

Table 4.9. Central Zone IR-TS-HL-DOS		Centrewise Yield, q/ha		2023-24
Sowing time	Genotype	Gwalior	Udaipur	Zonal mean
Timely	DWRB 223	21.52	43.12	32.32
	PL 891 (C)	17.45	43.62	30.53
	Karan 16 (C)	22.97	49.52	36.25
	NDB 943 (C)	21.18	40.48	30.83
	Mean	20.78	44.19	32.48
Late	DWRB 223	20.79	37.16	28.98
	PL 891 (C)	16.81	40.12	28.47
	Karan 16 (C)	16.56	44.93	30.75
	NDB 943 (C)	21.54	38.97	30.25
	Mean	18.93	40.30	29.61
Mean	DWRB 223	21.15	40.14	30.65
	PL 891 (C)	17.13	41.87	29.50
	Karan 16 (C)	19.77	47.23	33.50
	NDB 943 (C)	21.36	39.72	30.54
	Mean	19.85	42.24	31.05
CD (0.05)	Sowing time (A)	1.04	0.87	0.49
	Genotype (B)	1.15	2.08	1.14
	B within A	1.63	2.94	1.61
	A within B	1.54	2.60	1.79
Date of Sowing:	Timely	11.11.2023	06.11.2023	
	Late	09.12.2023	01.12.2023	
Date of Harvesting:	Timely	09.04.2024	05.03.2024	
	Late	12.04.2024	18.03.2024	

Table 4.10. Central Zone		IR-TS-HL-DOS		Pooled	2023-24	
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
DWRB 223	32.32	2	28.98	3	30.65	2
PL 891 (C)	30.53	4	28.47	4	29.50	4
Karan 16 (C)	36.25	1	30.75	1	33.50	1
NDB 943 (C)	30.83	3	30.25	2	30.54	3
Mean	32.48		29.61		31.05	
	Sowing (A)	Genotype (B)		B within A	A within B	
CD (0.05)	0.49	1.14		1.61	1.79	
Earhead/sqm						
DWRB 223	328	2	300	3	314	2
PL 891 (C)	311	4	286	4	299	4
Karan 16 (C)	345	1	309	1	327	1
NDB 943 (C)	323	3	302	2	313	3
Mean	327		299		313	
	Sowing (A)	Genotype (B)		B within A	A within B	
CD (0.05)	NS	13.05		NS	27.22	
Grains/Earhead						
DWRB 223	27.42	2	27.47	3	27.44	2
PL 891 (C)	25.20	4	26.64	4	25.92	4
Karan 16 (C)	28.06	1	28.20	1	28.13	1
NDB 943 (C)	25.70	3	28.07	2	26.89	3
Mean	26.60		27.59		27.10	
	Sowing (A)	Genotype (B)		B within A	A within B	
CD (0.05)	N.S.	N.S.		N.S.	N.S.	
1000 Grains Weight, g						
DWRB 223	35.88	4	34.89	3	35.39	4
PL 891 (C)	37.88	1	36.43	1	37.16	1
Karan 16 (C)	36.50	2	34.40	4	35.45	3
NDB 943 (C)	36.43	3	35.22	2	35.82	2
Mean	36.67		35.23		35.95	
	Sowing (A)	Genotype (B)		B within A	A within B	
CD (0.05)	N.S.	1.15		N.S.	2.11	
Centres:	Gwalior, Udaipur					

Table 4.10.1. Central Zone		IR-TS-HL-DOS		Gwalior	2023-24	
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
Yield, q/ha						
DWRB 223	21.52	2	20.79	2	21.15	2
PL 891 (C)	17.45	4	16.81	3	17.13	4
Karan 16 (C)	22.97	1	16.56	4	19.77	3
NDB 943 (C)	21.18	3	21.54	1	21.36	1
Mean	20.78		18.93		19.85	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	0.25	1.04	4.38	
Genotype (B)		**	0.46	1.15	5.63	
B within A		**	0.64	1.63		
A within B			0.61	1.54		
Earhead/sqm						
DWRB 223	267	2	256	1	262	2
PL 891 (C)	239	4	215	4	227	4
Karan 16 (C)	272	1	254	2	263	1
NDB 943 (C)	264	3	246	3	255	3
Mean	261		243		252	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	1.98	8.18	2.73	
Genotype (B)		**	4.30	10.85	4.19	
B within A		N.S.	6.09	15.34		
A within B			5.63	14.19		
Grains/Earhead						
DWRB 223	21.04	3	21.9	2	21.5	2
PL 891 (C)	17.99	4	20.3	3	19.2	4
Karan 16 (C)	22.43	1	17.8	4	20.1	3
NDB 943 (C)	21.46	2	23.9	1	22.7	1
Mean	20.73		21.0		20.9	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.11	0.47	1.88	
Genotype (B)		**	0.59	1.50	6.98	
B within A		**	0.84	2.12		
A within B			0.74	1.86		
1000 Grains Weight, g						
DWRB 223	38.27	2	37.0	2	37.6	2
PL 891 (C)	40.63	1	38.7	1	39.6	1
Karan 16 (C)	37.73	3	36.7	4	37.2	3
NDB 943 (C)	37.40	4	36.7	3	37.1	4
Mean	38.51		37.3		37.9	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.33	1.38	3.05	
Genotype (B)		**	0.48	1.22	3.13	
B within A		N.S.	0.69	1.73		
A within B			0.68	1.72		
Date of Sowing	11.11.2023		09.12.2023			
Date of Harvesting	09.04.2024		12.04.2024			

Table 4.10.2. Central Zone		IR-TS-HL-DOS		Udaipur	2023-24
Genotype	Date of Sowing			Mean	Rk
	Timely	Rk	Late		
Yield, q/ha					
DWRB 223	43.12	3	37.16	4	3
PL 891 (C)	43.62	2	40.12	2	2
Karan 16 (C)	49.52	1	44.93	1	1
NDB 943 (C)	40.48	4	38.97	3	4
Mean	44.19		40.30		42.24
		F. Test	SEm	CD (0.05)	CV (%)
Sowing (A)		**	0.21	0.87	1.73
Genotype (B)		**	0.82	2.08	4.78
B within A		N.S.	1.17	2.94	
A within B			1.03	2.60	
Earhead/sqm					
DWRB 223	389	2	343	4	4
PL 891 (C)	384	3	357	3	2
Karan 16 (C)	418	1	365	1	1
NDB 943 (C)	382	4	359	2	2
Mean	393		356		375
		F. Test	SEm	CD (0.05)	CV (%)
Sowing (A)		N.S.	14.18	58.56	13.11
Genotype (B)		N.S.	9.87	24.89	6.46
B within A		N.S.	13.97	35.19	
A within B			18.64	46.97	
Grains/Earhead					
DWRB 223	33.80	1	33.0	2	2
PL 891 (C)	32.41	3	32.9	3	3
Karan 16 (C)	33.69	2	38.6	1	1
NDB 943 (C)	29.95	4	32.3	4	4
Mean	32.46		34.2		33.3
		F. Test	SEm	CD (0.05)	CV (%)
Sowing (A)		N.S.	0.81	3.34	8.39
Genotype (B)		*	1.11	2.81	8.19
B within A		N.S.	1.58	3.97	
A within B			1.59	4.00	
1000 Grains Weight, g					
DWRB 223	33.50	4	32.8	3	4
PL 891 (C)	35.13	3	34.2	1	1
Karan 16 (C)	35.27	2	32.1	4	3
NDB 943 (C)	35.45	1	33.7	2	2
Mean	34.84		33.2		34.0
		F. Test	SEm	CD (0.05)	CV (%)
Sowing (A)		N.S.	0.82	3.39	8.36
Genotype (B)		N.S.	0.82	2.06	5.87
B within A		N.S.	1.15	2.91	
A within B			1.29	3.26	
Date of Sowing	06.11.2023		01.12.2023		
Date of Harvesting	05.03.2024		18.03.2024		