

Table 3.1. North Eastern Plains Zone		IR-LS-DOS-TAS			Centrewise		Yield, q/ha		2021-22
Date of Sowing	Genotypes	Ayodhya	Coochbehar	Kalyani	Ranchi	Sabour	Shillongani	Varanasi	Zonal mean
Late	DBW316	40.31	36.57	27.66	45.95	36.26	42.19	41.69	38.66
	HI1563(c)	42.69	40.57	34.02	47.97	32.33	45.41	44.97	41.14
	PBW833	39.92	40.53	33.03	46.85	31.41	36.03	46.51	39.18
	HI1621(c)	44.86	35.20	26.70	51.80	35.33	38.47	45.00	39.62
	HD3118 (c)	44.28	46.00	24.83	46.85	32.48	41.94	48.71	40.73
	PBW835	45.47	44.70	30.48	44.14	39.23	43.66	45.47	41.88
	DBW107 (c)	42.10	43.20	28.11	47.97	35.58	46.09	48.26	41.62
	Mean	42.80	40.97	29.26	47.36	34.66	41.97	45.80	40.40
Very Late	DBW316	32.54	19.73	24.74	37.86	23.89	41.71	31.68	30.31
	HI1563(c)	33.73	22.33	27.16	37.19	20.52	43.72	31.47	30.88
	PBW833	33.15	18.50	23.58	36.53	23.06	40.07	33.01	29.70
	HI1621(c)	35.71	18.93	20.40	41.69	19.34	40.28	30.24	29.51
	HD3118 (c)	34.92	19.23	21.17	36.73	23.97	41.24	33.07	30.05
	PBW835	35.90	21.77	24.32	36.18	19.24	42.51	31.97	30.27
	DBW107 (c)	33.21	19.33	22.00	36.77	20.78	45.41	34.69	30.31
	Mean	34.17	19.98	23.34	37.56	21.54	42.13	32.31	30.15
Mean	DBW316	36.43	28.15	26.20	41.90	30.07	41.95	36.69	34.48
	HI1563(c)	38.21	31.45	30.59	42.58	26.42	44.56	38.22	36.01
	PBW833	36.54	29.52	28.30	41.69	27.24	38.05	39.76	34.44
	HI1621(c)	40.29	27.07	23.55	46.74	27.33	39.37	37.62	34.57
	HD3118 (c)	39.60	32.62	23.00	41.79	28.22	41.59	40.89	35.39
	PBW835	40.69	33.23	27.40	40.16	29.24	43.09	38.72	36.07
	DBW107 (c)	37.65	31.27	25.06	42.37	28.18	45.75	41.47	35.96
	Mean	38.49	30.47	26.30	42.46	28.10	42.05	39.05	35.27
CD (0.05)	Date of Sowing (A)	0.56	1.36	1.57	5.00	3.84	NS	0.62	0.59
	Genotype (B)	0.99	2.54	1.92	NS	NS	1.55	0.82	NS
	B within A	NS	3.60	NS	NS	NS	NS	1.16	NS
	A within B	NS	3.43	NS	NS	NS	NS	1.14	NS
Date of Sowing	Late	16.12.2021	15.11.2021	15.12.2021	01.12.2021	16.12.2021	11.12.2021	10.12.2021	
	V. Late	03.01.2022	10.12.2021	06.01.2022	02.01.2022	07.01.2022	03.01.2022	01.01.2022	
Date of Harvesting	Late	04.03.2022	31.03.2022	02.05.2022	10.04.2022	25.04.2022	08.04.2022	11.04.2022	
	V. Late	18.04.2022	16.04.2022	11.05.2022	02.05.2022	30.04.2022	18.04.2022	14.04.2022	

Table 3.2. North Eastern Plains Zone		IR-LS-DOS-TAS		Pooled	2021-22	
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	38.66	7	30.31	3	34.48	6
HI1563(c)	41.14	3	30.88	1	36.01	2
PBW833	39.18	6	29.70	6	34.44	7
HI1621(c)	39.62	5	29.51	7	34.57	5
HD3118 (c)	40.73	4	30.05	5	35.39	4
PBW835	41.88	1	30.27	4	36.07	1
DBW107 (c)	41.62	2	30.31	2	35.96	3
Mean	40.40		30.15		35.27	
	Date of Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.59		NS		NS	NS
Earhead/sqm						
DBW316	319	7	302	7	310	7
HI1563(c)	350	1	314	4	332	1
PBW833	319	6	310	5	314	6
HI1621(c)	329	4	323	1	326	3
HD3118 (c)	330	3	319	3	324	4
PBW835	340	2	321	2	330	2
DBW107 (c)	325	5	304	6	315	5
Mean	330		313		322	
	Date of Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	8		NS		NS	NS
Grains/Earhead						
DBW316	32.16	5	28.40	1	30.28	3
HI1563(c)	30.90	7	27.91	4	29.40	6
PBW833	32.94	2	27.96	2	30.45	2
HI1621(c)	31.90	6	26.03	7	28.97	7
HD3118 (c)	32.82	3	27.29	5	30.06	4
PBW835	32.57	4	26.48	6	29.53	5
DBW107 (c)	33.82	1	27.93	3	30.88	1
Mean	32.44		27.43		29.94	
	Date of Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.59		NS		NS	NS
1000 Grains Weight, g						
DBW316	39.67	3	36.53	2	38.10	1
HI1563(c)	39.89	1	36.24	4	38.07	2
PBW833	39.17	7	35.87	7	37.52	7
HI1621(c)	39.72	2	35.98	5	37.85	4
HD3118 (c)	39.23	6	35.97	6	37.60	6
PBW835	39.48	4	36.62	1	38.05	3
DBW107 (c)	39.35	5	36.33	3	37.84	5
Mean	39.50		36.22		37.86	
	Date of Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.33		NS		NS	NS

Centers: Ayodhya, Coochbehar, Kalyani,Ranchi, Sabour, Shillongani, Varanasi

Table 3.2.1. North Eastern Plains Zone		IR-LS-DOS-TAS			Ayodhya	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	40.31	6	32.54	7	36.43	7
HI1563(c)	42.69	4	33.73	4	38.21	4
PBW833	39.92	7	33.15	6	36.54	6
HI1621(c)	44.86	2	35.71	2	40.29	2
HD3118 (c)	44.28	3	34.92	3	39.60	3
PBW835	45.47	1	35.90	1	40.69	1
DBW107(c)	42.10	5	33.21	5	37.65	5
Mean	42.80		34.17		38.49	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.14	0.56	1.63	
Genotype (B)		**	0.41	0.99	2.61	
B within A		N.S.	0.58	1.40		
A within B			0.55	1.34		
Earhead/sqm						
DBW316	491	5	480	7	486	6
HI1563(c)	525	3	482	6	504	4
PBW833	488	6	493	4	490	5
HI1621(c)	523	4	503	3	513	3
HD3118(c)	552	1	524	1	538	1
PBW835	552	2	518	2	535	2
DBW107(c)	485	7	483	5	484	7
Mean	517		498		507	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		*	2	6	1	
Genotype (B)		**	5	12	2	
B within A		*	7	17		
A within B			7	17		
Grains/Earhead						
DBW316	22.68	5	19.80	6	21.24	6
HI1563(c)	22.73	4	21.10	1	21.91	2
PBW833	23.04	3	20.28	3	21.66	4
HI1621(c)	23.82	1	21.02	2	22.42	1
HD3118(c)	22.56	6	19.99	5	21.27	5
PBW835	22.07	7	19.68	7	20.88	7
DBW107(c)	23.68	2	20.04	4	21.86	3
Mean	22.94		20.27		21.61	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.12	0.48	2.49	
Genotype (B)		*	0.32	0.77	3.62	
B within A		N.S.	0.45	1.09		
A within B			0.43	1.05		
1000 Grains Weight, g						
DBW316	36.23	3	34.23	3	35.23	3
HI1563(c)	35.77	5	33.20	6	34.48	5
PBW833	35.53	6	33.17	7	34.35	7
HI1621(c)	36.00	4	33.80	4	34.90	4
HD3118(c)	35.53	6	33.33	5	34.43	6
PBW835	37.37	1	35.27	1	36.32	1
DBW107(c)	36.67	2	34.30	2	35.48	2
Mean	36.16		33.90		35.03	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		0	0	0	0	
Genotype (B)		**	0.11	0.27	0.78	
B within A		N.S.	0.16	0.38		
A within B			0.15	0.35		
Date of Sowing	16.12.2021		03.01.2022			
Date of Harvesting	04.03.2022		18.04.2022			

Table 3.2.2. North Eastern Plains Zone		IR-LS-DOS-TAS			Coochbehar	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	36.57	6	19.73	3	28.15	6
HI1563(c)	40.57	4	22.33	1	31.45	3
PBW833	40.53	5	18.50	7	29.52	5
HI1621(c)	35.20	7	18.93	6	27.07	7
HD3118(c)	46.00	1	19.23	5	32.62	2
PBW835	44.70	2	21.77	2	33.23	1
DBW107(c)	43.20	3	19.33	4	31.27	4
Mean	40.97		19.98		30.47	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.33	1.36	5.00	
Genotype (B)		**	1.05	2.54	8.45	
B within A		*	1.49	3.60		
A within B			1.42	3.43		
Earhead/sqm						
DBW316	231	6	196	5	213	6
HI1563(c)	268	3	212	3	240	3
PBW833	234	5	194	6	214	5
HI1621(c)	219	7	190	7	204	7
HD3118(c)	281	2	218	2	250	2
PBW835	288	1	220	1	254	1
DBW107(c)	263	4	201	4	232	4
Mean	255		205		230	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	1	5	3	
Genotype (B)		**	6	14	6	
B within A		N.S.	8	20		
A within B			8	19		
Grains/Earhead						
DBW316	40.28	5	27.34	4	33.81	6
HI1563(c)	38.57	7	29.24	1	33.90	5
PBW833	43.15	1	26.23	6	34.69	4
HI1621(c)	41.88	2	27.95	2	34.91	8
HD3118(c)	40.94	4	25.02	7	32.98	7
PBW835	38.65	6	27.62	3	33.13	2
DBW107(c)	41.83	3	27.09	5	34.46	1
Mean	40.76		27.21		33.99	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.37	1.53	5.04	
Genotype (B)		N.S.	1.58	3.81	11.36	
B within A		N.S.	2.23	5.39		
A within B			2.10	5.07		
1000 Grains Weight, g						
DBW316	39.40	4	36.90	1	38.15	2
HI1563(c)	39.37	5	36.03	3	37.70	4
PBW833	40.27	1	36.77	2	38.52	1
HI1621(c)	39.00	7	35.73	5	37.37	7
HD3118(c)	40.07	3	35.30	7	37.68	5
PBW835	40.23	2	35.87	4	38.05	3
DBW107(c)	39.23	6	35.63	6	37.43	6
Mean	39.65		36.03		37.84	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.10	0.40	1.17	
Genotype (B)		N.S.	0.31	0.74	1.99	
B within A		N.S.	0.43	1.05		
A within B			0.41	1.00		
Date of Sowing	15.11.2021		10.12.2021			
Date of Harvesting	31.03.2022		16.04.2022			

Table 3.2.3. North Eastern Plains Zone		IR-LS-DOS-TAS			Kalyani	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	27.66	5	24.74	2	26.20	4
HI1563(c)	34.02	1	27.16	1	30.59	1
PBW833	33.03	2	23.58	4	28.30	2
HI1621(c)	26.70	6	20.40	7	23.55	6
HD3118(c)	24.83	7	21.17	6	23.00	7
PBW835	30.48	3	24.32	3	27.40	3
DBW107(c)	28.11	4	22.00	5	25.06	5
Mean	29.26		23.34		26.30	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.38	1.57	6.65	
Genotype (B)		**	0.79	1.92	7.37	
B within A		N.S.	1.12	2.71		
A within B			1.10	2.67		
Earhead/sqm						
DBW316	254	4	252	2	253	4
HI1563(c)	312	1	253	1	283	1
PBW833	298	2	246	3	272	2
HI1621(c)	238	6	214	7	226	7
HD3118(c)	223	7	235	6	229	6
PBW835	275	3	238	5	257	3
DBW107(c)	248	5	244	4	246	5
Mean	264		240		252	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	2	7	3	
Genotype (B)		**	9	21	9	
B within A		N.S.	12	30		
A within B			12	28		
Grains/Earhead						
DBW316	28.56	5	25.97	4	27.26	5
HI1563(c)	26.97	7	27.62	1	27.29	4
PBW833	27.77	6	25.37	5	26.57	6
HI1621(c)	29.35	2	25.98	3	27.67	3
HD3118 (c)	29.02	4	23.96	7	26.49	7
PBW835	29.15	3	26.24	2	27.69	2
DBW107(c)	30.67	1	24.74	6	27.71	1
Mean	28.78		25.70		27.24	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)	(A)	*	0.32	1.31	5.36	
Genotype (B)	(B)	N.S.	1.30	3.14	11.66	
B within A		N.S.	1.83	4.44		
A within B			1.73	4.18		
1000 Grains Weight, g						
DBW316	38.49	4	37.95	3	38.22	4
HI1563(c)	40.48	1	38.97	2	39.73	1
PBW833	40.38	2	37.68	4	39.03	2
HI1621(c)	38.84	3	36.81	6	37.82	6
HD3118(c)	38.34	5	37.60	5	37.97	5
PBW835	38.34	6	39.31	1	38.82	3
DBW107(c)	37.36	7	36.46	7	36.91	7
Mean	38.89		37.82		38.36	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	0.27	1.11	3.23	
Genotype (B)		N.S.	0.72	1.73	4.57	
B within A		N.S.	1.01	2.45		
A within B			0.98	2.36		
Date of Sowing	15.12.2021		06.01.2022			
Date of Harvesting	02.05.2022		11.05.2022			

Table 3.2.4. North Eastern Plains Zone		IR-LS-DOS-TAS			Kanpur	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	34.14	4	20.13	1	27.14	1
HI1563(c)	32.14	5	15.97	7	24.06	7
PBW833	34.14	3	23.60	2	28.87	2
HI1621(c)	34.72	2	20.60	3	27.66	3
HD3118(c)	35.87	1	17.35	6	26.61	4
PBW835	30.08	7	19.21	4	24.65	5
DBW107(c)	30.55	6	18.05	5	24.30	6
Mean	33.09		19.77		26.18	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.				
Genotype (B)		N.S.				
B within A		N.S.				
A within B						
Earhead/sqm						
DBW316	421	7	451	5	436	6
HI1563(c)	447	4	406	7	426	7
PBW833	437	6	461	1	449	4
HI1621(c)	465	1	457	3	461	1
HD3118(c)	454	3	455	4	455	3
PBW835	462	2	460	2	461	1
DBW107(c)	443	5	449	6	446	5
Mean	447		448		448	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)	(A)	N.S.	1	2	1	
Genotype (B)	(B)	*	8	18	4	
B within A		N.S.	11	26		
A within B			10	24		
Grains/Earhead						
DBW316	23.53	1	14.76	1	19.14	1
HI1563(c)	20.75	6	14.22	7	17.49	7
PBW833	22.94	3	18.38	2	20.66	2
HI1621(c)	21.09	4	16.94	3	19.02	3
HD3118(c)	23.01	2	14.41	6	18.71	4
PBW835	19.39	7	15.65	4	17.52	6
DBW107(c)	21.00	5	15.50	5	18.25	5
Mean	21.67		15.70		18.68	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.				
Genotype (B)		N.S.				
B within A		N.S.				
A within B						
1000 Grains Weight, g						
DBW316	34.50	3	30.27	1.00	32.38	1
HI1563(c)	34.70	2	27.67	3.00	31.18	2
PBW833	34.03	5	28.07	2.00	31.05	4
HI1621(c)	35.57	1	26.60	5.00	31.08	3
HD3118(c)	34.33	4	26.57	6	30.45	5
PBW835	33.58	6	26.73	4	30.16	6
DBW107(c)	32.83	7	25.97	7	29.40	7
Mean	34.22		27.41		30.82	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.11	0.45	1.62	
Genotype (B)		**	0.22	0.53	1.75	
B within A		**	0.31	0.76		
A within B			0.31	0.75		
Date of Sowing	15.12.2021		04.01.2022			
Date of Harvesting	01.05.2022		10.05.2022			

Not included in pooled due to low mean

Table 3.2.5. North Eastern Plains Zone					IR-LS-DOS-TAS	Ranchi	2021-22
Genotype	Date of Sowing				Mean	Rk	
	Late	Rk	Very Late	Rk			
Yield, q/ha							
DBW316	45.95	6	37.86	2	41.90	4	
HI1563(c)	47.97	2	37.19	3	42.58	2	
PBW833	46.85	4	36.53	6	41.69	6	
HI1621(c)	51.80	1	41.69	1	46.74	1	
HD3118(c)	46.85	4	36.73	5	41.79	5	
PBW835	44.14	7	36.18	7	40.16	7	
DBW107(c)	47.97	2	36.77	4	42.37	3	
Mean	47.36		37.56		42.46		
		F. Test	SEm	CD (0.05)	CV (%)		
Date of Sowing (A)		*	1.22	5.00	13.15		
Genotype (B)		N.S.	1.45	3.52	8.39		
B within A		N.S.	2.06	4.98			
A within B			2.26	5.47			
Earhead/sqm							
DBW316	363	5	325	4	344	5	
HI1563(c)	370	4	338	1	354	2	
PBW833	340	6	303	7	322	6	
HI1621(c)	398	1	334	2	366	1	
HD3118(c)	380	2	318	5	349	4	
PBW835	307	7	305	6	306	7	
DBW107(c)	373	3	327	3	350	3	
Mean	362		322		342		
		F. Test	SEm	CD (0.05)	CV (%)		
Date of Sowing (A)		*	5	22	7		
Genotype (B)		*	12	29	9		
B within A		N.S.	17	41			
A within B			17	40			
Grains/Earhead							
DBW316	29.91	4	29.12	5	29.51	4	
HI1563(c)	29.40	5	27.85	7	28.62	7	
PBW833	32.64	2	31.16	1	31.90	2	
HI1621(c)	28.56	6	31.05	2	29.81	3	
HD3118(c)	28.18	7	29.60	4	28.89	6	
PBW835	34.81	1	30.24	3	32.53	1	
DBW107(c)	30.28	3	28.32	6	29.30	5	
Mean	30.54		29.62		30.08		
		F. Test	SEm	CD (0.05)	CV (%)		
Date of Sowing (A)		N.S.	0.61	2.51	9.31		
Genotype (B)		N.S.	1.81	4.37	14.72		
B within A		N.S.	2.56	6.19			
A within B			2.44	5.92			
1000 Grains Weight, g							
DBW316	42.67	5	40.07	2	41.37	5	
HI1563(c)	44.40	2	39.87	3	42.13	2	
PBW833	42.46	6	39.40	7	40.93	6	
HI1621(c)	45.59	1	40.20	1	42.89	1	
HD3118(c)	43.79	3	39.50	6	41.64	3	
PBW835	41.60	7	39.87	3	40.73	7	
DBW107(c)	43.13	4	39.80	5	41.47	4	
Mean	43.38		39.81		41.60		
		F. Test	SEm	CD (0.05)	CV (%)		
Date of Sowing (A)		**	0.12	0.48	1.30		
Genotype (B)		N.S.	0.76	1.84	4.47		
B within A		N.S.	1.07	2.60			
A within B			1.00	2.42			
Date of Sowing	01.12.2021		02.01.2022				
Date of Harvesting	10.04.2022		02.05.2022				

Table 3.2.6. North Eastern Plains Zone		IR-LS-DOS-TAS			RPCAU PUSA	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	19.63	6	17.27	6	18.45	6
HI1563(c)	21.65	5	18.97	4	20.31	5
PBW833	25.14	3	21.51	3	23.33	3
HI1621(c)	25.26	2	21.66	2	23.46	2
HD3118(c)	22.19	4	18.57	5	20.38	4
PBW835	19.29	7	17.85	7	15.32	7
DBW107(c)	29.19	1	22.14	1	25.67	1
Mean	23.19		18.78		20.99	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		*	0.56	2.30	12.22	
Genotype (B)		**	0.42	1.01	4.88	
B within A		**	0.59	1.43		
A within B			0.78	1.89		
Earhead/sqm						
DBW316	172	7	162	7	167	7
HI1563(c)	209	4	178	4	194	4
PBW833	215	2	200	1	207	1
HI1621(c)	222	1	187	2	204	2
HD3118(c)	212	3	180	3	196	3
PBW835	191	6	168	6	180	6
DBW107(c)	206	5	177	5	192	5
Mean	204		179		191	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	1	5	3	
Genotype (B)		**	3	7	4	
B within A		*	4	10		
A within B			4	10		
Grains/Earhead						
DBW316	30.04	2	30.41	4	30.22	4
HI1563(c)	25.96	6	35.07	1	30.51	3
PBW833	28.36	4	28.96	6	28.66	5
HI1621(c)	28.70	3	34.41	2	31.56	2
HD3118(c)	26.26	5	28.97	5	27.61	6
PBW835	25.56	7	22.87	7	24.21	7
DBW107(c)	33.51	1	33.06	3	33.29	1
Mean	28.34		30.54		29.44	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	0.45	1.8	7.00	
Genotype (B)		**	0.82	2.0	6.79	
B within A		**	1.15	2.8		
A within B			1.16	2.8		
1000 Grains Weight, g						
DBW316	38.00	7	35.00	4	36.50	5
HI1563(c)	39.90	3	30.40	6	35.15	6
PBW833	41.49	2	37.20	2	39.35	2
HI1621(c)	39.62	5	33.81	5	36.71	4
HD3118(c)	39.90	3	35.72	3	37.81	3
PBW835	39.60	6	29.60	7	34.60	7
DBW107(c)	42.32	1	38.00	1	40.16	1
Mean	40.12		34.25		37.18	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.42	1.72	5.15	
Genotype (B)		**	0.69	1.68	4.57	
B within A		**	0.98	2.37		
A within B			1.00	2.42		
Date of Sowing	16.12.2021		03.01.2022			
Date of Harvesting	18.04.2022		25.04.2022			

Not included in pooled due to low mean

Table 3.2.7. North Eastern Plains Zone		IR-LS-DOS-TAS			Sabour	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	36.26	2	23.89	2	30.07	1
HI1563(c)	32.33	6	20.52	5	26.42	7
PBW833	31.41	7	23.06	3	27.24	6
HI1621(c)	35.33	4	19.34	6	27.33	5
HD3118(c)	32.48	5	23.97	1	28.22	3
PBW835	39.23	1	19.24	7	29.24	2
DBW107(c)	35.58	3	20.78	4	28.18	4
Mean	34.66		21.54		28.10	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		*	0.94	3.84	15.27	
Genotype (B)		N.S.	1.80	4.34	15.65	
B within A		N.S.	2.54	6.14		
A within B			2.53	6.12		
Earhead/sqm						
DBW316	275	2	233	3	254	2
HI1563(c)	245	7	212	7	228	7
PBW833	252	5	216	5	234	5
HI1621(c)	262	4	235	2	249	3
HD3118(c)	250	6	214	6	232	6
PBW835	280	1	241	1	261	1
DBW107(c)	263	3	221	4	242	4
Mean	261		225		243	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	13	52	24	
Genotype (B)		N.S.	14	33	14	
B within A		N.S.	19	47		
A within B			22	53		
Grains/Earhead						
DBW316	35.11	5	36.32	2	35.71	2
HI1563(c)	36.38	2	30.85	4	33.61	3
PBW833	32.09	7	34.00	3	33.05	5
HI1621(c)	36.86	1	26.64	6	31.75	6
HD3118(c)	34.57	6	37.03	1	35.80	1
PBW835	35.97	4	25.39	7	30.68	7
DBW107(c)	35.98	3	30.77	5	33.37	4
Mean	35.28		31.57		33.43	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)	(A)	N.S.	0.91	3.72	12.44	
Genotype (B)	(B)	N.S.	2.80	6.76	20.48	
B within A		N.S.	3.95	9.57		
A within B			3.77	9.12		
1000 Grains Weight, g						
DBW316	37.78	5	28.37	7	33.08	7
HI1563(c)	37.56	6	31.47	3	34.52	4
PBW833	39.26	1	32.19	1	35.73	1
HI1621(c)	37.42	7	31.41	4	34.42	5
HD3118(c)	38.02	4	30.53	6	34.28	6
PBW835	39.05	2	31.67	2	35.36	2
DBW107(c)	38.22	3	31.17	5	34.70	3
Mean	38.19		30.97		34.58	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		*	0.62	2.53	8.18	
Genotype (B)		N.S.	1.09	2.64	7.74	
B within A		N.S.	1.55	3.74		
A within B			1.56	3.77		
Date of Sowing	16.12.2021		07.01.2022			
Date of Harvesting	25.04.2022		30.04.2022			

Table 3.2.8. North Eastern Plains Zone		IR-LS-DOS-TAS			Shillongani	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	42.19	4	41.71	4	41.95	4
HI1563(c)	45.41	2	43.72	2	44.56	2
PBW833	36.03	7	40.07	7	38.05	7
HI1621(c)	38.47	6	40.28	6	39.37	6
HD3118(c)	41.94	5	41.24	5	41.59	5
PBW835	43.66	3	42.51	3	43.09	3
DBW107(c)	46.09	1	45.41	1	45.75	1
Mean	41.97		42.13		42.05	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	0.32	1.31	3.48	
Genotype (B)		**	0.64	1.55	3.74	
B within A		N.S.	0.91	2.20		
A within B			0.90	2.18		
Earhead/sqm						
DBW316	239	6	306	6	273	7
HI1563(c)	305	1	333	3	319	2
PBW833	232	7	322	5	277	6
HI1621(c)	287	2	366	1	326	1
HD3118(c)	271	5	329	4	300	4
PBW835	281	3	341	2	311	3
DBW107(c)	275	4	301	7	288	5
Mean	270		328		299	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	16	66	25	
Genotype (B)		*	11	27	9	
B within A		N.S.	16	38		
A within B			22	52		
Grains/Earhead						
DBW316	40.81	1	31.77	2	36.29	1
HI1563(c)	33.79	6	30.79	3	32.29	6
PBW833	36.71	3	29.33	4	33.02	3
HI1621(c)	31.10	7	26.47	7	28.78	7
HD3118(c)	36.17	4	28.80	6	32.49	4
PBW835	35.72	5	29.15	5	32.44	5
DBW107(c)	37.38	2	33.77	1	35.57	2
Mean	35.95		30.01		32.98	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	1.03	4.21	14.28	
Genotype (B)		**	1.00	2.42	7.42	
B within A		N.S.	1.41	3.42		
A within B			1.66	4.02		
1000 Grains Weight, g						
DBW316	43.39	4	43.53	4	43.46	3
HI1563(c)	44.32	2	43.70	3	44.01	2
PBW833	42.36	7	43.12	6	42.74	7
HI1621(c)	43.26	5	42.44	7	42.85	6
HD3118(c)	42.88	6	43.82	2	43.35	4
PBW835	43.48	3	43.21	5	43.35	5
DBW107(c)	45.17	1	44.82	1	45.00	1
Mean	43.55		43.52		43.54	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	0.42	1.72	4.40	
Genotype (B)		N.S.	0.56	1.36	3.17	
B within A		N.S.	0.80	1.93		
A within B			0.85	2.05		
Date of Sowing	11.12.2021		03.01.2022			
Date of Harvesting	08.04.2022		18.04.2022			

Table 3.2.9. North Eastern Plains Zone		IR-LS-DOS-TAS			Varanasi	2021-22
Genotype	Date of Sowing				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
DBW316	41.69	7	31.68	5	36.69	7
HI1563(c)	44.97	6	31.47	6	38.22	5
PBW833	46.51	3	33.01	3	39.76	3
HI1621(c)	45.00	5	30.24	7	37.62	6
HD3118(c)	48.71	1	33.07	2	40.89	2
PBW835	45.47	4	31.97	4	38.72	4
DBW107(c)	48.26	2	34.69	1	41.47	1
Mean	45.80		32.31		39.05	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		**	0.15	0.62	1.77	
Genotype (B)		**	0.34	0.82	2.13	
B within A		**	0.48	1.16		
A within B			0.47	1.14		
Earhead/sqm						
DBW316	378	4	322	7	350	7
HI1563(c)	426	1	371	5	399	1
PBW833	391	3	393	2	392	3
HI1621(c)	375	5	418	1	397	2
HD3118(c)	354	7	392	3	373	5
PBW835	397	2	381	4	389	4
DBW107(c)	368	6	353	6	361	6
Mean	384		376		380	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		N.S.	6	24	7	
Genotype (B)		**	9	23	6	
B within A		**	13	32		
A within B			14	33		
Grains/Earhead						
DBW316	27.78	7	28.48	3	28.13	6
HI1563(c)	28.45	6	27.94	4	28.19	5
PBW833	35.20	3	29.34	2	32.27	3
HI1621(c)	31.71	4	23.14	7	27.42	7
HD3118(c)	38.29	1	26.66	6	32.47	2
PBW835	31.62	5	27.07	5	29.35	4
DBW107(c)	36.94	2	30.76	1	33.85	1
Mean	32.86		27.62		30.24	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		*	0.50	2.06	7.60	
Genotype (B)		**	0.90	2.18	7.31	
B within A		**	1.28	3.09		
A within B			1.28	3.10		
1000 Grains Weight, g						
DBW316	39.73	1	34.63	1	37.18	1
HI1563(c)	37.36	3	30.46	6	33.91	3
PBW833	33.94	7	28.77	7	31.35	7
HI1621(c)	37.93	2	31.47	4	34.70	2
HD3118(c)	35.95	5	31.73	3	33.84	5
PBW835	36.30	4	31.15	5	33.73	6
DBW107(c)	35.68	6	32.11	2	33.90	4
Mean	36.70		31.48		34.09	
		F. Test	SEm	CD (0.05)	CV (%)	
Date of Sowing (A)		*	0.45	1.86	6.09	
Genotype (B)		**	0.46	1.11	3.31	
B within A		N.S.	0.65	1.58		
A within B			0.75	1.82		
Date of Sowing	10.12.2021		01.01.2022			
Date of Harvesting	11.04.2022		14.04.2022			