

Table 4.1. Central Zone		IR-DOS-TAD			Centrewise		Yield, q/ha		2020-21	
	Genotype	Bilaspur	Gwalior	Indore	Jabalpur	Junagadh	Powarkheda	Udaipur	Vijapur	Zonal mean
Normal	HI1636	41.98	59.42	50.43	41.31	64.12	41.19	41	52.35	48.98
	GW513	46.65	58.68	43.77	42.6	62.66	41.41	39.27	52.69	48.47
	HI8713(d) (C)	42.59	60.38	50.6	47.49	55.11	48.34	47.57	52.19	50.53
	HI1544 (C)	44.56	59.69	48.53	38.26	63.23	39.68	40.87	50.88	48.21
	GW322 (C)	47.33	59.42	46.33	44.41	65.1	40.56	34.78	53.85	48.97
	Mean	44.62	59.52	47.93	42.81	62.04	42.23	40.70	52.39	49.03
Late	HI1636	35.21	52.77	52.37	40.22	53.03	40.83	57.36	44.63	47.05
	GW513	40.71	52.39	47.47	38.28	47.13	38.29	47.06	48.17	44.94
	HI8713(d) (C)	34.52	53.23	51.27	43.07	49.8	42.02	41.48	38.53	44.24
	HI1544 (C)	39.25	49.81	49.37	36.71	50.6	37.91	32.64	38.81	41.89
	GW322 (C)	41.9	51.07	45.23	42.45	55.32	36.29	37.77	33.72	42.97
	Mean	38.32	51.85	49.14	40.15	51.18	39.07	43.26	40.77	44.22
Mean	HI1636	38.6	56.1	51.4	40.76	58.58	41.01	49.18	48.49	48.01
	GW513	43.68	55.54	45.62	40.44	54.9	39.85	43.16	50.43	46.7
	HI8713(d) (C)	38.56	56.8	50.93	45.28	52.46	45.18	44.52	45.36	47.39
	HI1544 (C)	41.91	54.75	48.95	37.48	56.92	38.8	36.75	44.84	45.05
	GW322 (C)	44.62	55.24	45.78	43.43	60.21	38.42	36.28	43.79	45.97
	Mean	41.47	55.69	48.54	41.48	56.61	40.65	41.98	46.58	46.62
CD (0.05)	Sowing (A)	3.95	2.19	NS	1.42	3.78	NS	NS	10.71	0.76
	Genotype (B)	2.34	0.89	2.13	1.55	NS	2.14	5.25	4.03	0.94
	B within A	NS	1.26	NS	NS	NS	NS	7.42	5.69	1.33
	A within B	NS	1.56	NS	NS	NS	NS	7.53	7.33	1.40
DOS- Late		15.11.2020	18.11.2020	12.11.2020	15.11.2020	13.11.2020	20.11.2020	12.11.2020	13.11.2020	
DOS-V.Late		03.12.2020	09.12.2020	03.12.2021	06.12.2020	03.12.2020	09.12.2020	05.12.2020	03.12.2020	
Date of Harvesting:		19.03.2021	05.04.2021	19.03.2021	04.04.2021	10.03.2021	18.03.2021	25.03.2021	12.03.2021	
		10.04.2021	10.04.2021	19.04.2021	12.04.2021	18.03.2021	01.04.2021	04.04.2021	23.04.2021	

Table 4.2. Central Zone		IR-DOS-TAD			Pooled	2020-21
Genotypes	Sowing Time				Mean	Rk
	Timely	Rk	Late	Rk		
			Yield, q/ha			
HI1636	48.98	2	47.05	1	48.01	1
GW513	48.47	4	44.94	2	46.7	3
HI8713(d) (C)	50.53	1	44.24	3	47.39	2
HI1544 (C)	48.21	5	41.89	5	45.05	5
GW322 (C)	48.97	3	42.97	4	45.97	4
Mean	49.03		44.22		46.62	
	Sowing (A)		Genotypes (B)		B within A	A within B
CD (0.05)	0.76		0.94		1.33	1.40
			Earhead/sqm			
HI1636	368	3	334	5	351	5
GW513	367	4	343	2	355	2
HI8713(d) (C)	363	5	344	1	354	3
HI1544 (C)	370	2	336	4	353	4
GW322 (C)	371	1	341	3	356	1
Mean	368		339.57		354	
	Sowing (A)		Genotypes (B)		B within A	A within B
CD (0.05)	4.04		NS		NS	NS
			Grains/earhead			
HI1636	28.21	5	32.17	3	30.19	5
GW513	29.84	4	31.92	4	30.88	3
HI8713(d) (C)	30.24	2	31.34	5	30.79	4
HI1544 (C)	30	3	32.66	1	31.33	2
GW322 (C)	31.1	1	32.55	2	31.82	1
Mean	29.88		32.13		31.00	
	Sowing (A)		Genotypes (B)		B within A	A within B
CD (0.05)	0.64		NS		NS	NS
			1000 grains weight, g			
HI1636	49.77	1	45.26	1	47.51	1
GW513	46.18	3	42.56	2	44.37	3
HI8713(d) (C)	48.09	2	41.92	3	45	2
HI1544 (C)	44.49	4	39.08	5	41.79	4
GW322 (C)	43.89	5	39.67	4	41.78	5
Mean	46.48		41.70		44.09	
	Sowing (A)		Genotypes (B)		B within A	A within B
CD (0.05)	0.51		0.73		1.03	1.05

Centres: Bilaspur, Gwalior, Indore, Jabalpur, Junagadh, Powarkheda, Udaipur, Vijapur

Genotypes	Sowing Time		Yield, q/ha		Mean	Rk
	Normal	Rk	Late	Rk		
GW322 (C)	47.33	1	41.90	1	44.62	1
HI1544 (C)	44.56	3	39.25	3	41.91	3
HI8713(d) (C)	42.59	4	34.52	5	38.56	5
GW513	46.65	2	40.71	2	43.68	2
HI1636	41.98	5	35.21	4	38.60	4
Mean	44.62		38.32		41.47	
	F. Test	SEm	CD (0.05)	CV (%)		
Sowing (A)	*	0.65	3.95	6.07		
Genotypes (B)	**	0.78	2.34	4.61		
B within A	N.S.	1.10	3.31			
A within B		1.18	3.54			
			Earhead/sqm			
GW322 (C)	373	1	332	1	353	1
HI1544 (C)	333	3	326	3	330	3
HI8713(d) (C)	326	4	293	4	310	4
GW513	369	2	326	2	348	2
HI1636	310	5	289	5	300	5
Mean	342		313		328	
	F. Test	SEm	CD (0.05)	CV (%)		
Sowing (A)	**	0.48	2.91	0.57		
Genotypes (B)	**	3.40	10.20	2.54		
B within A	**	4.81	14.42			
A within B		4.33	12.98			
			Grains/earhead			
GW322 (C)	28.15	5	29.16	4	28.66	5
HI1544 (C)	30.47	3	28.77	5	29.62	3
HI8713(d) (C)	31.01	2	29.96	2	30.48	2
GW513	28.30	4	29.21	3	28.76	4
HI1636	32.45	1	31.25	1	31.85	1
Mean	30.07		29.67		29.87	
	F. Test	SEm	CD (0.05)	CV (%)		
Sowing (A)	N.S.	0.48	2.92	6.23		
Genotypes (B)	N.S.	1.04	3.12	8.53		
B within A	N.S.	1.47	4.41			
A within B		1.40	4.20			
			1000 grains weight, g			
GW322 (C)	45.13	1	43.32	1	44.23	1
HI1544 (C)	44.07	3	41.92	3	43.00	3
HI8713(d) (C)	42.30	4	39.53	4	40.92	4
GW513	44.62	2	42.73	2	43.67	2
HI1636	41.76	5	39.08	5	40.42	5
Mean	43.58		41.32		42.45	
	F. Test	SEm	CD (0.05)	CV (%)		
Sowing (A)	*	0.17	1.04	1.57		
Genotypes (B)	N.S.	1.00	3.00	5.78		
B within A	N.S.	1.42	4.24			
A within B		1.28	3.83			
Date of Sowing:		15.11.2020		3.12.2020		
Date of Harvesting:		19.03.2021		10.04.2021		

Table 4.2.2. Central Zone		IR-DOS-TAD		Gwalior		2020-21	
Genotypes	Sowing Time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	59.42	4	51.07	4	55.24	4	
HI1544 (C)	59.69	2	49.81	5	54.75	5	
HI8713(d) (C)	60.38	1	53.23	1	56.80	1	
GW513	58.68	5	52.39	3	55.54	3	
HI1636	59.42	3	52.77	2	56.10	2	
Mean	59.52		51.85		55.69		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.36	2.19	2.50			
Genotypes (B)	**	0.30	0.89	1.31			
B within A	**	0.42	1.26				
A within B		0.52	1.56				
Earhead/sqm							
GW322 (C)	344	4	327	4	336	4	
HI1544 (C)	377	2	319	5	348	3	
HI8713(d) (C)	394	1	354	1	374	1	
GW513	332	5	334	3	333	5	
HI1636	354	3	344	2	349	2	
Mean	360		336		348		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	1.64	9.95	1.82			
Genotypes (B)	**	5.01	15.01	3.52			
B within A	**	7.08	21.23				
A within B		6.54	19.61				
Grains/earhead							
GW322 (C)	42.93	3	42.16	1	42.55	1	
HI1544 (C)	40.42	4	41.95	2	41.18	3	
HI8713(d) (C)	33.93	5	33.96	5	33.94	5	
GW513	45.39	1	38.44	3	41.92	2	
HI1636	43.72	2	35.06	4	39.39	4	
Mean	41.28		38.32		39.80		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	0.76	4.62	7.39			
Genotypes (B)	**	0.84	2.52	5.18			
B within A	**	1.19	3.57				
A within B		1.31	3.92				
1000 grains weight, g							
GW322 (C)	40.29	2	37.14	5	38.71	4	
HI1544 (C)	39.37	3	37.35	4	38.36	5	
HI8713(d) (C)	45.20	1	44.29	1	44.74	1	
GW513	39.04	4	40.88	3	39.96	3	
HI1636	38.42	5	43.77	2	41.09	2	
Mean	40.46		40.68		40.57		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	0.55	3.37	5.29			
Genotypes (B)	**	0.67	2.00	4.03			
B within A	**	0.94	2.83				
A within B		1.01	3.03				
Date of Sowing:		18.11.2020		09.12.2020			
Date of Harvesting:		05.04.2020		10.04.2021			

Table 4.2.3. Central Zone		IR-DOS-TAD		Indore		2020-21	
Genotypes	Sowing Time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	46.33	4	45.23	5	45.78	4	
HI1544 (C)	48.53	3	49.37	3	48.95	3	
HI8713(d) (C)	50.60	1	51.27	2	50.93	2	
GW513	43.77	5	47.47	4	45.62	5	
HI1636	50.43	2	52.37	1	51.40	1	
Mean	47.93		49.14		48.54		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	0.23	1.39	1.83			
Genotypes (B)	**	0.71	2.13	3.59			
B within A	N.S.	1.01	3.01				
A within B		0.93	2.78				
Earhead/sqm							
GW322 (C)	290	3	323	3	306	3	
HI1544 (C)	334	2	341	2	338	2	
HI8713(d) (C)	257	5	315	5	286	5	
GW513	287	4	322	4	305	4	
HI1636	336	1	349	1	343	1	
Mean	301		330		315		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	2.52	15.31	3.09			
Genotypes (B)	**	3.98	11.92	3.09			
B within A	**	5.62	16.86				
A within B		5.62	16.86				
Grains/earhead							
GW322 (C)	37.44	2	40.14	2	38.79	2	
HI1544 (C)	31.93	4	39.62	3	35.78	3	
HI8713(d) (C)	40.32	1	40.87	1	40.59	1	
GW513	32.98	3	32.98	4	32.98	4	
HI1636	28.60	5	32.82	5	30.71	5	
Mean	34.25		37.29		35.77		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.19	1.17	2.09			
Genotypes (B)	**	0.69	2.06	4.71			
B within A	**	0.97	2.92				
A within B		0.89	2.67				
1000 grains weight, g							
GW322 (C)	42.77	5	34.90	5	38.83	5	
HI1544 (C)	45.57	4	36.50	4	41.03	4	
HI8713(d) (C)	48.97	2	39.93	3	44.45	3	
GW513	46.30	3	44.67	2	45.48	2	
HI1636	52.50	1	45.73	1	49.12	1	
Mean	47.22		40.35		43.78		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.15	0.92	1.34			
Genotypes (B)	**	0.27	0.82	1.53			
B within A	**	0.39	1.16				
A within B		0.38	1.13				
Date of Sowing	12.11.2020		03.12.2021				
Date of Harvesting	19.03.2021		19.04.2021				

Table 4.2.4. Central Zone		IR-DOS-TAD		Jabalpur		2020-21	
Genotypes	Sowing time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	44.41	2	42.45	2	43.43	2	
HI1544 (C)	38.26	5	36.71	5	37.48	5	
HI8713(d) (C)	47.49	1	43.07	1	45.28	1	
GW513	42.60	3	38.28	4	40.44	4	
HI1636	41.31	4	40.22	3	40.76	3	
Mean	42.81		40.15		41.48		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	0.23	1.42	2.18			
Genotypes (B)	**	0.52	1.55	3.06			
B within A	N.S.	0.73	2.20				
A within B		0.70	2.09				
Earhead/sqm							
GW322 (C)	430	2	322	3	376	2	
HI1544 (C)	393	5	308	5	351	5	
HI8713(d) (C)	471	1	367	1	419	1	
GW513	414	3	319	4	367	4	
HI1636	409	4	328	2	369	3	
Mean	423		329		376		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.76	4.62	0.78			
Genotypes (B)	**	2.52	7.54	1.64			
B within A	**	3.56	10.67				
A within B		3.27	9.81				
Grains/earhead							
GW322 (C)	24.46	2	31.42	1	27.94	1	
HI1544 (C)	24.14	3	31.13	2	27.63	3	
HI8713(d) (C)	22.12	5	26.26	5	24.19	5	
GW513	25.10	1	30.52	3	27.81	2	
HI1636	22.63	4	28.28	4	25.46	4	
Mean	23.69		29.52		26.61		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.23	1.38	3.29			
Genotypes (B)	**	0.50	1.51	4.65			
B within A	N.S.	0.71	2.14				
A within B		0.68	2.03				
1000 grains weight, g							
GW322 (C)	42.33	3	42.00	3	42.17	3	
HI1544 (C)	40.33	5	38.33	5	39.33	5	
HI8713(d) (C)	45.67	1	44.67	1	45.17	1	
GW513	41.00	4	39.33	4	40.17	4	
HI1636	44.67	2	43.33	2	44.00	2	
Mean	42.80		41.53		42.17		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	0.39	2.35	3.54			
Genotypes (B)	**	0.75	2.26	4.37			
B within A	N.S.	1.06	3.19				
A within B		1.03	3.08				
Date of Sowing:	15.11.2020		06.12.2020				
Date of Harvesting:	04.04.2021		12.04.2021				

Table 4.2.5. Central Zone		IR-DOS-TAD		Junagadh		2020-21	
Genotypes	Sowing Time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	65.10	1	55.32	1	60.21	1	
HI1544 (C)	63.23	3	50.60	3	56.92	3	
HI8713(d) (C)	55.11	5	49.80	4	52.46	5	
GW513	62.66	4	47.13	5	54.90	4	
HI1636	64.12	2	53.03	2	58.58	2	
Mean	62.04		51.18		56.61		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.62	3.78	4.25			
Genotypes (B)	N.S.	1.86	5.57	8.04			
B within A	N.S.	2.63	7.88				
A within B		2.43	7.29				
Earhead/sqm							
GW322 (C)	404	1	383	1	394	1	
HI1544 (C)	381	3	364	3	373	3	
HI8713(d) (C)	367	5	358	4	363	5	
GW513	374	4	357	5	366	4	
HI1636	396	2	380	2	388	2	
Mean	384		368		376		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	2.03	12.35	2.09			
Genotypes (B)	**	2.96	8.88	1.93			
B within A	N.S.	4.19	12.55				
A within B		4.26	12.77				
Grains/earhead							
GW322 (C)	33.07	3	31.91	1	32.49	2	
HI1544 (C)	34.81	2	30.93	3	32.87	1	
HI8713(d) (C)	31.64	4	31.73	2	31.68	4	
GW513	34.83	1	29.77	4	32.30	3	
HI1636	29.24	5	27.08	5	28.16	5	
Mean	32.72		30.28		31.50		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	0.34	2.09	4.21			
Genotypes (B)	*	1.04	3.13	8.12			
B within A	N.S.	1.48	4.43				
A within B		1.36	4.09				
1000 grains weight, g							
GW322 (C)	48.73	2	45.40	2	47.07	2	
HI1544 (C)	47.63	4	44.93	3	46.28	3	
HI8713(d) (C)	47.40	5	43.80	5	45.60	5	
GW513	48.13	3	44.33	4	46.23	4	
HI1636	55.47	1	51.60	1	53.53	1	
Mean	49.47		46.01		47.74		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.16	1.00	1.33			
Genotypes (B)	**	0.40	1.19	2.04			
B within A	N.S.	0.56	1.68				
A within B		0.53	1.58				
Date of Sowing:		13.11.2020		03.12.2020			
Date of Harvesting		10.03.2021		18.03.2021			

Table 4.2.6. Central Zone		IR-DOS-TAD		Powarkheda		2020-21	
Genotypes	Sowing Time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	40.56	4	36.29	5	38.42	5	
HI1544 (C)	39.68	5	37.91	4	38.80	4	
HI8713(d) (C)	48.34	1	42.02	1	45.18	1	
GW513	41.41	2	38.29	3	39.85	3	
HI1636	41.19	3	40.83	2	41.01	2	
Mean	42.23		39.07		40.65		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	0.62	3.74	5.86			
Genotypes (B)	**	0.72	2.14	4.31			
B within A	N.S.	1.01	3.03				
A within B		1.09	3.28				
Earhead/sqm							
GW322 (C)	448	4	387	5	418	4	
HI1544 (C)	433	5	394	4	414	5	
HI8713(d) (C)	463	2	428	2	445	2	
GW513	450	3	440	1	445	3	
HI1636	492	1	404	3	448	1	
Mean	457		411		434		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	6.54	39.82	5.84			
Genotypes (B)	**	7.16	21.47	4.04			
B within A	*	10.13	30.37				
A within B		11.18	33.51				
Grains/earhead							
GW322 (C)	20.06	2	19.98	3	20.02	3	
HI1544 (C)	19.24	3	23.01	2	21.13	2	
HI8713(d) (C)	20.17	1	23.17	1	21.67	1	
GW513	17.10	4	17.67	5	17.38	4	
HI1636	13.95	5	19.77	4	16.86	5	
Mean	18.10		20.72		19.41		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	0.44	2.70	8.84			
Genotypes (B)	**	0.70	2.09	8.78			
B within A	N.S.	0.98	2.95				
A within B		0.99	2.95				
1000 grains weight, g							
GW322 (C)	45.33	5	47.00	3	46.17	4	
HI1544 (C)	47.67	4	42.00	5	44.83	5	
HI8713(d) (C)	52.00	3	42.67	4	47.33	3	
GW513	54.00	2	49.33	2	51.67	2	
HI1636	60.33	1	51.67	1	56.00	1	
Mean	51.87		46.53		49.20		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	0.84	5.10	6.60			
Genotypes (B)	**	1.36	4.08	6.77			
B within A	N.S.	1.92	5.77				
A within B		1.91	5.74				
Date of Sowing:	20.11.2020		09.12.2020				
Date of Harvesting:	18.03.2021		01.04.2021				

Table 4.2.7. Central Zone		IR-DOS-TAD		Udaipur		2020-21	
Genotypes	Sowing Time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	34.78	5	37.77	4	36.28	5	
HI1544 (C)	40.87	3	32.64	5	36.75	4	
HI8713(d) (C)	47.57	1	41.48	3	44.52	2	
GW513	39.27	4	47.06	2	43.16	3	
HI1636	41.00	2	57.36	1	49.18	1	
Mean	40.70		43.26		41.98		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	1.19	7.23	10.96			
Genotypes (B)	**	1.75	5.25	10.21			
B within A	**	2.48	7.42				
A within B		2.51	7.53				
Earhead/sqm							
GW322 (C)	376	3	359	2	368	3	
HI1544 (C)	406	1	353	3	379	1	
HI8713(d) (C)	333	5	364	1	349	4	
GW513	399	2	346	4	373	2	
HI1636	346	4	343	5	345	5	
Mean	372		353		363		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	6.54	39.81	6.99			
Genotypes (B)	N.S.	8.93	26.79	6.04			
B within A	*	12.63	37.88				
A within B		13.06	39.15				
Grains/earhead							
GW322 (C)	21.30	4	29.08	3	25.19	4	
HI1544 (C)	22.72	3	25.84	5	24.28	5	
HI8713(d) (C)	29.77	1	26.93	4	28.35	2	
GW513	21.07	5	31.77	2	26.42	3	
HI1636	25.07	2	37.93	1	31.50	1	
Mean	23.99		30.31		27.15		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	0.49	2.97	6.97			
Genotypes (B)	**	1.08	3.23	9.73			
B within A	**	1.53	4.57				
A within B		1.45	4.34				
1000 grains weight, g							
GW322 (C)	43.28	5	36.22	5	39.75	5	
HI1544 (C)	44.32	4	36.34	4	40.33	4	
HI8713(d) (C)	48.32	1	42.45	3	45.39	2	
GW513	46.81	3	43.05	2	44.93	3	
HI1636	47.43	2	44.39	1	45.91	1	
Mean	46.03		40.49		43.26		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.26	1.58	2.32			
Genotypes (B)	**	0.25	0.75	1.41			
B within A	**	0.35	1.05				
A within B		0.41	1.22				
Date of Sowing:		12.11.2020		05.12.2020			
Date of Harvesting:		25.03.2021		04.04.2021			

Table 4.2.8. Central Zone		IR-DOS-TAD		Vijapur		2020-21	
Genotypes	Sowing Time				Mean	Rk	
	Normal	Rk	Late	Rk			
Yield, q/ha							
GW322 (C)	53.85	1	33.72	5	43.79	5	
HI1544 (C)	50.88	5	38.81	3	44.84	4	
HI8713(d) (C)	52.19	4	38.53	4	45.36	3	
GW513	52.69	2	48.17	1	50.43	1	
HI1636	52.35	3	44.63	2	48.49	2	
Mean	52.39		40.77		46.58		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	*	1.76	10.71	14.63			
Genotypes (B)	*	1.34	4.03	7.06			
B within A	**	1.90	5.69				
A within B		2.45	7.33				
Earhead/sqm							
GW322 (C)	303	2	295	2	299	2	
HI1544 (C)	300	4	280	3	290	3	
HI8713(d) (C)	294	5	275	4	285	4	
GW513	314	1	297	1	306	1	
HI1636	303	2	235	5	269	5	
Mean	303		276		290		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	6.14	37.36	8.21			
Genotypes (B)	N.S.	10.50	31.49	8.88			
B within A	N.S.	14.85	44.53				
A within B		14.63	43.87				
Grains/earhead							
GW322 (C)	41.38	1	36.52	5	38.95	2	
HI1544 (C)	36.29	2	40.01	3	38.15	3	
HI8713(d) (C)	32.96	4	37.82	4	35.39	5	
GW513	34.00	3	44.99	2	39.49	1	
HI1636	30.00	5	45.16	1	37.58	4	
Mean	34.93		40.90		37.91		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	N.S.	1.38	8.38	14.07			
Genotypes (B)	N.S.	2.52	7.56	16.30			
B within A	N.S.	3.57	10.70				
A within B		3.48	10.42				
1000 grains weight, g							
GW322 (C)	43.27	5	31.38	5	37.33	5	
HI1544 (C)	46.96	4	35.30	4	41.13	4	
HI8713(d) (C)	54.87	2	37.99	2	46.43	2	
GW513	49.56	3	36.18	3	42.87	3	
HI1636	57.56	1	42.52	1	50.04	1	
Mean	50.44		36.67		43.56		
	F. Test	SEm	CD (0.05)	CV (%)			
Sowing (A)	**	0.54	3.30	4.83			
Genotypes (B)	**	1.41	4.24	7.95			
B within A	N.S.	2.00	6.00				
A within B		1.87	5.60				
Date of Sowing:	13.11.2020			03.12.2020			
Date of Harvesting:	12.03.2021			23.04.2021			