

Table 4.3. Central Zone		RIR-TS-TAD		Centrewise		Yield, q/ha		2020-21
Irrigation	Genotype	Bilaspur	Gwalior	Indore	Jabalpur	Powarkheda	Vijapur	Zonal mean
Zero	HI8823(d)	23.05	28.26	32.57	23.53	18.45	15.18	23.51
	HI8627(d) (C)	22.88	29.11	26.87	22.76	18.25	16.37	22.71
	DDW47(d) (C)	26.99	27.52	28.77	24.17	22.74	15.93	24.35
	DBW110 (C)	22.05	22.43	31.97	22.03	22	19.8	23.38
	MP3288 (C)	20.49	28.6	31.93	19.99	24.27	21.3	24.43
	Mean	23.09	27.18	30.42	22.50	21.14	17.72	23.68
One	HI8823(d)	31.93	31.66	38	31.99	30.28	26.75	31.77
	HI8627(d) (C)	30.23	35.77	38.53	31.17	31.55	24.15	31.9
	DDW47(d) (C)	33.72	29.82	33.73	33.9	29.92	23.32	30.74
	DBW110 (C)	28.84	33.02	37.03	28.37	26.39	23.28	29.49
	MP3288 (C)	27.23	31.43	36.8	26.8	27.76	28.78	29.8
	Mean	30.39	32.34	36.82	30.44	29.18	25.25	30.74
Two	HI8823(d)	36.41	47.56	43.4	36.3	40.28	35.53	39.91
	HI8627(d) (C)	32.4	43.63	42.8	33.63	34.52	34.1	36.85
	DDW47(d) (C)	39.27	43.33	42.07	38.83	32.99	27.88	37.39
	DBW110 (C)	34.46	46.73	41.77	32.17	33.73	34.07	37.15
	MP3288 (C)	29.04	39.44	39.03	28.53	32.61	36.58	34.21
	Mean	34.32	44.14	41.81	33.89	34.83	33.63	37.10
Mean	HI8823(d)	30.46	35.82	37.99	30.61	29.67	25.82	31.73
	HI8627(d) (C)	28.5	36.17	36.07	29.19	28.11	24.87	30.48
	DDW47(d) (C)	33.33	33.56	34.86	32.3	28.55	22.38	30.83
	DBW110 (C)	28.45	34.06	36.92	27.52	27.37	25.72	30.01
	MP3288 (C)	25.58	33.15	35.92	25.11	28.21	28.88	29.48
	Mean	29.27	34.55	36.35	28.94	28.38	25.53	30.51
CD (0.05)	Irrigation (A)	1.42	1.78	2.31	1.27	3.21	4.08	0.64
	Genotype (B)	1.83	1.55	1.74	1.45	NS	3.92	0.82
	B within A	NS	2.68	3.01	NS	5.78	NS	1.42
	A within B	NS	2.74	3.19	NS	5.70	NS	1.42
Date of Sowing:	05.11.2020	24.11.2020	05.11.2020	08.11.2020	07.11.2020	25.11.2020		
Date of Harvesting:	19.03.2021	06.04.2021		22.03.2021	18.03.2021	06.04.2021		

Table 4.4. Central Zone		RIR-TS-TAD		Pooled		2020-21		
Genotypes	Irrigation level		Irrigation level		Two Irrigations	Rk	Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk				
Yield, q/ha								
HI8823(d)	23.51	3	31.77	2	39.91	1	31.73	1
HI8627(d) (C)	22.71	5	31.9	1	36.85	4	30.48	3
DDW47(d) (C)	24.35	2	30.74	3	37.39	2	30.83	2
DBW110 (C)	23.38	4	29.49	5	37.15	3	30.01	4
MP3288 (C)	24.43	1	29.8	4	34.21	5	29.48	5
Mean	23.68		30.74		37.10		30.51	
	Irrigation (A)		Genotypes (B)		B within A		A within B	
CD (0.05)	0.64		0.82		1.42		1.42	
Earhead/sqm								
HI8823(d)	248	1	284	2	325	1	286	1
HI8627(d) (C)	228	5	262	5	282	4	257	5
DDW47(d) (C)	240	2	267	3	299	3	269	3
DBW110 (C)	238	3	265	4	276	5	260	4
MP3288 (C)	228	4	290	1	305	2	274	2
Mean	236		273		298		269	
	Irrigation (A)		Genotypes (B)		B within A		A within B	
CD (0.05)	7.90		7.23		12.52		13.67	
Grains/earhead								
HI8823(d)	22.97	5	27.25	5	28.15	5	26.12	5
HI8627(d) (C)	24.85	4	32.07	1	31	3	29.31	4
DDW47(d) (C)	27.41	2	29.79	2	31.21	2	29.47	3
DBW110 (C)	26.61	3	28.85	3	36.55	1	30.67	1
MP3288 (C)	30.94	1	28.36	4	30.68	4	30	2
Mean	26.56		29.26		31.52		29.11	
	Irrigation (A)		Genotypes (B)		B within A		A within B	
CD (0.05)	0.78		1.13		1.96		1.92	
1000 grains weight, g								
HI8823(d)	43	1	42.7	1	44.73	1	43.48	1
HI8627(d) (C)	41.19	2	40.76	2	43.62	2	41.85	2
DDW47(d) (C)	37.99	4	40.42	3	41.18	3	39.86	3
DBW110 (C)	38.68	3	40.17	4	39.42	4	39.43	4
MP3288 (C)	35.69	5	37.97	5	38.48	5	37.38	5
Mean	39.31		40.40		41.49		40.40	
	Irrigation (A)		Genotypes (B)		B within A		A within B	
CD (0.05)	0.83		0.94		1.63		1.67	
Centres: Bilaspur, Gwalior, Indore, Jabalpur, Powarkheda, Vijapur								

Table 4.4.1. Central Zone RIR-TS-TAD Bilaspur 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk	Two Irrigations	Rk		
Yield, q/ha								
HI8627(d) (C)	22.88	3	30.23	3	32.40	4	28.50	3
DBW110 (C)	22.05	4	28.84	4	34.46	3	28.45	4
MP3288 (C)	20.49	5	27.23	5	29.04	5	25.58	5
HI8823(d)	23.05	2	31.93	2	36.41	2	30.46	2
DDW47(d) (C)	26.99	1	33.72	1	39.27	1	33.33	1
Mean	23.09		30.39		34.32		29.27	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.36		1.42		4.79	
Genotypes (B)	**		0.63		1.83		6.42	
B within A	N.S.		1.08		3.16			
A within B			1.03		3.02			
Earhead/sqm								
HI8627(d) (C)	234	3	277	3	301	3	271	3
DBW110 (C)	230	4	261	4	289	4	260	4
MP3288 (C)	219	5	250	5	266	5	245	5
HI8823(d)	255	2	288	2	316	2	286	2
DDW47(d) (C)	270	1	307	1	338	1	305	1
Mean	241		276		302		273	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.24		0.96		0.34	
Genotypes (B)	**		2.59		7.56		2.84	
B within A	N.S.		4.48		13.09			
A within B			4.02		11.73			
Grains/earhead								
HI8627(d) (C)	25.93	4	27.68	3	26.19	5	26.60	4
DBW110 (C)	25.97	3	28.55	2	29.68	1	28.07	2
MP3288 (C)	26.48	1	29.21	1	28.75	2	28.15	1
HI8823(d)	23.85	5	27.59	4	27.68	3	26.37	5
DDW47(d) (C)	26.25	2	26.64	5	27.20	4	26.70	3
Mean	25.70		27.94		27.90		27.18	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.46		1.80		6.54	
Genotypes (B)	N.S.		0.93		2.71		10.26	
B within A	N.S.		1.61		4.70			
A within B			1.51		4.41			
1000 grains weight, g								
HI8627(d) (C)	37.89	3	39.47	3	41.02	3	39.46	3
DBW110 (C)	37.13	4	38.76	4	40.30	4	38.73	4
MP3288 (C)	35.39	5	37.28	5	38.08	5	36.91	5
HI8823(d)	38.01	2	40.41	2	41.77	2	40.06	2
DDW47(d) (C)	38.36	1	41.29	1	42.90	1	40.85	1
Mean	37.36		39.44		40.81		39.20	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.40		1.57		3.94	
Genotypes (B)	**		0.69		2.00		5.24	
B within A	N.S.		1.19		3.46			
A within B			1.13		3.31			
Date of Sowing:	05.11.2020							
Date of Harvesting:	19.03.2021							

Table 4.4.2. Central Zone RIR-TS-TAD Gwalior 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk	Two Irrigations	Rk		
Yield, q/ha								
HI8627(d) (C)	29.11	1	35.77	1	43.63	3	36.17	1
DBW110 (C)	22.43	5	33.02	2	46.73	2	34.06	3
MP3288 (C)	28.60	2	31.43	4	39.44	5	33.15	5
HI8823(d)	28.26	3	31.66	3	47.56	1	35.82	2
DDW47(d) (C)	27.52	4	29.82	5	43.33	4	33.56	4
Mean	27.18		32.34		44.14		34.55	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.45		1.78		5.09	
Genotypes (B)	**		0.53		1.55		4.60	
B within A	**		0.92		2.68			
A within B			0.94		2.74			
Earhead/sqm								
HI8627(d) (C)	262	1	308	1	338	3	303	1
DBW110 (C)	221	5	292	2	347	2	287	3
MP3288 (C)	241	2	278	4	301	5	273	5
HI8823(d)	231	3	281	3	348	1	287	2
DDW47(d) (C)	226	4	276	5	334	4	279	4
Mean	236		287		334		285	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		3.34		13.09		4.52	
Genotypes (B)	**		3.60		10.51		3.78	
B within A	**		6.23		18.20			
A within B			6.50		18.97			
Grains/earhead								
HI8627(d) (C)	30.01	4	47.22	1	38.63	3	38.62	2
DBW110 (C)	29.51	5	35.99	4	47.74	1	37.75	3
MP3288 (C)	40.45	1	39.01	2	46.58	2	42.01	1
HI8823(d)	31.01	3	34.64	5	38.15	4	34.60	5
DDW47(d) (C)	34.39	2	36.09	3	37.45	5	35.97	4
Mean	33.07		38.59		41.71		37.79	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.34		1.33		3.46	
Genotypes (B)	**		0.51		1.50		4.07	
B within A	**		0.89		2.59			
A within B			0.86		2.52			
1000 grains weight, g								
HI8627(d) (C)	37.06	2	24.62	5	33.43	3	31.70	3
DBW110 (C)	34.42	4	31.42	2	28.22	4	31.35	4
MP3288 (C)	29.45	5	28.97	4	28.18	5	28.86	5
HI8823(d)	39.52	1	32.47	1	35.82	1	35.94	1
DDW47(d) (C)	35.39	3	29.92	3	34.68	2	33.33	2
Mean	35.17		29.48		32.06		32.24	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.20		0.79		2.43	
Genotypes (B)	**		0.34		1.01		3.21	
B within A	**		0.60		1.74			
A within B			0.57		1.67			
Date of Sowing:	24.11.2020							
Date of Harvesting:	06.04.2021							

Table 4.4.3. Central Zone RIR-TS-TAD Indore 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk	Two Irrigations	Rk		
Yield, q/ha								
HI8627(d) (C)	26.87	5	38.53	1	42.80	2	36.07	3
DBW110 (C)	31.97	2	37.03	3	41.77	4	36.92	2
MP3288 (C)	31.93	3	36.80	4	39.03	5	35.92	4
HI8823(d)	32.57	1	38.00	2	43.40	1	37.99	1
DDW47(d) (C)	28.77	4	33.73	5	42.07	3	34.86	5
Mean	30.42		36.82		41.81		36.35	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.59		2.31		6.28	
Genotypes (B)	*		0.59		1.74		4.91	
B within A	**		1.03		3.01			
A within B			1.09		3.19			
Earhead/sqm								
HI8627(d) (C)	197	5	212	5	221	5	210	5
DBW110 (C)	218	4	232	3	225	4	225	4
MP3288 (C)	219	3	307	1	311	2	279	2
HI8823(d)	225	1	304	2	313	1	281	1
DDW47(d) (C)	224	2	229	4	250	3	234	3
Mean	216		256		264		245	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		4.94		19.40		7.79	
Genotypes (B)	**		4.93		14.38		6.02	
B within A	**		8.54		24.91			
A within B			9.09		26.54			
Grains/earhead								
HI8627(d) (C)	28.51	5	38.90	1	34.63	3	34.01	3
DBW110 (C)	32.39	2	36.70	3	36.76	2	35.28	2
MP3288 (C)	36.33	1	31.38	4	28.53	4	32.08	4
HI8823(d)	30.74	4	29.26	5	26.14	5	28.71	5
DDW47(d) (C)	31.96	3	37.69	2	37.85	1	35.83	1
Mean	31.98		34.78		32.78		33.18	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.38		1.50		4.45	
Genotypes (B)	**		0.80		2.34		7.26	
B within A	**		1.39		4.06			
A within B			1.30		3.80			
1000 grains weight, g								
HI8627(d) (C)	47.87	1	46.87	1	56.23	1	50.32	1
DBW110 (C)	45.40	3	43.50	2	50.47	3	46.46	3
MP3288 (C)	40.23	5	38.23	5	44.03	5	40.83	5
HI8823(d)	47.30	2	42.87	3	53.13	2	47.77	2
DDW47(d) (C)	40.50	4	39.17	4	44.50	4	41.39	4
Mean	44.26		42.13		49.67		45.35	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.19		0.76		1.64	
Genotypes (B)	**		0.26		0.77		1.75	
B within A	**		0.46		1.34			
A within B			0.45		1.32			
Date of Sowing:	05.11.2020							
Date of Harvesting:	**							

Table 4.4.4. Central Zone RIR-TS-TAD Jabalpur 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk	Two Irrigations	Rk		
Yield, q/ha								
HI8627(d) (C)	22.76	3	31.17	3	33.63	3	29.19	3
DBW110 (C)	22.03	4	28.37	4	32.17	4	27.52	4
MP3288 (C)	19.99	5	26.80	5	28.53	5	25.11	5
HI8823(d)	23.53	2	31.99	2	36.30	2	30.61	2
DDW47(d) (C)	24.17	1	33.90	1	38.83	1	32.30	1
Mean	22.50		30.44		33.89		28.94	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.32		1.27		4.34	
Genotypes (B)	**		0.50		1.45		5.14	
B within A	N.S.		0.86		2.51			
A within B			0.83		2.43			
Earhead/sqm								
HI8627(d) (C)	251	3	279	2	321	3	284	3
DBW110 (C)	247	4	271	3	288	4	268	4
MP3288 (C)	193	5	250	5	270	5	238	5
HI8823(d)	280	2	269	4	344	2	298	2
DDW47(d) (C)	295	1	338	1	366	1	333	1
Mean	253		281		318		284	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		1.21		4.74		1.65	
Genotypes (B)	**		2.31		6.74		2.44	
B within A	**		4.00		11.67			
A within B			3.77		11.02			
Grains/earhead								
HI8627(d) (C)	23.83	3	27.01	3	25.21	4	25.35	4
DBW110 (C)	23.97	2	25.66	4	27.37	1	25.67	2
MP3288 (C)	31.07	1	28.15	2	27.07	2	28.76	1
HI8823(d)	21.14	5	29.44	1	25.75	3	25.45	3
DDW47(d) (C)	21.18	4	23.95	5	24.78	5	23.30	5
Mean	24.24		26.84		26.04		25.71	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.58		2.26		8.69	
Genotypes (B)	**		0.58		1.69		6.78	
B within A	**		1.01		2.94			
A within B			1.07		3.12			
1000 grains weight, g								
HI8627(d) (C)	38.03	3	41.43	2	41.63	2	40.37	3
DBW110 (C)	37.40	4	40.93	3	40.93	4	39.76	4
MP3288 (C)	33.43	5	38.07	5	39.10	5	36.87	5
HI8823(d)	39.73	1	40.47	4	41.20	3	40.47	2
DDW47(d) (C)	38.70	2	41.97	1	42.87	1	41.18	1
Mean	37.46		40.57		41.15		39.73	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.35		1.39		3.46	
Genotypes (B)	**		0.55		1.60		4.14	
B within A	N.S.		0.95		2.77			
A within B			0.92		2.69			
Date of Sowing:	08.11.2020							
Date of Harvesting:	22.03.2021							

Table 4.4.5. Central Zone RIR-TS-TAD Powarkheda 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation Rk		One Irrigation Rk		Two Irrigations Rk			
Yield, q/ha								
HI8627(d) (C)	18.25	5	31.55	1	34.52	2	28.11	4
DBW110 (C)	22.00	3	26.39	5	33.73	3	27.37	5
MP3288 (C)	24.27	1	27.76	4	32.61	5	28.21	3
HI8823(d)	18.45	4	30.28	2	40.28	1	29.67	1
DDW47(d) (C)	22.74	2	29.92	3	32.99	4	28.55	2
Mean	21.14		29.18		34.83		28.38	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.82		3.21		11.17	
Genotypes (B)	N.S.		1.14		3.34		12.08	
B within A	*		1.98		5.78			
A within B			1.95		5.70			
Earhead/sqm								
HI8627(d) (C)	277	4	307	4	297	5	293	4
DBW110 (C)	343	1	338	3	317	3	333	3
MP3288 (C)	300	3	382	1	400	1	361	1
HI8823(d)	325	2	360	2	343	2	343	2
DDW47(d) (C)	237	5	253	5	303	4	264	5
Mean	296		328		332		318	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		17.31		67.95		21.03	
Genotypes (B)	**		15.33		44.74		14.42	
B within A	N.S.		26.55		77.49			
A within B			29.38		85.77			
Grains/earhead								
HI8627(d) (C)	19.06	3	24.54	2	26.73	1	23.44	2
DBW110 (C)	18.30	4	18.52	5	25.59	4	20.80	4
MP3288 (C)	26.68	2	19.16	3	19.64	5	21.83	3
HI8823(d)	14.42	5	18.94	4	25.97	2	19.77	5
DDW47(d) (C)	30.23	1	32.43	1	25.87	3	29.51	1
Mean	21.74		22.72		24.76		23.07	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		1.04		4.08		17.43	
Genotypes (B)	**		1.02		2.99		13.30	
B within A	**		1.77		5.17			
A within B			1.89		5.53			
1000 grains weight, g								
HI8627(d) (C)	34.67	3	43.33	2	43.67	2	40.56	2
DBW110 (C)	35.67	2	42.83	3	41.67	4	40.06	3
MP3288 (C)	31.83	4	38.83	4	41.50	5	37.39	4
HI8823(d)	40.00	1	44.33	1	45.83	1	43.39	1
DDW47(d) (C)	31.50	5	36.67	5	42.33	3	36.83	5
Mean	34.73		41.20		43.00		39.64	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.54		2.11		5.25	
Genotypes (B)	**		1.10		3.21		8.32	
B within A	N.S.		1.90		5.56			
A within B			1.79		5.21			
Date of Sowing:	07.11.2020							
Date of Harvesting:	18.03.2021							

Table 4.4.6. Central Zone RIR-TS-TAD Udaipur 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk	Two Irrigations	Rk		
Yield, q/ha								
HI8627(d) (C)	16.12	4	20.37	4	25.64	5	20.71	5
DBW110 (C)	21.11	2	21.45	3	30.63	2	24.40	2
MP3288 (C)	21.66	1	22.67	2	30.13	3	24.67	3
HI8823(d)	15.67	5	23.26	1	28.49	4	22.47	4
DDW47(d) (C)	18.36	3	19.19	5	31.52	1	23.02	3
Mean	18.60		21.27		29.28		23.05	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.35		1.38		5.91	
Genotypes (B)	**		0.66		1.92		8.57	
B within A	*		1.14		3.33			
A within B			1.08		3.15			
Earhead/sqm								
HI8627(d) (C)	251	2	229	3	222	5	234	3
DBW110 (C)	213	3	209	5	265	3	229	5
MP3288 (C)	254	1	265	1	267	2	262	1
HI8823(d)	199	4	247	2	253	4	233	4
DDW47(d) (C)	190	5	224	4	299	1	238	2
Mean	221		234		261		239	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		3.03		11.88		4.90	
Genotypes (B)	**		5.97		17.43		7.49	
B within A	**		10.34		30.18			
A within B			9.73		28.41			
Grains/earhead								
HI8627(d) (C)	18.63	5	22.24	5	33.47	1	24.78	5
DBW110 (C)	30.04	1	30.54	1	27.25	5	29.28	1
MP3288 (C)	29.86	2	23.88	3	30.80	2	28.18	2
HI8823(d)	22.43	4	28.34	2	30.13	3	26.97	3
DDW47(d) (C)	26.70	3	23.09	4	27.33	4	25.71	4
Mean	25.53		25.62		29.80		26.98	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.59		2.34		8.54	
Genotypes (B)	*		0.94		2.75		10.46	
B within A	**		1.63		4.76			
A within B			1.57		4.59			
1000 grains weight, g								
HI8627(d) (C)	34.42	3	39.93	1	35.55	5	36.63	2
DBW110 (C)	33.08	4	33.69	4	42.33	1	36.37	3
MP3288 (C)	28.60	5	34.80	3	36.55	4	33.32	5
HI8823(d)	35.12	2	33.37	5	37.64	3	35.38	4
DDW47(d) (C)	36.16	1	37.27	2	38.52	2	37.31	1
Mean	33.48		35.81		38.12		35.80	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.11		0.44		1.22	
Genotypes (B)	**		0.07		0.22		0.63	
B within A	**		0.13		0.38			
A within B			0.16		0.47			
Date of Sowing:	17.11.2020							
Date of Harvesting:	**							

Table 4.4.7. Central Zone RIR-TS-TAD Vijapur 2020-21

Genotypes	Irrigation Levels						Mean	Rk
	No Irrigation	Rk	One Irrigation	Rk	Two Irrigations	Rk		
Yield, q/ha								
HI8627(d) (C)	16.37	3	24.15	3	34.10	3	24.87	4
DBW110 (C)	19.80	2	23.28	5	34.07	4	25.72	3
MP3288 (C)	21.30	1	28.78	1	36.58	1	28.88	1
HI8823(d)	15.18	5	26.75	2	35.53	2	25.82	2
DDW47(d) (C)	15.93	4	23.32	4	27.88	5	22.38	5
Mean	17.72		25.25		33.63		25.53	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		1.04		4.08		15.76	
Genotypes (B)	*		1.34		3.92		15.78	
B within A	N.S.		2.33		6.79			
A within B			2.33		6.79			
Earhead/sqm								
HI8627(d) (C)	149	5	187	5	214	3	183	5
DBW110 (C)	170	3	193	4	194	5	186	4
MP3288 (C)	198	1	270	1	283	2	250	1
HI8823(d)	169	4	204	2	288	1	220	2
DDW47(d) (C)	188	2	200	3	205	4	198	3
Mean	175		211		237		207	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		6.90		27.10		12.89	
Genotypes (B)	**		7.61		22.21		11.00	
B within A	*		13.18		38.46			
A within B			13.66		39.87			
Grains/earhead								
HI8627(d) (C)	21.79	3	27.07	2	34.60	2	27.82	2
DBW110 (C)	29.49	1	27.70	1	52.13	1	36.44	1
MP3288 (C)	24.63	2	23.28	4	33.52	4	27.14	3
HI8823(d)	16.67	5	23.65	3	25.19	5	21.84	5
DDW47(d) (C)	20.44	4	21.92	5	34.13	3	25.50	4
Mean	22.61		24.72		35.91		27.75	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		1.35		5.29		18.80	
Genotypes (B)	**		2.29		6.70		24.81	
B within A	N.S.		3.97		11.60			
A within B			3.80		11.10			
1000 grains weight, g								
HI8627(d) (C)	51.60	2	48.84	3	45.73	2	48.72	2
DBW110 (C)	42.08	5	43.57	5	34.96	5	40.20	5
MP3288 (C)	43.80	3	46.46	4	39.99	3	43.42	4
HI8823(d)	53.46	1	55.64	1	50.63	1	53.24	1
DDW47(d) (C)	43.47	4	53.49	2	39.81	4	45.59	3
Mean	46.88		49.60		42.22		46.23	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		1.88		7.39		15.76	
Genotypes (B)	**		1.90		5.56		12.35	
B within A	N.S.		3.30		9.63			
A within B			3.50		10.21			
Date of Sowing:	25.11.2020							
Date of Harvesting:	06.04.2021							