

Table 4.3. Central Zone		IR-LS-DOS-TAS					Centrewise		Yield, q/ha		2021-22
Sowing Time	Genotype	Bilaspur	Durgapura	Indore	Jabalpur	Jungagadh	Powarkheda	Udaipur	Vijapur	Zonal Mean	
Late	HD2932 (C)	37.69	39.31	55.17	49.53	57.30	46.18	48.00	49.79	47.87	
	HI1634 (C)	35.54	30.14	53.70	51.07	55.52	47.49	50.18	46.75	46.30	
	MP3336 (C)	34.08	34.28	53.73	43.15	54.01	38.76	45.97	47.63	43.95	
	HD2864 (C)	38.08	41.83	48.93	51.22	55.16	45.90	45.78	42.33	46.15	
	CG1029 (C)	39.90	37.28	56.53	53.36	58.85	43.31	46.93	52.13	48.53	
	HD3407	38.41	40.82	57.13	57.33	56.15	53.44	41.49	47.71	49.06	
	Mean	37.28	37.28	54.20	50.94	56.17	45.85	46.39	47.72	46.98	
Very Late	HD2932 (C)	32.82	27.27	44.27	32.40	37.42	32.33	39.07	31.08	34.58	
	HI1634 (C)	31.55	29.36	39.47	32.51	38.41	36.90	45.70	31.92	35.73	
	MP3336 (C)	28.98	34.94	43.03	28.74	38.77	29.97	37.18	28.46	33.76	
	HD2864 (C)	34.62	32.99	42.67	39.25	42.90	41.21	36.57	30.33	37.57	
	CG1029 (C)	29.74	31.89	45.57	35.57	37.94	38.89	35.14	30.50	35.65	
	HD3407	29.67	23.99	45.87	33.76	39.56	36.90	35.78	27.79	34.17	
	Mean	31.23	30.07	43.48	33.71	39.17	36.03	38.24	30.01	35.24	
Mean	HD2932 (C)	35.25	33.29	49.72	40.97	47.36	39.26	43.53	40.44	41.23	
	HI1634 (C)	33.55	29.75	46.58	41.79	46.97	42.20	47.94	39.33	41.01	
	MP3336 (C)	31.53	34.61	48.38	35.94	46.39	34.37	41.58	38.04	38.85	
	HD2864 (C)	36.35	37.41	45.80	45.24	49.03	43.56	41.17	36.33	41.86	
	CG1029 (C)	34.82	34.59	51.05	44.46	48.39	41.10	41.04	41.31	42.09	
	HD3407	34.04	32.40	51.50	45.55	47.86	45.17	38.64	37.75	41.61	
	Mean	34.25	33.68	48.84	42.32	47.67	40.94	42.32	38.87	41.11	
CD (0.05)	Sowing (A)	2.60	1.98	2.60	0.92	6.64	2.80	3.83	5.36	0.80	
	Genotype(B)	3.28	2.07	1.93	2.98	2.50	3.53	3.32	2.10	0.94	
	B within A	4.64	2.92	2.73	4.22	3.54	4.99	4.70	2.97	1.32	
	A within B	4.50	2.91	2.93	3.89	5.08	4.84	4.85	4.17	1.44	
Date of Sowing	Late	03.12.2021	08.12.2021	04.12.2021	05.12.2021	07.12.2021	06.12.2021	04.12.2021	13.11.2021		
	V. Late	24.12.2021	30.12.2021	28.12.2021	12.26.2021	27.12.2021	27.12.2021	25.12.2021	04.12.2021		
Date of Harvesting	Late	10.04.2022	02.04.2022	02.04.2022	12.04.2022	17.03.2022	10.04.2022	24.03.2022	03.03.2022		
	V. Late	17.04.2022	10.04.2022	09.04.2022	24.04.2022	28.03.2022	19.04.2022	06.04.2022	22.03.2022		

Table 4.4. Central Zone		IR-LS-DOS-TAS		Pooled	2021-22	
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
HD2932 (C)	47.87	3	34.58	4	41.23	4
HI1634 (C)	46.30	4	35.73	2	41.01	5
MP3336 (C)	43.95	6	33.76	6	38.85	6
HD2864 (C)	46.15	5	37.57	1	41.86	2
CG1029 (C)	48.53	2	35.65	3	42.09	1
HD3407	49.06	1	34.17	5	41.61	3
Mean	46.98		35.24		41.11	
	Sowing Time (A)	Genotype (B)		B within A		A within B
CD (0.05)	0.80	0.94		1.32		1.44
Earhead/sq.m.						
HD2932 (C)	361	3	318	4	340	4
HI1634 (C)	338	6	312	6	325	6
MP3336 (C)	357	4	326	3	342	3
HD2864 (C)	365	2	344	1	355	1
CG1029 (C)	356	5	315	5	335	5
HD3407	370	1	333	2	352	2
Mean	358		325		341	
	Sowing Time (A)	Genotype (B)		B within A		A within B
CD (0.05)	4.75	6.84		9.67		9.97
Grains /earhead						
HD2932 (C)	30.4	4	31.8	2	31.1	3
HI1634 (C)	32.2	2	32.0	1	32.1	1
MP3336 (C)	29.3	5	28.5	5	28.9	5
HD2864 (C)	30.6	3	30.3	4	30.5	4
CG1029 (C)	29.1	6	27.6	6	28.4	6
HD3407	32.9	1	30.6	3	31.8	2
Mean	30.7		30.1		30.4	
	Sowing Time (A)	Genotype (B)		B within A		A within B
CD (0.05)	0.94	1.33		NS		NS
1000 Grains Weight, g						
HD2932 (C)	44.81	2	36.05	5	40.43	2
HI1634 (C)	43.37	3	36.62	4	40.00	4
MP3336 (C)	42.54	4	38.02	2	40.28	3
HD2864 (C)	42.31	5	37.47	3	39.89	5
CG1029 (C)	47.39	1	42.61	1	45.00	1
HD3407	41.01	6	35.08	6	38.04	6
Mean	43.57		37.64		40.61	
	Sowing Time (A)	Genotype (B)		B within A		A within B
CD (0.05)	0.53	0.58		0.82		0.91
Centres: Bilaspur, Durgapura, Indore, Jabalpur, Junagadh, Powarkheda, Udaipur, Vijapur						

Table 4.4.1. Central Zone		IR-LS-DOS-TAS		Bilaspur	2021-22	
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
HD2932 (C)	37.69	4	32.82	2	35.25	2
HI1634 (C)	35.54	5	31.55	3	33.55	5
MP3336 (C)	34.08	6	28.98	6	31.53	6
HD2864 (C)	38.08	3	34.62	1	36.35	1
CG1029 (C)	39.90	1	29.74	4	34.82	3
HD3407	38.41	2	29.67	5	34.04	4
Mean	37.28		31.23		34.25	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.63	2.60	7.81		
Genotype (B)	N.S.	1.34	3.28	9.61		
B within A	N.S.	1.90	4.64			
A within B		1.85	4.50			
Earhead/sq.m.						
HD2932 (C)	309	4	311	2	310	2
HI1634 (C)	301	5	305	3	303	5
MP3336 (C)	294	6	280	6	287	6
HD2864 (C)	315	3	320	1	317	1
CG1029 (C)	329	1	286	5	308	4
HD3407	322	2	296	4	309	3
Mean	312		300		306	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	**	0.76	3.14	1.05		
Genotype (B)	**	0.96	2.35	0.77		
B within A	**	1.36	3.33			
A within B		1.46	3.56			
Grains /earhead						
HD2932 (C)	29.9	1	26.3	4	28.1	2
HI1634 (C)	29.1	3	25.9	5	27.5	5
MP3336 (C)	29.0	4	27.3	1	28.1	1
HD2864 (C)	29.5	2	26.5	3	28.0	3
CG1029 (C)	28.8	5	26.8	2	27.8	4
HD3407	28.5	6	25.8	6	27.1	6
Mean	29.1		26.4		27.8	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	N.S.	0.60	2.49	9.20		
Genotype (B)	N.S.	1.21	2.95	10.65		
B within A	N.S.	1.71	4.17			
A within B		1.67	4.08			
1000 grain wt, g						
HD2932 (C)	41.00	4	40.11	2	40.56	2
HI1634 (C)	40.58	5	39.91	3	40.24	5
MP3336 (C)	40.03	6	37.89	6	38.96	6
HD2864 (C)	41.14	3	40.98	1	41.06	1
CG1029 (C)	42.09	1	38.92	5	40.51	3
HD3407	41.68	2	39.06	4	40.37	4
Mean	41.09		39.48		40.28	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	N.S.	1.48	6.13	15.62		
Genotype (B)	*	0.41	1.00	2.50		
B within A	N.S.	0.58	1.42			
A within B		1.58	3.84			
Date of Sowing:	03.12.2021		24.12.2021			
Date of Harvesting:	10.04.2022		17.04.2022			

Table 4.4.2. Central Zone		IR-LS-DOS-TAS		Durgapura 2021-22		
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
HD2932 (C)	39.31	3	27.27	5	33.29	4
HI1634 (C)	30.14	6	29.36	4	29.75	6
MP3336 (C)	34.28	5	34.94	1	34.61	2
HD2864 (C)	41.83	1	32.99	2	37.41	1
CG1029 (C)	37.28	4	31.89	3	34.59	3
HD3407	40.82	2	23.99	6	32.40	5
Mean	37.28		30.07		33.68	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	**	0.48	1.98	6.03		
Genotype (B)	**	0.85	2.07	6.16		
B within A	**	1.20	2.92			
A within B		1.19	2.91			
Earhead/sq.m.						
HD2932 (C)	292	3	210	5	251	4
HI1634 (C)	228	6	219	4	223	6
MP3336 (C)	255	5	256	1	256	2
HD2864 (C)	318	1	241	2	280	1
CG1029 (C)	272	4	232	3	252	3
HD3407	297	2	190	6	244	5
Mean	277		225		251	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	5.61	23.17	9.49		
Genotype (B)	**	6.11	14.91	5.97		
B within A	**	8.65	21.09			
A within B		9.68	23.62			
Grains /earhead						
HD2932 (C)	32.5	5	37.2	2	34.8	5
HI1634 (C)	36.4	2	34.2	5	35.3	1
MP3336 (C)	32.5	6	37.5	1	35.0	3
HD2864 (C)	33.2	4	36.9	3	35.1	2
CG1029 (C)	33.4	3	35.6	4	34.5	6
HD3407	36.8	1	32.9	6	34.9	4
Mean	34.1		35.7		34.9	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.17	0.71	2.08		
Genotype (B)	N.S.	0.83	2.02	5.81		
B within A	**	1.17	2.86			
A within B		1.08	2.64			
1000 grain wt, g						
HD2932 (C)	41.50	1	35.00	6	38.25	4
HI1634 (C)	36.50	6	39.33	1	37.92	6
MP3336 (C)	41.40	2	36.50	5	38.95	2
HD2864 (C)	39.67	4	37.17	4	38.42	3
CG1029 (C)	41.00	3	38.71	2	39.85	1
HD3407	37.37	5	38.54	3	37.96	5
Mean	39.57		37.54		38.56	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	N.S.	0.49	2.01	5.35		
Genotype (B)	N.S.	0.86	2.10	5.47		
B within A	**	1.22	2.97			
A within B		1.21	2.96			
Date of Sowing:	08.12.2021		30.12.2021			
Date of Harvesting:	02.04.2022		10.04.2022			

Table 4.4.3. Central Zone		IR-LS-DOS-TAS		Indore		2021-22	
Genotype	Sowing Time				Mean	Rk	
	Late	Rk	Very Late	Rk			
Yield, q/ha							
HD2932 (C)	55.17	3	44.27	3	49.72	3	
HI1634 (C)	53.70	5	39.47	6	46.58	5	
MP3336 (C)	53.73	4	43.03	4	48.38	4	
HD2864 (C)	48.93	6	42.67	5	45.80	6	
CG1029 (C)	56.53	2	45.57	2	51.05	2	
HD3407	57.13	1	45.87	1	51.50	1	
Mean	54.20		43.48		48.84		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	**	0.63	2.60	5.47			
Genotype (B)	**	0.79	1.93	3.97			
B within A	N.S.	1.12	2.73				
A within B		1.20	2.93				
Earhead/sq.m.							
HD2932 (C)	304	5	290	6	297	6	
HI1634 (C)	302	6	308	5	305	5	
MP3336 (C)	371	1	349	1	360	1	
HD2864 (C)	320	4	330	4	325	4	
CG1029 (C)	345	2	333	3	339	3	
HD3407	342	3	343	2	342	2	
Mean	331		325		328		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	N.S.	2.35	9.72	3.04			
Genotype (B)	**	7.44	18.15	5.56			
B within A	N.S.	10.52	25.67				
A within B		9.89	24.12				
Grains /earhead							
HD2932 (C)	44.7	1	48.4	1	46.6	1	
HI1634 (C)	43.2	2	39.6	3	41.4	3	
MP3336 (C)	35.7	5	35.5	5	35.6	5	
HD2864 (C)	39.4	4	39.2	4	39.3	4	
CG1029 (C)	32.4	6	34.1	6	33.2	6	
HD3407	42.9	3	44.2	2	43.5	2	
Mean	39.7		40.2		39.9		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	N.S.	0.36	1.50	3.87			
Genotype (B)	**	1.42	3.46	8.71			
B within A	N.S.	2.01	4.90				
A within B		1.87	4.56				
1000 grain wt, g							
HD2932 (C)	40.67	3	31.67	5	36.17	4	
HI1634 (C)	41.40	2	32.53	4	36.97	3	
MP3336 (C)	40.60	4	34.77	2	37.68	2	
HD2864 (C)	39.03	6	33.03	3	36.03	5	
CG1029 (C)	50.70	1	40.20	1	45.45	1	
HD3407	39.07	5	30.33	6	34.70	6	
Mean	41.91		33.76		37.83		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	**	0.18	0.75	2.03			
Genotypes (B)	**	0.30	0.72	1.91			
B within A	**	0.42	1.02				
A within B		0.42	1.03				
Date of Sowing:	04.12.2021		28.12.2021				
Date of Harvesting:	02.04.2022		09.04.2022				

Table 4.4.4. Central Zone		IR-LS-DOS-TAS		Jabalpur		2021-22	
Genotype	Sowing Time				Mean	Rk	
	Late	Rk	Very Late	Rk			
Yield, q/ha							
HD2932 (C)	49.53	5	32.40	5	40.97	5	
HI1634 (C)	51.07	4	32.51	4	41.79	4	
MP3336 (C)	43.15	6	28.74	6	35.94	6	
HD2864 (C)	51.22	3	39.25	1	45.24	2	
CG1029 (C)	53.36	2	35.57	2	44.46	3	
HD3407	57.33	1	33.76	3	45.55	1	
Mean	50.94		33.71		42.32		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	**	0.22	0.92	2.23			
Genotype (B)	**	1.22	2.98	7.08			
B within A	*	1.73	4.22				
A within B		1.59	3.89				
Earhead/sq.m.							
HD2932 (C)	339	4	286	4	313	5	
HI1634 (C)	367	2	295	3	331	2	
MP3336 (C)	310	6	272	6	291	6	
HD2864 (C)	330	5	314	1	322	3	
CG1029 (C)	354	3	283	5	318	4	
HD3407	389	1	300	2	345	1	
Mean	348		292		320		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	**	0.69	2.84	0.91			
Genotype (B)	**	1.90	4.65	1.46			
B within A	**	2.69	6.57				
A within B		2.55	6.23				
Grains /earhead							
HD2932 (C)	28.8	5	27.2	4	28.0	5	
HI1634 (C)	29.2	4	31.0	2	30.1	3	
MP3336 (C)	31.8	3	25.1	5	28.4	4	
HD2864 (C)	36.7	1	31.2	1	34.0	1	
CG1029 (C)	27.5	6	24.6	6	26.0	6	
HD3407	33.5	2	29.5	3	31.5	2	
Mean	31.3		28.1		29.7		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	**	0.15	0.63	2.18			
Genotype (B)	**	0.87	2.12	7.16			
B within A	*	1.23	2.99				
A within B		1.13	2.76				
1000 grain wt, g							
HD2932 (C)	50.90	2	41.61	3	46.25	2	
HI1634 (C)	47.75	3	35.59	6	41.67	4	
MP3336 (C)	43.93	5	42.14	2	43.04	3	
HD2864 (C)	42.18	6	40.13	4	41.16	6	
CG1029 (C)	54.70	1	51.40	1	53.05	1	
HD3407	44.06	4	38.38	5	41.22	5	
Mean	47.25		41.54		44.40		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	*	0.42	1.72	3.98			
Genotype (B)	**	0.90	2.20	4.97			
B within A	**	1.27	3.11				
A within B		1.24	3.01				
Date of Sowing:	05.12.2021		26.12.2021				
Date of Harvesting:	12.04.2022		24.04.2022				

Table 4.4.5. Central Zone		IR-LS-DOS-TAS		Junagadh	2021-22	
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
HD2932 (C)	57.30	2	37.42	6	47.36	4
HI1634 (C)	55.52	4	38.41	4	46.97	5
MP3336 (C)	54.01	6	38.77	3	46.39	6
HD2864 (C)	55.16	5	42.90	1	49.03	1
CG1029 (C)	58.85	1	37.94	5	48.39	2
HD3407	56.15	3	39.56	2	47.86	3
Mean	56.17		39.17		47.67	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	1.61	6.64	14.31		
Genotype (B)	N.S.	1.03	2.50	5.27		
B within A	N.S.	1.45	3.54			
A within B		2.08	5.08			
Earhead/sq.m.						
HD2932 (C)	425	1	373	5	399	3
HI1634 (C)	375	6	387	3	381	6
MP3336 (C)	395	5	380	4	388	4
HD2864 (C)	418	2	391	2	405	2
CG1029 (C)	410	4	362	6	386	5
HD3407	413	3	398	1	406	1
Mean	406		382		394	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	N.S.	6.94	28.64	7.47		
Genotype (B)	*	6.03	14.70	3.75		
B within A	**	8.52	20.79			
A within B		10.42	25.43			
Grains /earhead						
HD2932 (C)	26.6	5	32.8	3	29.7	2
HI1634 (C)	27.7	3	29.9	5	28.8	5
MP3336 (C)	27.0	4	31.9	4	29.5	3
HD2864 (C)	25.6	6	32.9	2	29.3	4
CG1029 (C)	30.8	1	25.8	6	28.3	6
HD3407	27.9	2	33.1	1	30.5	1
Mean	27.6		31.1		29.3	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.43	1.78	6.22		
Genotype (B)	N.S.	0.53	1.30	4.43		
B within A	**	0.75	1.83			
A within B		0.81	1.97			
1000 grain wt, g						
HD2932 (C)	50.60	3	30.57	5	40.58	5
HI1634 (C)	53.27	1	33.27	3	43.27	2
MP3336 (C)	50.53	4	32.00	4	41.27	4
HD2864 (C)	51.43	2	33.37	2	42.40	3
CG1029 (C)	46.67	6	40.57	1	43.62	1
HD3407	48.67	5	30.00	6	39.33	6
Mean	50.19		33.29		41.74	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	**	0.28	1.16	2.86		
Genotype (B)	**	0.51	1.24	2.98		
B within A	**	0.72	1.75			
A within B		0.71	1.74			
Date of Sowing:	07.12.2021		27.12.2021			
Date of Harvesting:	17.03.2022		28.03.2022			

Table 4.4.6. Central Zone		IR-LS-DOS-TAS			Powarkheda 2021-22	
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
HD2932 (C)	46.18	3	32.33	5	39.26	5
HI1634 (C)	47.49	2	36.90	3	42.20	3
MP3336 (C)	38.76	6	29.97	6	34.37	6
HD2864 (C)	45.90	4	41.21	1	43.56	2
CG1029 (C)	43.31	5	38.89	2	41.10	4
HD3407	53.44	1	36.90	4	45.17	1
Mean	45.85		36.03		40.94	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	**	0.68	2.80	7.02		
Genotype (B)	**	1.45	3.53	8.65		
B within A	*	2.04	4.99			
A within B		1.99	4.84			
Earhead/sq.m.						
HD2932 (C)	384	6	366	4	375	5
HI1634 (C)	400	4	361	5	380	4
MP3336 (C)	415	3	382	3	398	3
HD2864 (C)	440	1	431	2	436	1
CG1029 (C)	391	5	341	6	366	6
HD3407	422	2	435	1	429	2
Mean	409		386		397	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	3.66	15.13	3.91		
Genotype (B)	**	6.81	16.61	4.20		
B within A	*	9.63	23.50			
A within B		9.53	23.24			
Grains /earhead						
HD2932 (C)	27.0	3	23.4	3	25.2	3
HI1634 (C)	28.9	2	26.5	1	27.7	2
MP3336 (C)	24.2	4	19.6	6	21.9	6
HD2864 (C)	24.1	5	22.3	4	23.2	4
CG1029 (C)	22.7	6	21.7	5	22.2	5
HD3407	35.5	1	24.2	2	29.9	1
Mean	27.1		23.0		25.0	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.33	1.35	5.54		
Genotype (B)	**	1.07	2.62	10.50		
B within A	*	1.52	3.70			
A within B		1.42	3.47			
1000 grain wt, g						
HD2932 (C)	44.47	2	37.68	5	41.08	3
HI1634 (C)	41.08	4	38.67	4	39.87	4
MP3336 (C)	38.55	5	40.05	3	39.30	5
HD2864 (C)	43.22	3	42.76	2	42.99	2
CG1029 (C)	48.74	1	52.58	1	50.66	1
HD3407	36.10	6	34.97	6	35.53	6
Mean	42.03		41.12		41.57	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.08	0.34	0.84		
Genotype (B)	**	0.22	0.53	1.27		
B within A	**	0.30	0.74			
A within B		0.29	0.71			
Date of Sowing:	06.12.2021		27.12.2021			
Date of Harvesting:	10.04.2022		19.04.2022			

Table 4.4.7. Central Zone		IR-LS-DOS-TAS		Udaipur	2021-22	
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
HD2932 (C)	48.00	2	39.07	2	43.53	2
HI1634 (C)	50.18	1	45.70	1	47.94	1
MP3336 (C)	45.97	4	37.18	3	41.58	3
HD2864 (C)	45.78	5	36.57	4	41.17	4
CG1029 (C)	46.93	3	35.14	6	41.04	5
HD3407	41.49	6	35.78	5	38.64	6
Mean	46.39		38.24		42.32	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.93	3.83	9.29		
Genotype (B)	**	1.36	3.32	7.88		
B within A	N.S.	1.93	4.70			
A within B		1.99	4.85			
Earhead/sq.m.						
HD2932 (C)	365	3	274	4	319	3
HI1634 (C)	378	1	280	1	329	1
MP3336 (C)	367	2	280	1	324	2
HD2864 (C)	338	5	279	3	309	4
CG1029 (C)	335	6	265	6	300	6
HD3407	343	4	274	4	309	4
Mean	354		275		315	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	6.49	26.82	8.75		
Genotype (B)	N.S.	10.31	25.15	8.02		
B within A	N.S.	14.58	35.57			
A within B		14.81	36.13			
Grains /earhead						
HD2932 (C)	29.0	3	36.3	2	32.6	3
HI1634 (C)	28.8	4	40.4	1	34.6	1
MP3336 (C)	28.2	5	33.4	3	30.8	5
HD2864 (C)	30.7	2	32.2	6	31.4	4
CG1029 (C)	32.6	1	33.3	4	33.0	2
HD3407	28.0	6	32.5	5	30.2	6
Mean	29.5		34.7		32.1	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	*	0.84	3.47	11.09		
Genotype (B)	N.S.	1.51	3.68	11.52		
B within A	N.S.	2.14	5.21			
A within B		2.12	5.18			
1000 grain wt, g						
HD2932 (C)	45.57	2	39.65	6	42.61	2
HI1634 (C)	46.47	1	40.42	3	43.44	1
MP3336 (C)	44.55	3	39.83	4	42.19	4
HD2864 (C)	44.12	4	40.80	1	42.46	3
CG1029 (C)	43.94	5	39.77	5	41.85	6
HD3407	43.56	6	40.43	2	42.00	5
Mean	44.70		40.15		42.43	
	F. Test	SEm	CD (0.05)	CV (%)		
Date of sowing (A)	**	0.23	0.94	2.28		
Genotype (B)	N.S.	0.54	1.33	3.14		
B within A	N.S.	0.77	1.88			
A within B		0.74	1.80			
Date of Sowing:	04.12.2021		25.12.2021			
Date of Harvesting:	24.03.2022		06.04.2022			

Table 4.4.8. Central Zone		IR-LS-DOS-TAS		Vijapur		2021-22	
Genotype	Sowing Time				Mean	Rk	
	Late	Rk	Very Late	Rk			
Yield, q/ha							
HD2932 (C)	49.79	2	31.08	2	40.44	2	
HI1634 (C)	46.75	5	31.92	1	39.33	3	
MP3336 (C)	47.63	4	28.46	5	38.04	4	
HD2864 (C)	42.33	6	30.33	4	36.33	6	
CG1029 (C)	52.13	1	30.50	3	41.31	1	
HD3407	47.71	3	27.79	6	37.75	5	
Mean	47.72		30.01		38.87		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	*	1.30	5.36	14.16			
Genotype (B)	**	0.86	2.10	5.42			
B within A	**	1.22	2.97				
A within B		1.71	4.17				
Earhead/sq.m.							
HD2932 (C)	473	1	431	2	452	1	
HI1634 (C)	351	6	340	6	346	6	
MP3336 (C)	453	2	406	5	429	4	
HD2864 (C)	442	3	449	1	446	2	
CG1029 (C)	411	5	415	4	413	5	
HD3407	429	4	430	3	430	3	
Mean	427		412		419		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	N.S.	9.76	40.30	9.88			
Genotype (B)	**	16.33	39.84	9.54			
B within A	N.S.	23.10	56.35				
A within B		23.23	56.68				
Grains /earhead							
HD2932 (C)	24.3	6	22.6	3	23.5	4	
HI1634 (C)	33.9	1	28.3	1	31.1	1	
MP3336 (C)	25.9	3	17.4	6	21.7	6	
HD2864 (C)	25.9	4	21.6	4	23.7	3	
CG1029 (C)	24.9	5	19.0	5	21.9	5	
HD3407	30.0	2	22.7	2	26.4	2	
Mean	27.5		21.9		24.7		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	N.S.	1.27	5.24	21.80			
Genotype (B)	**	1.33	3.24	13.17			
B within A	N.S.	1.88	4.58				
A within B		2.13	5.21				
1000 grain wt, g							
HD2932 (C)	43.76	2	32.15	4	37.95	3	
HI1634 (C)	39.90	4	33.26	3	36.58	4	
MP3336 (C)	40.72	3	41.01	1	40.87	2	
HD2864 (C)	37.65	5	31.52	5	34.58	5	
CG1029 (C)	51.25	1	38.76	2	45.01	1	
HD3407	37.59	6	28.89	6	33.24	6	
Mean	41.81		34.26		38.04		
	F. Test	SEm	CD (0.05)	CV (%)			
Date of sowing (A)	**	0.36	1.48	4.00			
Genotypes (B)	**	1.24	3.03	8.01			
B within A	*	1.76	4.29				
A within B		1.64	4.01				
Date of Sowing:		13.11.2021		04.12.2021			
Date of Harvesting:		03.03.2022		22.03.2022			