

Table 4.5. Central Zone		RIR-TS-TAD	Centrewise	Yield, q/ha		2021-22
Irrigation	Genotypes	Bilaspur	Indore	Jabalpur	Powarkheda	Zonal mean
Zero	MP3288 (C)	29.44	32.63	31.30	25.32	29.67
	HI1655	28.57	37.23	29.62	24.45	29.97
	DDW47(d)	27.76	38.93	28.41	23.63	29.68
	HI8823(l)	25.59	33.10	26.93	21.46	26.77
	CG1036	35.30	37.50	34.58	29.92	34.33
	DBW110 (C)	34.04	39.23	35.21	31.18	34.92
	HI8830(d)	30.89	41.87	30.70	26.77	32.56
	DDW55(d)	28.98	39.33	29.03	22.00	29.84
	HI8627(d)	26.12	39.80	27.19	24.86	29.49
	Mean	29.63	37.74	30.33	25.51	30.80
One	MP3288 (C)	35.75	37.43	36.66	31.63	35.37
	HI1655	33.58	41.70	35.00	29.46	34.93
	DDW47(d)	32.74	41.63	32.70	28.62	33.92
	HI8823(l)	30.25	43.73	29.77	26.13	32.47
	CG1036	40.66	42.40	41.04	35.11	39.80
	DBW110 (C)	39.24	38.30	40.66	36.54	38.68
	HI8830(d)	37.37	52.07	38.29	33.25	40.24
	DDW55(d)	34.49	43.43	35.92	27.45	35.32
	HI8627(d)	31.58	40.03	32.09	30.37	33.52
	Mean	35.07	42.30	35.79	30.95	36.03
Two	MP3288 (C)	37.28	43.17	37.66	33.15	37.82
	HI1655	34.86	54.07	37.32	30.73	39.25
	DDW47(d)	34.31	45.30	33.77	30.19	35.89
	HI8823(l)	31.89	50.37	31.53	27.77	35.39
	CG1036	42.10	43.43	41.17	36.78	40.87
	DBW110 (C)	40.91	45.80	42.13	37.98	41.70
	HI8830(d)	38.37	54.43	39.08	34.25	41.53
	DDW55(d)	36.51	49.93	37.65	29.22	38.33
	HI8627(d)	33.34	48.33	38.36	32.39	38.11
	Mean	36.62	48.31	37.63	32.50	38.77
Mean	MP3288 (C)	34.16	37.74	35.21	30.03	34.29
	HI1655	32.34	44.33	33.98	28.21	34.72
	DDW47(d)	31.60	41.96	31.63	27.48	33.17
	HI8823(l)	29.24	42.40	29.41	25.12	31.54
	CG1036	39.35	41.11	38.93	33.94	38.33
	DBW110 (C)	38.06	41.11	39.34	35.23	38.43
	HI8830(d)	35.54	49.46	36.02	31.42	38.11
	DDW55(d)	33.33	44.23	34.20	26.22	34.50
	HI8627(d)	30.35	42.72	32.55	29.21	33.71
	Mean	33.78	42.79	34.58	29.65	35.20
CD (0.05)	Irrigation (A)	2.89	1.54	1.96	2.89	0.98
	Genotype (B)	2.29	1.72	2.56	2.29	1.10
	B within A	3.96	2.98	4.43	3.96	NS
	A within B	4.37	3.06	4.45	4.37	NS
Date of Sowing :	30.10.2021	31.10.2021	06.11.2021	07.11.2021		
Date of Harvesting :	10.03.2022	22.03.2022	20.03.2022	15.03.2022		

Table 4.6. Central Zone		RIR-TS-TAD					Pooled 2021-22	
Genotype	Irrigation level						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
MP3288 (C)	29.67	7	35.37	4	37.82	7	34.29	6
HI1655	29.97	4	34.93	6	39.25	4	34.72	4
DDW47(d)	29.68	6	33.92	7	35.89	8	33.17	8
HI8823(l)	26.77	9	32.47	9	35.39	9	31.54	9
CG1036	34.33	2	39.80	2	40.87	3	38.33	2
DBW110 (C)	34.92	1	38.68	3	41.70	1	38.43	1
HI8830(d)	32.56	3	40.24	1	41.53	2	38.11	3
DDW55(d)	29.84	5	35.32	5	38.33	5	34.50	5
HI8627(d)	29.49	8	33.52	8	38.11	6	33.71	7
Mean	30.80		36.03		38.77		35.20	
	Irrigation (A)	Genotypes (B)		B within A		A within B		
CD (0.05)	0.98	1.1		NS		NS		
Earhead/sq.m.								
MP3288 (C)	266	4	284	4	294	5	282	4
HI1655	264	5	280	6	298	4	281	5
DDW47(d)	255	8	277	7	278	9	270	8
HI8823(l)	255	9	273	8	280	8	269	9
CG1036	290	1	314	1	319	1	307	1
DBW110 (C)	280	2	286	3	300	3	289	2
HI8830(d)	268	3	288	2	308	2	288	3
DDW55(d)	258	7	283	5	293	6	278	6
HI8627(d)	260	6	272	9	286	7	273	7
Mean	266		284		295		282	
	Irrigation (A)	Genotypes (B)		B within A		A within B		
CD (0.05)	6.14	6.3		NS		NS		
Grains /earhead								
MP3288 (C)	28.6	5	30.9	4	31.3	4	30.3	5
HI1655	28.5	7	30.5	5	31.7	3	30.2	6
DDW47(d)	30.4	1	29.6	7	31.2	5	30.4	4
HI8823(l)	27.7	9	30.1	6	30.5	8	29.4	7
CG1036	28.5	6	29.2	8	28.8	9	28.9	9
DBW110 (C)	30.0	2	33.4	1	33.4	2	32.3	1
HI8830(d)	28.7	4	32.5	2	30.9	6	30.7	3
DDW55(d)	28.2	8	29.0	9	30.7	7	29.3	8
HI8627(d)	29.2	3	31.1	3	33.4	1	31.2	2
Mean	28.9		30.7		31.3		30.3	
	Irrigation (A)	Genotypes (B)		B within A		A within B		
CD (0.05)	1.13	1.03		NS		NS		
1000 Grains Weight, g								
MP3288 (C)	41.19	8	41.78	8	42.70	8	41.89	8
HI1655	42.31	5	42.52	5	42.76	7	42.53	5
DDW47(d)	40.90	9	42.82	4	43.07	5	42.26	6
HI8823(l)	41.37	7	41.58	9	43.18	4	42.04	7
CG1036	43.22	4	44.57	2	45.76	1	44.52	2
DBW110 (C)	43.74	3	42.06	6	42.98	6	42.92	4
HI8830(d)	44.35	1	44.39	3	44.95	2	44.56	1
DDW55(d)	43.79	2	44.91	1	44.60	3	44.43	3
HI8627(d)	41.62	6	42.03	7	41.51	9	41.72	9
Mean	42.50		42.96		43.50		42.99	
	Irrigation (A)	Genotypes (B)		B within A		A within B		
CD (0.05)	0.55	0.76		NS		NS		

Centres: Bilaspur, Indore, Jabalpur, Powarkheda

Table 4.6.1. Central Zone		RIR-TS-TAD					Bilaspur	2021-22
Genotype	Irrigation level						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
MP3288 (C)	29.44	4	35.75	4	37.28	4	34.16	4
HI1655	28.57	6	33.58	6	34.86	6	32.34	6
DDW47(d)	27.76	7	32.74	7	34.31	7	31.60	7
HI8823(l)	25.59	9	30.25	9	31.89	9	29.24	9
CG1036	35.30	1	40.66	1	42.10	1	39.35	1
DBW110 (C)	34.04	2	39.24	2	40.91	2	38.06	2
HI8830(d)	30.89	3	37.37	3	38.37	3	35.54	3
DDW55(d)	28.98	5	34.49	5	36.51	5	33.33	5
HI8627(d)	26.12	8	31.58	8	33.34	8	30.35	8
Mean	29.63		35.07		36.62		33.78	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.96		2.89		14.76	
Genotype (B)	**		0.96		2.29		8.57	
B within A	N.S.		1.67		3.96			
A within B			1.84		4.37			
Earhead/sq.m.								
MP3288 (C)	310	4	325	4	337	5	324	4
HI1655	308	6	323	6	333	6	321	6
DDW47(d)	305	7	321	7	327	7	317	7
HI8823(l)	302	9	316	9	325	9	314	9
CG1036	333	1	336	1	345	1	338	1
DBW110 (C)	327	2	331	2	342	2	333	2
HI8830(d)	312	3	327	3	339	4	326	3
DDW55(d)	308	5	324	5	339	3	324	5
HI8627(d)	303	8	319	8	326	8	316	8
Mean	312		324		335		324	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		5.97		18.00		9.58	
Genotype (B)	*		5.24		12.43		4.86	
B within A	N.S.		9.08		21.53			
A within B			10.44		24.75			
Grains/earhead								
MP3288 (C)	24.0	4	26.9	4	26.6	5	25.8	4
HI1655	23.8	6	25.8	6	26.0	7	25.2	6
DDW47(d)	23.2	8	25.6	7	26.0	8	24.9	8
HI8823(l)	23.2	9	24.8	9	25.0	9	24.3	9
CG1036	25.6	2	28.9	1	28.9	1	27.8	1
DBW110 (C)	25.7	1	28.2	2	28.5	2	27.5	2
HI8830(d)	24.7	3	27.6	3	27.2	3	26.5	3
DDW55(d)	23.9	5	26.3	5	26.6	4	25.6	5
HI8627(d)	23.5	7	25.3	8	26.1	6	25.0	7
Mean	24.2		26.6		26.8		25.8	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		1.26		3.80		25.36	
Genotype (B)	N.S.		0.85		2.01		9.86	
B within A	N.S.		1.47		3.49			
A within B			1.88		4.45			
1000 grain wt, g								
MP3288 (C)	39.57	4	41.10	5	41.99	4	40.89	4
HI1655	39.33	6	40.42	6	40.46	6	40.07	6
DDW47(d)	39.10	7	39.92	7	40.43	7	39.82	7
HI8823(l)	36.90	8	38.68	9	39.42	8	38.33	9
CG1036	41.43	1	42.37	1	42.35	2	42.05	1
DBW110 (C)	41.07	2	42.15	2	42.42	1	41.88	2
HI8830(d)	40.11	3	41.67	3	42.06	3	41.28	3
DDW55(d)	39.50	5	41.24	4	40.64	5	40.46	5
HI8627(d)	36.88	9	39.33	8	39.22	9	38.48	8
Mean	39.32		40.76		41.00		40.36	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.55		1.66		7.09	
Genotype (B)	**		0.70		1.66		5.20	
B within A	N.S.		1.21		2.88			
A within B			1.27		3.01			
Date of Sowing:	30.10.2021							
Date of Harvesting:	10.03.2022							

Table 4.6.2. Central Zone

Genotype	RIR-TS-TAD						Mean	Rk
	Irrigations		Durgapura		2021-22			
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
MP3288 (C)	27.34	2	22.65	7	33.66	2	27.88	2
HI1655	18.25	6	26.55	4	29.70	4	24.84	6
DDW47(d)	16.69	7	31.53	1	27.07	6	25.10	4
HI8823(l)	29.42	1	22.68	6	33.84	7	28.65	1
CG1036	15.36	9	26.87	3	30.46	3	24.23	7
DBW110 (C)	22.91	4	26.01	5	26.03	8	24.98	5
HI8830(d)	16.14	8	22.15	8	26.58	7	21.63	9
DDW55(d)	25.02	3	19.53	9	22.41	9	22.32	8
HI8627(d)	20.05	5	31.11	2	27.47	5	26.21	3
Mean	21.24		25.45		28.58		25.09	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.73		2.21		15.16	
Genotype (B)	**		1.22		2.90		14.63	
B within A			2.12		5.03			
A within B			2.13		5.05			
Earhead/sq.m.								
MP3288 (C)	276	1	231	7	308	2	272	2
HI1655	200	6	269	3	290	3	253	4
DDW47(d)	193	7	301	1	264	6	253	5
HI8823(l)	276	1	236	6	310	1	274	1
CG1036	170	9	259	5	277	4	235	7
DBW110 (C)	235	4	262	4	257	7	252	6
HI8830(d)	183	8	229	8	255	8	222	9
DDW55(d)	257	3	213	9	233	9	234	8
HI8627(d)	218	5	291	2	277	5	262	3
Mean	223		255		275		251	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		5.88		17.72		12.17	
Genotype (B)	**		8.01		19.00		9.58	
B within A	**		13.88		32.91			
A within B			14.34		34.01			
Grains /earhead								
MP3288 (C)	27.9	2	23.8	8	26.6	2	26.1	3
HI1655	25.3	5	25.0	5	25.4	6	25.2	5
DDW47(d)	22.7	9	27.5	1	25.6	4	25.3	4
HI8823(l)	30.5	1	24.0	7	26.9	1	27.1	1
CG1036	25.5	4	26.5	3	26.4	3	26.1	2
DBW110 (C)	25.0	7	24.9	6	24.1	8	24.7	8
HI8830(d)	23.2	8	25.0	4	25.4	5	24.5	9
DDW55(d)	26.8	3	23.2	9	24.9	7	25.0	7
HI8627(d)	25.2	6	27.2	2	23.3	9	25.2	6
Mean	25.8		25.3		25.4		25.5	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.35		1.04		7.06	
Genotype (B)	N.S.		0.76		1.80		8.92	
B within A	*		1.31		3.11			
A within B			1.28		3.05			
1000 grain wt, g								
MP3288 (C)	35.53	7	41.03	1	41.27	4	39.28	3
HI1655	35.97	6	39.47	5	40.40	7	38.61	7
DDW47(d)	38.23	2	38.10	9	39.83	8	38.72	5
HI8823(l)	34.90	9	39.87	3	40.57	6	38.44	8
CG1036	35.47	8	39.23	7	41.37	3	38.69	6
DBW110 (C)	38.90	1	40.03	2	41.83	2	40.26	1
HI8830(d)	37.97	3	38.70	8	40.93	5	39.20	4
DDW55(d)	36.23	5	39.47	6	38.40	9	38.03	9
HI8627(d)	36.87	4	39.53	4	42.60	1	39.67	2
Mean	36.67		39.49		40.80		38.99	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.45		1.37		6.06	
Genotype (B)	N.S.		0.72		1.70		5.52	
B within A	N.S.		1.24		2.95			
A within B			1.26		2.98			
Date of Sowing:	20.11.2021							
Date of Harvesting:	24.03.2022							

Table 4.6.3. Central Zone		RIR-TS-TAD					Indore	2021-22
Genotype	Irrigations						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
MP3288 (C)	32.63	9	37.43	9	43.17	9	37.74	9
HI1655	37.23	7	41.70	5	54.07	2	44.33	2
DDW47(d)	38.93	5	41.63	6	45.30	7	41.96	6
HI8823(l)	33.10	8	43.73	2	50.37	3	42.40	5
CG1036	37.50	6	42.40	4	43.43	8	41.11	7
DBW110 (C)	39.23	4	38.30	8	45.80	6	41.11	7
HI8830(d)	41.87	1	52.07	1	54.43	1	49.46	1
DDW55(d)	39.33	3	43.43	3	49.93	4	44.23	3
HI8627(d)	39.80	2	40.03	7	48.33	5	42.72	4
Mean	37.74		42.30		48.31		42.79	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.51		1.54		6.20	
Genotype (B)	**		0.73		1.72		5.10	
B within A	**		1.26		2.98			
A within B			1.29		3.06			
Earhead/sq.m.								
MP3288 (C)	250	5	258	6	271	5	259	5
HI1655	254	4	256	7	296	3	269	3
DDW47(d)	218	9	264	4	248	9	243	9
HI8823(l)	240	7	273	2	273	4	262	4
CG1036	290	1	337	1	333	1	320	1
DBW110 (C)	248	6	231	9	256	7	245	8
HI8830(d)	256	3	259	5	311	2	275	2
DDW55(d)	236	8	265	3	261	6	254	6
HI8627(d)	260	2	245	8	253	8	253	7
Mean	250		265		278		264	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		2.37		7.16		4.66	
Genotype (B)	**		5.32		12.62		6.04	
B within A	**		9.22		21.86			
A within B			9.01		21.36			
Grains /earhead								
MP3288 (C)	29.3	6	34.5	4	36.5	5	33.4	6
HI1655	29.7	5	35.2	3	36.8	4	33.9	4
DDW47(d)	37.2	1	32.9	7	38.2	3	36.1	2
HI8823(l)	25.6	9	33.1	6	35.5	6	31.4	7
CG1036	26.2	8	24.9	9	25.3	9	25.5	9
DBW110 (C)	31.6	2	38.0	2	39.5	2	36.4	1
HI8830(d)	30.1	4	38.4	1	32.3	8	33.6	5
DDW55(d)	28.3	7	29.2	8	32.8	7	30.1	8
HI8627(d)	30.3	3	34.3	5	40.3	1	35.0	3
Mean	29.8		33.4		35.3		32.8	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.47		1.43		7.51	
Genotype (B)	**		0.88		2.08		8.03	
B within A	**		1.52		3.61			
A within B			1.51		3.58			
1000 grain wt, g								
MP3288 (C)	44.73	9	42.27	9	43.77	9	43.59	9
HI1655	49.37	6	46.37	7	49.80	5	48.51	6
DDW47(d)	48.23	8	47.93	5	47.90	6	48.02	7
HI8823(l)	53.97	3	48.47	4	52.00	3	51.48	3
CG1036	49.37	6	50.50	3	51.93	4	50.60	4
DBW110 (C)	50.60	5	43.63	8	45.37	8	46.53	8
HI8830(d)	54.33	2	52.37	2	54.37	2	53.69	2
DDW55(d)	58.97	1	56.20	1	58.50	1	57.89	1
HI8627(d)	51.07	4	47.73	6	47.53	7	48.78	5
Mean	51.18		48.39		50.13		49.90	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.20		0.60		2.09	
Genotype (B)	**		0.27		0.64		1.64	
B within A	**		0.47		1.12			
A within B			0.49		1.16			
Date of Sowing:	31.10.2021							
Date of Harvesting:	22.03.2022							

Table 4.6.4. Central Zone

Genotype	RIR-TS-TAD						Mean	Rk
	Irrigations							
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
MP3288 (C)	31.30	3	36.66	4	37.66	5	35.21	4
HI1655	29.62	5	35.00	6	37.32	7	33.98	6
DDW47(d)	28.41	7	32.70	7	33.77	8	31.63	8
HI8823(l)	26.93	9	29.77	9	31.53	9	29.41	9
CG1036	34.58	2	41.04	1	41.17	2	38.93	2
DBW110 (C)	35.21	1	40.66	2	42.13	1	39.34	1
HI8830(d)	30.70	4	38.29	3	39.08	3	36.02	3
DDW55(d)	29.03	6	35.92	5	37.65	6	34.20	5
HI8627(d)	27.19	8	32.09	8	38.36	4	32.55	7
Mean	30.33		35.79		37.63		34.58	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.65		1.96		9.75	
Genotype (B)	**		1.08		2.56		9.35	
B within A	N.S.		1.87		4.43			
A within B			1.88		4.45			
Earhead/sq.m.								
MP3288 (C)	191	3	224	4	230	5	215	4
HI1655	181	6	213	6	228	7	207	6
DDW47(d)	188	4	199	7	206	8	198	8
HI8823(l)	171	8	182	9	192	9	182	9
CG1036	211	2	250	1	251	2	237	2
DBW110 (C)	215	1	248	2	257	1	240	1
HI8830(d)	187	5	234	3	238	3	220	3
DDW55(d)	180	7	219	5	230	6	210	5
HI8627(d)	166	9	196	8	234	4	199	7
Mean	188		218		230		212	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		4.63		13.95		11.34	
Genotype (B)	**		6.14		14.55		8.69	
B within A	N.S.		10.63		25.21			
A within B			11.04		26.18			
Grains /earhead								
MP3288 (C)	41.3	5	39.5	5	39.2	7	40.0	7
HI1655	41.0	6	39.4	7	42.0	3	40.8	5
DDW47(d)	42.3	3	38.7	8	38.8	8	39.9	8
HI8823(l)	43.2	2	41.9	3	40.3	6	41.8	2
CG1036	39.2	9	37.7	9	37.1	9	38.0	9
DBW110 (C)	40.1	7	41.9	2	40.4	5	40.8	4
HI8830(d)	39.3	8	40.3	4	40.8	4	40.2	6
DDW55(d)	41.7	4	39.5	6	42.1	2	41.1	3
HI8627(d)	43.3	1	42.5	1	43.8	1	43.2	1
Mean	41.3		40.1		40.5		40.6	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.40		1.20		5.08	
Genotype (B)	N.S.		1.02		2.42		7.52	
B within A	N.S.		1.76		4.18			
A within B			1.71		4.06			
1000 grain wt, g								
MP3288 (C)	39.75	5	41.52	5	41.91	3	41.06	2
HI1655	40.07	4	41.75	3	39.19	7	40.34	4
DDW47(d)	36.03	9	42.41	2	42.42	2	40.28	6
HI8823(l)	36.58	8	39.36	7	40.74	4	38.89	8
CG1036	41.86	1	43.58	1	44.30	1	43.25	1
DBW110 (C)	41.08	3	39.19	8	40.58	5	40.28	5
HI8830(d)	41.74	2	40.75	6	40.19	6	40.89	3
DDW55(d)	38.69	6	41.74	4	38.91	8	39.78	7
HI8627(d)	37.91	7	38.69	9	37.52	9	38.04	9
Mean	39.30		41.00		40.64		40.31	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.24		0.71		3.04	
Genotype (B)	**		0.81		1.92		6.01	
B within A	N.S.		1.40		3.32			
A within B			1.34		3.18			
Date of Sowing:	06.11.2021							
Date of Harvesting:	20.03.2022							

Table 4.6.5. Central Zone

	RIR-TS-TAD						Powarkheda	2021-22
	Irrigations							
	Zero	Rk	One	Rk	Two	Rk	Mean	Rk
Yield, q/ha								
MP3288 (C)	25.32	4	31.63	4	33.15	4	30.03	4
HI1655	24.45	6	29.46	6	30.73	6	28.21	6
DDW47(d)	23.63	7	28.62	7	30.19	7	27.48	7
HI8823(l)	21.46	9	26.13	9	27.77	9	25.12	9
CG1036	29.92	2	35.11	2	36.78	2	33.94	2
DBW110 (C)	31.18	1	36.54	1	37.98	1	35.23	1
HI8830(d)	26.77	3	33.25	3	34.25	3	31.42	3
DDW55(d)	22.00	8	27.45	8	29.22	8	26.22	8
HI8627(d)	24.86	5	30.37	5	32.39	5	29.21	5
Mean	25.51		30.95		32.50		29.65	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.96		2.89		16.82	
Genotype (B)	**		0.96		2.29		9.76	
B within A	N.S.		1.67		3.96			
A within B			1.84		4.37			
Earhead/sq.m.								
MP3288 (C)	315	4	329	4	341	5	328	4
HI1655	312	6	327	6	337	6	326	5
DDW47(d)	309	7	325	7	331	7	322	8
HI8823(l)	306	9	321	9	329	9	319	9
CG1036	324	2	333	2	346	2	335	2
DBW110 (C)	332	1	335	1	347	1	338	1
HI8830(d)	316	3	331	3	343	4	330	3
DDW55(d)	308	8	323	8	343	3	325	6
HI8627(d)	313	5	328	5	330	8	324	7
Mean	315		328		339		327	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		6.04		18.20		9.59	
Genotype (B)	N.S.		4.90		11.63		4.50	
B within A	N.S.		8.49		20.15			
A within B			10.03		23.79			
Grains /earhead								
MP3288 (C)	19.8	4	22.8	4	22.7	5	21.8	5
HI1655	19.5	6	21.7	6	22.0	6	21.1	6
DDW47(d)	18.9	7	21.4	7	21.9	7	20.8	7
HI8823(l)	18.6	9	20.5	9	20.9	9	20.0	9
CG1036	23.1	1	25.3	2	24.0	2	24.1	2
DBW110 (C)	22.6	2	25.3	1	25.3	1	24.4	1
HI8830(d)	20.6	3	23.6	3	23.4	4	22.5	3
DDW55(d)	18.9	8	21.1	8	21.2	8	20.4	8
HI8627(d)	19.7	5	22.2	5	23.6	3	21.8	4
Mean	20.2		22.7		22.8		21.9	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		1.18		3.56		28.07	
Genotype (B)	**		0.76		1.81		10.46	
B within A	N.S.		1.32		3.13			
A within B			1.72		4.07			
1000 grain wt, g								
MP3288 (C)	40.69	3	42.22	4	43.11	4	42.01	4
HI1655	40.45	5	41.54	6	41.58	6	41.19	6
DDW47(d)	40.22	7	41.04	7	41.55	7	40.94	7
HI8823(l)	38.02	8	39.80	9	40.54	8	39.45	9
CG1036	40.22	6	41.83	5	44.47	1	42.17	3
DBW110 (C)	42.19	1	43.27	1	43.54	2	43.00	1
HI8830(d)	41.23	2	42.79	2	43.18	3	42.40	2
DDW55(d)	38.00	9	40.45	8	40.34	9	39.60	8
HI8627(d)	40.62	4	42.36	3	41.76	5	41.58	5
Mean	40.18		41.70		42.23		41.37	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.62		1.87		7.80	
Genotype (B)	**		0.71		1.68		5.15	
B within A	N.S.		1.23		2.92			
A within B			1.32		3.12			
Date of Sowing:	07.11.2021							
Date of Harvesting:	15.03.2022							

Table 4.6.6. Central Zone		RIR-TS-TAD		Udaipur		2021-22		
Genotype	Irrigations						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
MP3288 (C)	36.61	1	37.55	3	40.28	3	38.15	2
HI1655	30.66	4	34.65	6	35.80	8	33.71	6
DDW47(d)	28.32	9	27.87	9	37.87	7	31.35	9
HI8823(l)	30.11	5	36.56	5	38.18	5	34.95	4
CG1036	31.97	2	39.17	2	42.23	2	37.79	3
DBW110 (C)	29.19	6	36.60	4	38.14	6	34.64	5
HI8830(d)	31.06	3	41.00	1	46.99	1	39.68	1
DDW55(d)	28.40	7	33.14	8	33.38	8	31.64	8
HI8627(d)	28.40	7	33.58	7	38.99	4	33.63	7
Mean	30.53		35.57		35.99		35.06	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.55		1.66		8.15	
Genotype (B)	**		1.81		2.05		7.39	
B within A	**		1.50		3.55			
A within B			1.51		3.59			
Earhead/sq.m.								
MP3288 (C)	303	2	303	4	337	3	308	4
HI1655	273	6	297	6	322	6	297	7
DDW47(d)	265	8	378	1	293	9	312	3
HI8823(l)	277	4	310	3	335	4	307	5
CG1036	282	3	302	5	365	2	316	2
DBW110 (C)	275	5	297	6	328	5	300	6
HI8830(d)	288	1	313	2	375	1	326	1
DDW55(d)	265	8	273	9	310	8	283	9
HI8627(d)	272	7	278	8	322	6	291	8
Mean	276		306		332		304	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		3.69		11.12		6.29	
Genotype (B)	**		5.48		13.00		5.40	
B within A	**		9.50		22.52			
A within B			9.68		22.96			
Grains /earhead								
MP3288 (C)	30.0	1	28.3	4	25.0	6	27.8	1
HI1655	26.5	3	27.7	6	25.2	5	26.5	4
DDW47(d)	27.4	2	17.6	9	30.8	1	25.3	9
HI8823(l)	25.8	6	27.6	7	24.3	8	25.9	7
CG1036	26.0	5	28.1	5	24.1	9	26.1	6
DBW110 (C)	25.2	7	28.5	1	25.8	3	26.5	3
HI8830(d)	23.1	9	27.4	8	25.5	4	25.3	8
DDW55(d)	26.1	4	28.4	3	25.0	7	26.5	5
HI8627(d)	25.1	8	28.4	2	27.5	2	27.0	2
Mean	26.1		26.9		25.9		26.3	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.75		2.25		14.71	
Genotype (B)	N.S.		1.04		2.47		11.90	
B within A	**		1.81		4.29			
A within B			1.86		4.41			
1000 grain wt, g								
MP3288 (C)	43.14	4	44.49	3	48.15	2	45.26	3
HI1655	42.52	5	42.31	8	44.23	6	43.02	6
DDW47(d)	39.10	9	41.69	9	41.98	9	40.92	9
HI8823(l)	43.30	3	43.69	4	47.07	4	44.69	4
CG1036	43.98	2	46.71	2	48.14	3	46.28	2
DBW110 (C)	42.20	6	43.26	5	45.15	5	43.54	5
HI8830(d)	46.75	1	47.81	1	49.31	1	47.96	1
DDW55(d)	41.21	8	42.82	6	43.36	8	42.46	8
HI8627(d)	42.07	7	42.48	7	43.93	7	42.83	7
Mean	42.70		43.92		45.70		44.11	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.52		1.58		6.16	
Genotype (B)	**		0.89		2.12		6.07	
B within A	N.S.		1.55		3.66			
A within B			1.55		3.67			
Date of Sowing:	10.11.2021							
Date of Harvesting:	11.03.2022							