

Table 7.13.1 North Eastern Plains Zone			IR-TS-HLB- DOS		Ayodhya	2025-26
Genotype	Sowing time				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
IR-TS-HLB-DOS-1	46.18	1	42.51	1	44.35	1
IR-TS-HLB-DOS-2	43.19	2	37.74	3	40.47	3
IR-TS-HLB-DOS-3	43.02	3	41.30	2	42.16	2
Mean	44.13		40.51		42.32	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		**	0.06	0.21	0.51	
Genotype (B)		**	0.22	0.56	1.48	
B within A		**	0.31	0.79		
A within B			0.26	0.67		
Earhead/sq.m.						
IR-TS-HLB-DOS-1	432	1	429	1	431	1
IR-TS-HLB-DOS-2	431	2	424	2	428	2
IR-TS-HLB-DOS-3	423	3	420	3	422	3
Mean	429		424		427	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		*	0.95	3.18	0.78	
Genotype (B)		**	0.51	1.27	0.34	
B within A		N.S.	0.71	1.80		
A within B			1.12	2.27		
Grains/earhead						
IR-TS-HLB-DOS-1	26.17	1	25.56	2	25.87	2
IR-TS-HLB-DOS-2	25.95	2	24.06	3	25.01	3
IR-TS-HLB-DOS-3	25.68	3	26.34	1	26.01	1
Mean	25.93		25.32		25.63	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		*	0.15	0.49	1.99	
Genotype (B)		*	0.23	0.57	2.49	
B within A		*	0.32	0.81		
A within B			0.30	0.67		
1000 grains weight, g						
IR-TS-HLB-DOS-1	40.85	1	38.76	1	39.81	1
IR-TS-HLB-DOS-2	38.63	3	36.99	3	37.81	3
IR-TS-HLB-DOS-3	39.58	2	37.37	2	38.47	2
Mean	39.69		37.71		38.70	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		*	0.24	0.80	2.17	
Genotype (B)		**	0.24	0.62	1.80	
B within A		N.S.	0.35	0.87		
A within B			0.37	0.83		
Date of Sowing:	19-11-2025	16-12-2025	Date of Harvesting:	13-03-2026	04.04.2026	26

Table 7.13.2 North Eastern Plains Zone				IR-TS-HLB- DOS		Kanpur	2025-26
Genotype	Date of Sowing				Mean	Rk	
	D1	Rk	D2	Rk			
Yield, q/ha							
IR-TS-HLB-DOS-1	34.46	2	32.67	1	33.57	1	
IR-TS-HLB-DOS-2	34.30	3	32.41	2	33.35	2	
IR-TS-HLB-DOS-3	35.29	1	30.67	3	32.98	3	
Mean	34.68		31.92		33.30		
		F. Test	S.E.m	C.D.	C.V.(%)		
DOS (A)		**	1.18	0.58	1.82		
Genotype (B)		N.S.	0.26	0.66	2.22		
B within A		*	0.37	0.93			
A within B			0.35	1.14			
Earhead/sq.m.							
IR-TS-HLB-DOS-1	352	2	282	1	317	1	
IR-TS-HLB-DOS-2	356	1	273	2	315	2	
IR-TS-HLB-DOS-3	343	3	270	3	306	3	
Mean	350		275		313		
		F. Test	S.E.m	C.D.	C.V.(%)		
DOS (A)		**	3.43	11.40	3.80		
Genotype (B)		*	2.83	7.14	2.56		
B within A		N.S.	4.01	10.10			
A within B			4.74	15.63			
Grains/earhead							
IR-TS-HLB-DOS-1	26.25	2	30.44	2	28.34	3	
IR-TS-HLB-DOS-2	25.06	3	33.42	1	29.24	1	
IR-TS-HLB-DOS-3	27.70	1	29.43	3	28.57	2	
Mean	26.34		31.09		28.72		
		F. Test	S.E.m	C.D.	C.V.(%)		
DOS (A)		*	0.71	2.38	8.61		
Genotype (B)		N.S.	0.39	0.98	3.83		
B within A		**	0.55	1.38			
A within B			0.84	2.76			
1000 grains weight, g							
IR-TS-HLB-DOS-1	37.33	2	38.13	2	37.73	2	
IR-TS-HLB-DOS-2	38.47	1	35.63	3	37.05	3	
IR-TS-HLB-DOS-3	37.20	3	38.70	1	37.95	1	
Mean	37.67		37.49		37.58		
		F. Test	S.E.m	C.D.	C.V.(%)		
DOS (A)		N.S.	0.36	1.18	3.27		
Genotype (B)		N.S.	0.28	0.72	2.14		
B within A		**	0.40	1.01			
A within B			0.48	0.73			
Date of Sowing:	05.12.2025	15.12.2025	Date of Harvesting:	25.04.2026	26.04.2026		

Table 7.13.3 North Eastern Plains Zone

Ranchi

2025-26

Genotype	Date of Sowing				Mean	Rk
	D1	Rk	D2	Rk		
Yield, q/ha						
IR-TS-HLB-DOS-1	27.80	2	18.53	2	23.17	2
IR-TS-HLB-DOS-2	36.33	1	24.73	1	30.53	1
IR-TS-HLB-DOS-3	20.73	3	15.00	3	17.87	3
Mean	28.29		19.42		23.86	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		**	0.59	1.97	8.67	
Genotype (B)		**	0.74	1.87	8.90	
B within A		N.S.	1.05	2.65		
A within B			1.04	2.32		
Earhead/sq.m						
IR-TS-HLB-DOS-1	223	2	185	2	204	2
IR-TS-HLB-DOS-2	257	1	203	1	230	1
IR-TS-HLB-DOS-3	193	3	150	3	171	3
Mean	224		180		202	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		**	1.92	6.38	3.32	
Genotype (B)		**	6.69	16.85	9.44	
B within A		N.S.	9.46	23.83		
A within B			7.96	17.90		
Grains/earhead						
IR-TS-HLB-DOS-1	36.69	2	31.28	3	33.99	2
IR-TS-HLB-DOS-2	38.66	1	36.16	1	37.41	1
IR-TS-HLB-DOS-3	32.86	3	32.04	2	32.45	3
Mean	36.07		33.16		34.62	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		N.S.	0.97	3.22	9.67	
Genotype (B)		N.S.	2.06	5.20	16.81	
B within A		N.S.	2.92	7.36		
A within B			2.57	4.80		
1000 grains weight, g						
IR-TS-HLB-DOS-1	34.04	2	32.40	2	33.22	2
IR-TS-HLB-DOS-2	36.93	1	34.27	1	35.60	1
IR-TS-HLB-DOS-3	33.27	3	31.33	3	32.30	3
Mean	34.75		32.67		33.71	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		*	0.33	1.09	3.38	
Genotype (B)		**	0.39	0.99	3.30	
B within A		N.S.	0.56	1.40		
A within B			0.56	1.29		
Date of Sowing:	18.11.25	17.12.25	Date of Harvesting:	04.04.26	10.04.26	

Table 7.13.4 North Eastern Plains Zone

Varanasi

2025-26

Genotype	Date of Sowing				Mean	Rk
	D1	Rk	D2	Rk		
Yield, q/ha						
IR-TS-HLB-DOS-1	17.01	2	15.27	2	16.14	2
IR-TS-HLB-DOS-2	24.37	1	19.32	1	21.85	1
IR-TS-HLB-DOS-3	11.11	3	8.35	3	9.73	3
Mean	17.50		14.32		15.91	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		N.S.	2.89	9.62	62.47	
Genotype (B)		N.S.	2.65	6.67	46.68	
B within A		N.S.	3.74	9.43		
A within B			4.21	6.10		
Earhead/sq.m.						
IR-TS-HLB-DOS-1	452	3	555	1	504	3
IR-TS-HLB-DOS-2	619	1	530	3	574	1
IR-TS-HLB-DOS-3	597	2	550	2	574	2
Mean	556		545		550	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		N.S.	24.02	79.93	15.14	
Genotype (B)		N.S.	17.56	44.26	9.04	
B within A		*	24.84	62.60		
A within B			31.44	53.78		
Grains/earhead						
IR-TS-HLB-DOS-1	14.33	1	12.10	2	13.22	2
IR-TS-HLB-DOS-2	13.42	2	13.46	1	13.44	1
IR-TS-HLB-DOS-3	6.51	3	6.24	3	6.38	3
Mean	11.42		10.60		11.01	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		N.S.	1.82	6.06	56.66	
Genotype (B)		N.S.	1.72	4.35	43.84	
B within A		N.S.	2.44	6.15		
A within B			2.70	4.46		
1000 grains weight, g						
IR-TS-HLB-DOS-1	26.36	3	23.43	3	24.89	3
IR-TS-HLB-DOS-2	30.35	1	27.10	1	28.72	1
IR-TS-HLB-DOS-3	28.20	2	24.79	2	26.50	2
Mean	28.30		25.11		26.71	
		F. Test	S.E.m	C.D.	C.V.(%)	
DOS (A)		**	0.36	1.21	4.75	
Genotype (B)		N.S.	1.22	3.08	13.03	
B within A		N.S.	1.73	4.36		
A within B			1.46	4.28		
Date of Sowing:	24.11.2025	15.12.2025	Date of Harvesting:	31.03.2026	13.04.2026	