>									
HD 3388	67.70	1	55.83	4	61.77	1			
HD 3249 (C )	65.63	3	57.33	2	61.48	2			
HD 3086 ( C )	59.00	7	57.87	1	58.43	4			
PBW 826 (I)(C )	66.13	2	56.80	3	61.47	3			
DBW 222 (C )	60.23	5	54.23	5	57.23	5			
DBW 187 (C )	59.07	6	50.87	6	54.97	6			
HD 2967 (C )	63.77	4	39.03	7	51.40	7			
Mean	63.08		53.14		58.11				
<b>F. Test</b>									
Sowing (A)		**	0.61	2.50	4.81				
Genotype (B)		**	1.21	2.94	5.12				
B within A		**	1.72	4.16					
A within B			1.70	4.12					
<b>Earhead/sqm</b>									
HD 3388	463	1	345	4	404	1			
HD 3249 (C )	421	3	358	2	390	3			
HD 3086 ( C )	367	6	380	1	373	4			
PBW 826 (I)(C )	425	2	355	3	390	2			
DBW 222 (C )	360	7	315	5	338	6			
DBW 187 (C )	373	5	308	6	341	5			
HD 2967 (C )	390	4	263	7	327	7			
Mean	400		332		366				
<b>F. Test</b>									
Sowing (A)	(A)	**	2.42	9.93	3.03				
Genotype (B)	(B)	**	12.10	29.27	8.10				
B within A		**	17.11	41.39					
A within B			16.02	38.77					
<b>Grains/Earhead</b>									
HD 3388	32.23	7	39.35	4	35.79	7			
HD 3249 (C )	36.84	5	39.05	5	37.94	4			
HD 3086 ( C )	37.23	3	35.87	7	36.55	6			
PBW 826 (I)(C )	35.24	6	39.61	3	37.43	5			
DBW 222 (C )	41.31	1	41.98	1	41.65	1			
DBW 187 (C )	37.23	4	41.64	2	39.43	2			
HD 2967 (C )	39.41	2	38.56	6	38.98	3			
Mean	37.07		39.44		38.25				
<b>F. Test</b>									
Sowing (A)		N.S.	0.91	3.72	10.88				
Genotype (B)		N.S.	1.86	4.51	11.93				
B within A		N.S.	2.64	6.38					
A within B			2.60	6.30					
<b>1000 Grains Weight, g</b>									
HD 3388	45.40	1	41.13	3	43.27	1			
HD 3249 (C )	42.49	5	41.33	2	41.91	4			
HD 3086 ( C )	43.33	3	42.53	1	42.93	2			
PBW 826 (I)(C )	44.26	2	40.47	6	42.36	3			
DBW 222 (C )	41.13	7	41.13	3	41.13	6			
DBW 187 (C )	42.66	4	40.69	5	41.68	5			
HD 2967 (C )	41.73	6	38.47	7	40.10	7			
Mean	43.00		40.82		41.91				
<b>F. Test</b>									
Sowing (A)		*	0.23	0.95	2.52				
Genotype (B)		*	0.57	1.37	3.31				
B within A		N.S.	0.80	1.94					
A within B			0.78	1.88					
Date of Sowing	01.11.2022		10.12.2022						
Date of Harvesting	20.04.2023								

Table 3.2.6.		North Eastern Plains Zone		IR-TS-DOS-TAS		RPCAU PUSA 2022-23	
Genotype	Date of Sowing			Rk	Mean	Rk	
	Timely	Rk	Late				
<b>Yield, q/ha</b>							
HD 3388	31.17	7	25.23	4	28.2	5	
HD 3249 (C )	35.78	4	14.80	7	25.29	7	
HD 3086 ( C )	33.30	6	31.17	2	32.23	4	
PBW 826 (I)(C )	48.04	1	34.20	1	41.12	1	
DBW 222 (C )	47.83	2	25.80	3	36.82	2	
DBW 187 (C )	47.52	3	24.97	5	36.24	3	
HD 2967 (C )	34.36	5	16.50	6	25.43	6	
Mean	39.71		24.6		32.19		
		F. Test		SEm	CD	CV (%)	
Sowing (A)		**	0.51	2.08	7.21		
Genotype (B)		**	0.72	1.74	5.48		
B within A		**	1.02	2.46			
A within B			1.07	2.59			
<b>Earhead/sqm</b>							
HD 3388	219	7	212	2	215	7	
HD 3249 (C )	228	6	205	7	217	6	
HD 3086 ( C )	239	4	209	5	224	4	
PBW 826 (I)(C )	256	1	215	1	235	1	
DBW 222 (C )	246	3	211	4	229	3	
DBW 187 (C )	254	2	211	3	233	2	
HD 2967 (C )	234	5	205	6	220	5	
Mean	240		210		225		
		F. Test		SEm	CD	CV (%)	
Sowing (A)		**	0.85	3.48	1.73		
Genotype (B)		*	4.82	11.67	5.26		
B within A		N.S.	6.82	16.51			
A within B			6.37	15.42			
<b>Grains/Earhead</b>							
HD 3388	37.21	5	31.35	4	34.28	5	
HD 3249 (C )	42.66	4	21.44	7	32.05	6	
HD 3086 ( C )	34.13	7	39.64	2	36.89	4	
PBW 826 (I)(C )	43.82	2	40.32	1	42.07	2	
DBW 222 (C )	49.33	1	35.68	3	42.50	1	
DBW 187 (C )	43.82	3	31.02	5	37.42	3	
HD 2967 (C )	36.84	6	23.34	6	30.09	7	
Mean	41.12		31.83		36.47		
		F. Test		SEm	CD	CV (%)	
Sowing (A)		**	0.47	1.93	5.92		
Genotype (B)		**	1.44	3.48	9.67		
B within A		**	2.04	4.93			
A within B			1.94	4.70			
<b>1000 Grains Weight, g</b>							
HD 3388	38.40	6	38.15	3	38.28	4	
HD 3249 (C )	36.90	7	33.63	7	35.27	7	
HD 3086 ( C )	41.07	3	37.68	4	39.37	3	
PBW 826 (I)(C )	42.85	1	39.69	1	41.27	1	
DBW 222 (C )	39.60	5	34.38	6	36.99	6	
DBW 187 (C )	42.69	2	38.24	2	40.46	2	
HD 2967 (C )	39.95	4	34.69	5	37.32	5	
Mean	40.21		36.64		38.42		
		F. Test		SEm	CD	CV (%)	
Sowing (A)		*	0.42	1.70	4.95		
Genotype (B)		**	0.78	1.88	4.94		
B within A		N.S.	1.10	2.65			
A within B			1.10	2.65			
Date of Sowing	24.11.2022		16.12.2023				
Date of Harvesting	12.04.2023						



Table 3.2.7.		North Eastern Plains Zone		IR-TS-DOS-TAS		Sabour		2022-23	
Genotype	Date of Sowing				Mean	Rk			
	Timely	Rk	Late	Rk					
<b>Yield, q/ha</b>									
HD 3388	35.95	5	24.19	7	30.07	7			
HD 3249 (C)	41.13	1	32.58	1	36.85	1			
HD 3086 (C)	38.21	2	27.90	3	33.06	2			
PBW 826 (I)(C)	35.44	6	25.85	5	30.64	5			
DBW 222 (C)	36.15	4	24.38	6	30.26	6			
DBW 187 (C)	36.69	3	27.26	4	31.97	4			
HD 2967 (C)	35.00	7	29.38	2	32.19	3			
Mean	36.94		27.83		32.15				
<b>Statistical Analysis</b>									
		F. Test		SEm		CD		CV (%)	
Sowing (A)			0.91		3.74		13.00		
Genotype (B)			1.21		2.93		9.22		
B within A			N.S.		1.71		4.14		
A within B			1.83		4.42				
<b>Earhead/sqm</b>									
HD 3388	228	6	219	5	223	6			
HD 3249 (C)	286	1	217	6	252	2			
HD 3086 (C)	276	2	234	1	255	1			
PBW 826 (I)(C)	253	4	227	4	240	4			
DBW 222 (C)	236	5	232	2	234	5			
DBW 187 (C)	266	3	231	3	249	3			
HD 2967 (C)	215	7	211	7	213	7			
Mean	251		224		238				
<b>Statistical Analysis</b>									
		F. Test		SEm		CD		CV (%)	
Sowing (A)			N.S.		5.56		22.79		10.71
Genotype (B)			**		6.91		16.73		7.12
B within A			*		9.78		23.66		
A within B					10.62		25.70		
<b>Grains/Earhead</b>									
HD 3388	41.14	3	34.22	4	37.68	2			
HD 3249 (C)	33.93	6	38.82	2	36.38	4			
HD 3086 (C)	33.52	7	31.57	7	32.54	7			
PBW 826 (I)(C)	35.23	4	31.85	6	33.54	6			
DBW 222 (C)	41.95	2	32.25	5	37.10	3			
DBW 187 (C)	34.81	5	35.95	3	35.38	5			
HD 2967 (C)	47.50	1	39.17	1	43.33	1			
Mean	38.30		34.83		36.56				
<b>Statistical Analysis</b>									
		F. Test		SEm		CD		CV (%)	
Sowing (A)			N.S.		2.03		8.33		25.44
Genotype (B)			N.S.		2.40		5.82		16.11
B within A			N.S.		3.40		8.23		
A within B					3.75		9.07		
<b>1000 Grains Weight, g</b>									
HD 3388	38.67	5	33.67	5	36.17	5			
HD 3249 (C)	42.33	1	39.00	1	40.67	1			
HD 3086 (C)	41.67	2	37.67	2	39.67	2			
PBW 826 (I)(C)	40.00	3	36.00	3	38.00	3			
DBW 222 (C)	36.67	6	33.33	6	35.00	7			
DBW 187 (C)	39.67	4	33.33	6	36.50	4			
HD 2967 (C)	35.00	7	35.67	4	35.33	6			
Mean	39.14		35.52		37.33				
<b>Statistical Analysis</b>									
		F. Test		SEm		CD		CV (%)	
Sowing (A)			*		0.50		2.06		6.17
Genotype (B)			*		1.31		3.16		8.57
B within A			N.S.		1.85		4.47		
A within B					1.78		4.31		
Date of Sowing	11.11.2022		12.12.2022						
Date of Harvesting	08.04.2023								

Table 3.2.8.		North Eastern Plains Zone		IR-TS-DOS-TAS		Shillongani		2022-23	
Genotype	Date of Sowing				Mean	Rk			
	Timely	Rk	Late	Rk					
<b>Yield, q/ha</b>									
HD 3388	37.50	5	43.86	7	40.68	6			
HD 3249 (C )	48.69	1	60.83	3	54.76	1			
HD 3086 ( C )	47.19	2	57.90	4	52.55	2			
PBW 826 (I)(C )	40.62	3	56.72	5	48.67	4			
DBW 222 (C )	40.62	3	62.87	2	51.74	3			
DBW 187 (C )	31.01	6	62.41	2	46.71	5			
HD 2967 (C )	27.35	7	49.10	6	38.23	7			
Mean	39.00		52.24		47.62				
<b>F. Test</b>									
Sowing (A)		*	SEm	1.68	CD	6.90	CV (%)	16.20	
Genotype (B)		**	1.55	3.76	8.00				
B within A		**	2.20	5.32					
A within B			2.64	6.39					
<b>Earhead/sqm</b>									
HD 3388	176	4	304	3	240	3			
HD 3249 (C )	192	2	312	2	252	2			
HD 3086 ( C )	211	1	314	1	262	1			
PBW 826 (I)(C )	158	5	298	4	228	5			
DBW 222 (C )	152	6	274	6	213	6			
DBW 187 (C )	178	3	294	5	236	4			
HD 2967 (C )	100	7	246	7	173	7			
Mean	167		292		229				
<b>F. Test</b>									
Sowing (A)		*	SEm	9.31	CD	38.17	CV (%)	18.61	
Genotype (B)		**	9.86	23.85	10.54				
B within A		N.S.	13.94	33.73					
A within B			15.91	38.50					
<b>Grains/Earhead</b>									
HD 3388	48.23	6	46.78	4	47.51	6			
HD 3249 (C )	52.16	4	45.00	6	48.58	4			
HD 3086 ( C )	55.54	3	47.06	3	51.30	3			
PBW 826 (I)(C )	50.20	5	45.31	5	47.75	5			
DBW 222 (C )	69.91	1	50.79	2	60.35	1			
DBW 187 (C )	34.87	7	42.23	7	38.55	7			
HD 2967 (C )	65.09	2	51.65	1	58.37	2			
Mean	53.71		46.97		50.34				
<b>F. Test</b>									
Sowing (A)		N.S.	SEm	1.16	CD	4.75	CV (%)	10.54	
Genotype (B)		**	2.29	5.53	11.13				
B within A		*	3.23	7.83					
A within B			3.21	7.77					
<b>1000 Grains Weight, g</b>									
HD 3388	44.97	4	30.93	7	37.95	7			
HD 3249 (C )	49.60	3	43.50	3	46.55	3			
HD 3086 ( C )	40.53	6	39.27	6	39.90	6			
PBW 826 (I)(C )	51.37	1	42.23	4	46.80	2			
DBW 222 (C )	38.77	7	45.37	2	42.07	4			
DBW 187 (C )	49.87	2	50.53	1	50.20	1			
HD 2967 (C )	41.83	5	39.97	5	40.90	5			
Mean	45.28		41.69		43.48				
<b>F. Test</b>									
Sowing (A)		*	SEm	0.30	CD	1.25	CV (%)	3.21	
Genotype (B)		**	1.09	2.63	6.12				
B within A		**	1.54	3.72					
A within B			1.46	3.52					
Date of Sowing	11.11.2022		12.12.2022						
Date of Harvesting	08.04.2023								

Genotype	Date of Sowing		Rk	Mean	Rk
	Timely	Rk			
<b>Yield, q/ha</b>					
HD 3388	49.40	2	33.50	7	41.45
HD 3249 (C )	47.58	3	42.09	3	44.83
HD 3086 ( C )	43.21	7	37.09	6	40.15
PBW 826 (I)(C )	52.17	1	42.31	1	47.24
DBW 222 (C )	44.83	5	42.30	2	43.57
DBW 187 (C )	46.58	4	37.51	5	42.04
HD 2967 (C )	44.09	6	39.82	4	41.95
Mean	46.84		39.23		43.03
		F. Test	SEm	CD	CV (%)
Sowing (A)		*	0.94	3.87	10.04
Genotype (B)		**	0.68	1.64	3.87
B within A		**	0.96	2.33	
A within B			1.30	3.14	
<b>Earhead/sqm</b>					
HD 3388	313	2	296	2	305
HD 3249 (C )	274	6	288	6	281
HD 3086 ( C )	314	1	293	3	304
PBW 826 (I)(C )	301	4	289	5	295
DBW 222 (C )	276	5	284	7	280
DBW 187 (C )	262	7	293	3	278
HD 2967 (C )	308	3	360	1	334
Mean	293		300		296
		F. Test	SEm	CD	CV (%)
Sowing (A)		N.S.	3.44	14.12	5.32
Genotype (B)		**	4.30	10.41	3.55
B within A		**	6.08	14.72	
A within B			6.60	15.97	
<b>Grains/Earhead</b>					
HD 3388	41.04	6	36.75	7	38.89
HD 3249 (C )	43.05	4	45.46	4	44.25
HD 3086 ( C )	38.70	7	47.37	3	43.03
PBW 826 (I)(C )	43.52	3	48.56	2	46.04
DBW 222 (C )	45.02	1	49.61	1	47.31
DBW 187 (C )	44.07	2	40.15	5	42.11
HD 2967 (C )	42.41	5	38.53	6	40.47
Mean	42.54		43.77		43.16
		F. Test	SEm	CD	CV (%)
Sowing (A)		N.S.	1.02	4.20	10.86
Genotype (B)		**	1.50	3.63	8.51
B within A		*	2.12	5.13	
A within B			2.21	5.35	
<b>1000 Grains Weight, g</b>					
HD 3388	38.48	4	30.89	3	34.69
HD 3249 (C )	40.35	2	32.25	1	36.30
HD 3086 ( C )	35.64	6	26.85	7	31.25
PBW 826 (I)(C )	39.89	3	30.68	4	35.29
DBW 222 (C )	36.12	5	30.16	5	33.14
DBW 187 (C )	40.38	1	32.01	2	36.20
HD 2967 (C )	33.77	7	28.83	6	31.30
Mean	37.80		30.24		34.02
		F. Test	SEm	CD	CV (%)
Sowing (A)		**	0.12	0.51	1.66
Genotype (B)		**	0.79	1.90	5.65
B within A		N.S.	1.11	2.69	
A within B			1.04	2.51	
Date of Sowing	09.11.2022		16.12.2022		
Date of Harvesting	08.04.2023				