

Table 7.14. North Eastern Plains Zone		IR-TS-FB- DO ¹ Centrewise			2025-26
Sowing time	Genotype	Ayodhya	Kanpur	Ranchi	Zonal mean
Timely	IR-TS-FB-DOS-1	55.10	42.82	48.27	48.73
	IR-TS-FB-DOS-2	56.43	43.52	41.86	47.27
	IR-TS-FB-DOS-3	54.00	40.53	48.60	47.71
	IR-TS-FB-DOS-4	52.50	39.25	44.74	45.49
	Mean	54.51	41.53	45.87	47.30
Late	IR-TS-FB-DOS-1	53.30	38.15	39.49	43.65
	IR-TS-FB-DOS-2	55.92	39.15	39.44	44.84
	IR-TS-FB-DOS-3	52.00	33.89	38.89	41.59
	IR-TS-FB-DOS-4	50.67	37.30	33.13	40.37
	Mean	52.97	37.12	37.74	42.61
Mean	IR-TS-FB-DOS-1	54.20	40.49	43.88	46.19
	IR-TS-FB-DOS-2	56.18	41.33	40.65	46.05
	IR-TS-FB-DOS-3	53.00	37.21	43.75	44.65
	IR-TS-FB-DOS-4	51.58	38.27	38.93	42.93
	Mean	53.74	39.33	41.80	44.96
CD (0.05)	Sowing (A)	0.14	2.13	4.82	1.17
	Genotype (B)	0.70	1.32	2.42	0.89
	B within A	0.99	1.87	3.42	1.25
	A within B	0.86	2.08	4.18	1.65
Date of Sowing:		19.11.2025	05.12.2025	19.11.2025	
		16.12.2025	17.12.2025	19.12.2025	
Date of Harvesting:		13.03.2026	25.04.2026	10.04.2026	
		03.04.2026	26.04.2026	20.04.2026	

Table 7.15. North Eastern Plain Zone			IR-TS-FB- DOS		Pooled	2025-26
Genotype	Sowing Time				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
IR-TS-FB-DOS-1	48.73	1	43.65	2	46.19	1
IR-TS-FB-DOS-2	47.27	3	44.84	1	46.05	2
IR-TS-FB-DOS-3	47.71	2	41.59	3	44.65	3
IR-TS-FB-DOS-4	45.49	4	40.37	4	42.93	4
Mean	47.30		42.61		44.96	
	Sowing (A)		Genotype (B)	B within A	A within B	
CD (0.05)	1.17		0.89	1.25	1.65	
Earhead/sq.m.						
IR-TS-FB-DOS-1	403	1	348	1	375	1
IR-TS-FB-DOS-2	375	4	344	2	360	3
IR-TS-FB-DOS-3	398	2	336	3	367	2
IR-TS-FB-DOS-4	385	3	326	4	355	4
Mean	390		339		364	
	Sowing (A)		Genotype (B)	B within A	A within B	
CD (0.05)	6.82		10.96	NS	16.89	
Grains/earhead						
IR-TS-FB-DOS-1	28.65	4	32.19	3	30.42	4
IR-TS-FB-DOS-2	30.63	1	32.93	1	31.78	1
IR-TS-FB-DOS-3	29.40	3	32.50	2	30.95	3
IR-TS-FB-DOS-4	30.11	2	32.17	4	31.14	2
Mean	29.70		32.45		31.07	
	Sowing (A)		Genotype (B)	B within A	A within B	
CD (0.05)	1.56		N.S.	N.S.	2.53	
1000 grains weight, g						
IR-TS-FB-DOS-1	42.61	1	39.92	2	41.27	2
IR-TS-FB-DOS-2	42.11	2	40.57	1	41.34	1
IR-TS-FB-DOS-3	41.17	3	39.16	4	40.16	3
IR-TS-FB-DOS-4	39.69	4	39.67	3	39.68	4
Mean	41.39		39.83		40.61	
	Sowing (A)		Genotype (B)	B within A	A within B	
CD (0.05)	0.30		0.64	0.91	0.96	
Centres: Ayodhya, Kanpur, Ranchi						

Table 7.15.1 North Eastern Plains Zone			IR-TS-FB-DOS		Ayodhya	2025-26
Genotype	Sowing Time				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
IR-TS-FB-DOS-1	55.10	2	53.30	2	54.20	2
IR-TS-FB-DOS-2	56.43	1	55.92	1	56.18	1
IR-TS-FB-DOS-3	54.00	3	52.00	3	53.00	3
IR-TS-FB-DOS-4	52.50	4	50.67	4	51.58	4
Mean	54.51		52.97		53.74	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		**	0.03	0.14	0.22	
Genotype (B)		**	0.28	0.70	1.27	
B within A		N.S.	0.39	0.99		
A within B			0.34	0.86		
Earhead/sq.m.						
IR-TS-FB-DOS-1	481	2	473	2	477	2
IR-TS-FB-DOS-2	484	1	477	1	481	1
IR-TS-FB-DOS-3	472	3	467	3	470	3
IR-TS-FB-DOS-4	466	4	461	4	463	4
Mean	476		470		473	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	1.20	4.97	0.88	
Genotype (B)		**	2.07	5.22	1.07	
B within A		N.S.	2.93	7.38		
A within B			2.81	7.07		
Grains/earhead						
IR-TS-FB-DOS-1	29.54	3	29.77	4	29.66	4
IR-TS-FB-DOS-2	29.40	4	30.91	1	30.15	3
IR-TS-FB-DOS-3	30.33	2	30.25	3	30.29	2
IR-TS-FB-DOS-4	30.48	1	30.56	2	30.52	1
Mean	29.94		30.37		30.15	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	0.15	0.62	1.74	
Genotype (B)		N.S.	0.28	0.70	2.25	
B within A		N.S.	0.39	0.99		
A within B			0.37	0.94		
1000 grains weight, g						
IR-TS-FB-DOS-1	38.80	2	37.83	2	38.32	2
IR-TS-FB-DOS-2	39.67	1	37.93	1	38.80	1
IR-TS-FB-DOS-3	37.77	3	36.80	3	37.28	3
IR-TS-FB-DOS-4	36.97	4	36.00	4	36.48	4
Mean	38.30		37.14		37.72	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		*	0.10	0.43	0.96	
Genotype (B)		**	0.24	0.60	1.55	
B within A		N.S.	0.34	0.85		
A within B			0.31	0.78		
Date of Sowing:	19.11.2025	16.12.2025	Date of Harvesting:	13.03.2026	03.04.2026	

Table 7.15.2 North Eastern Plains Zone			IR-TS-FB-DOS		Kanpur	2025-26
Genotype	Sowing Time				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
IR-TS-FB-DOS-1	42.82	2	38.15	2	40.49	2
IR-TS-FB-DOS-2	43.52	1	39.15	1	41.33	1
IR-TS-FB-DOS-3	40.53	3	33.89	4	37.21	4
IR-TS-FB-DOS-4	39.25	4	37.30	3	38.27	3
Mean	41.53		37.12		39.33	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		*	0.52	2.13	4.55	
Genotype (B)		**	0.53	1.32	3.27	
B within A		*	0.74	1.87		
A within B			0.83	2.08		
Earhead/sq.m.						
IR-TS-FB-DOS-1	358	2	278	1	318	2
IR-TS-FB-DOS-2	348	3	272	3	310	3
IR-TS-FB-DOS-3	339	4	268	4	304	4
IR-TS-FB-DOS-4	365	1	278	1	321	1
Mean	353		274		313	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		**	1.24	5.11	1.37	
Genotype (B)		N.S.	4.99	12.57	3.90	
B within A		N.S.	7.05	17.78		
A within B			6.23	15.71		
Grains/earhead						
IR-TS-FB-DOS-1	27.01	3	32.58	2	29.80	3
IR-TS-FB-DOS-2	27.64	2	33.67	1	30.66	1
IR-TS-FB-DOS-3	29.72	1	31.53	3	30.63	2
IR-TS-FB-DOS-4	26.90	4	30.36	4	28.63	4
Mean	27.82		32.04		29.93	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		*	0.59	2.43	6.82	
Genotype (B)		N.S.	0.61	1.53	4.97	
B within A		N.S.	0.86	2.16		
A within B			0.95	2.39		
1000 grains weight, g						
IR-TS-FB-DOS-1	44.30	2	42.13	3	43.22	2
IR-TS-FB-DOS-2	45.27	1	42.77	2	44.02	1
IR-TS-FB-DOS-3	40.27	3	40.13	4	40.20	4
IR-TS-FB-DOS-4	40.10	4	44.20	1	42.15	3
Mean	42.48		42.31		42.40	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	0.20	0.82	1.62	
Genotype (B)		**	0.62	1.56	3.59	
B within A		**	0.88	2.21		
A within B			0.79	1.98		
Date of Sowing:	05.12.2025	17.12.2025	Date of Harvesting:	25.04.2026	26.04.2026	26

Table 7.15.3 North Eastern Plains Zone			IR-TS-FB- DOS		Ranchi	2025-26
Genotype	Sowing Time				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
IR-TS-FB-DOS-1	48.27	2	39.49	1	43.88	1
IR-TS-FB-DOS-2	41.86	4	39.44	2	40.65	3
IR-TS-FB-DOS-3	48.60	1	38.89	3	43.75	2
IR-TS-FB-DOS-4	44.74	3	33.13	4	38.93	4
Mean	45.87		37.74		41.80	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		*	1.17	4.82	9.67	
Genotype (B)		**	0.96	2.42	5.63	
B within A		*	1.36	3.42		
A within B			1.66	4.18		
Earhead/sq.m.						
IR-TS-FB-DOS-1	370	2	292	1	331	1
IR-TS-FB-DOS-2	293	4	283	2	288	3
IR-TS-FB-DOS-3	383	1	273	3	328	2
IR-TS-FB-DOS-4	323	3	240	4	282	4
Mean	343		272		307	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		*	7.25	29.93	8.17	
Genotype (B)		*	12.90	32.51	10.28	
B within A		N.S.	18.24	45.98		
A within B			17.38	43.81		
Grains/earhead						
IR-TS-FB-DOS-1	29.40	3	34.20	4	31.80	4
IR-TS-FB-DOS-2	34.85	1	34.21	3	34.53	1
IR-TS-FB-DOS-3	28.16	4	35.72	1	31.94	3
IR-TS-FB-DOS-4	32.96	2	35.60	2	34.28	2
Mean	31.34		34.93		33.14	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	1.58950822	6.56388	16.616248	
Genotype (B)		N.S.	1.74631968	4.40095	12.908594	
B within A		N.S.	2.46966898	6.22388		
A within B			2.66476735	6.71556		
1000 grains weight, g						
IR-TS-FB-DOS-1	44.73	2	39.80	3	42.27	2
IR-TS-FB-DOS-2	41.40	4	41.00	1	41.20	3
IR-TS-FB-DOS-3	45.47	1	40.53	2	43.00	1
IR-TS-FB-DOS-4	42.00	3	38.80	4	40.40	4
Mean	43.40		40.03		41.72	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		**	0.24	0.97	1.96	
Genotype (B)		**	0.48	1.20	2.79	
B within A		*	0.67	1.69		
A within B			0.63	1.58		
Date of Sowing:	19.11.25	19.12.25	Date of Harvesting:	10.04.26	20.04.26	

Table 7.15.4 North Eastern Plains Zone			IR-TS-FB- DOS		Varanasi	2025-26
Genotype	Sowing Time				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
IR-TS-FB-DOS-1	28.68	1	16.05	2	22.37	2
IR-TS-FB-DOS-2	27.95	2	18.56	1	23.26	1
IR-TS-FB-DOS-3	21.77	3	15.77	3	18.77	3
IR-TS-FB-DOS-4	20.24	4	15.77	3	18.00	4
Mean	24.66		16.54		20.60	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	1.76	7.27	29.61	
Genotype (B)		N.S.	2.26	5.69	26.85	
B within A		N.S.	3.19	8.05		
A within B			3.28	8.26		
Earhead/sq.m.						
IR-TS-FB-DOS-1	296	1	283	1	290	1
IR-TS-FB-DOS-2	261	2	264	2	262	2
IR-TS-FB-DOS-3	248	3	244	3	246	3
IR-TS-FB-DOS-4	237	4	240	4	239	4
Mean	261		258		259	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	1.54	6.34	2.05	
Genotype (B)		**	8.74	22.03	8.26	
B within A		N.S.	12.36	31.15		
A within B			10.81	27.25		
Grains/earhead						
IR-TS-FB-DOS-1	28.44	1	21.76	3	25.10	2
IR-TS-FB-DOS-2	26.60	2	27.56	1	27.08	1
IR-TS-FB-DOS-3	23.87	3	24.60	2	24.24	3
IR-TS-FB-DOS-4	21.90	4	19.78	4	20.84	4
Mean	25.20		23.43		24.32	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		N.S.	1.82	7.52	25.95	
Genotype (B)		N.S.	3.48	8.76	35.02	
B within A		N.S.	4.92	12.39		
A within B			4.63	11.67		
1000 grains weight, g						
IR-TS-FB-DOS-1	34.62	4	26.50	3	30.56	4
IR-TS-FB-DOS-2	40.30	1	25.25	4	32.78	2
IR-TS-FB-DOS-3	36.87	3	26.90	2	31.88	3
IR-TS-FB-DOS-4	39.45	2	33.07	1	36.26	1
Mean	37.81		27.93		32.87	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)		*	1.46	6.02	15.36	
Genotype (B)		**	1.02	2.57	7.61	
B within A		*	1.44	3.64		
A within B			1.92	4.84		
Date of Sowing:	20.11.2025	15.12.2025	Date of Harvesting	31.03.2026	14.04.2026	6