

Table 4.1. Central Zone		IR-TS-DOS-TAD		Centrewise		Yield, q/ha		2023-24
Sowing time	Genotype	Bilaspur	Gwalior	Indore	Junagarh	Powarkheda	Udaipur	Zonal mean
Timely	GW 547 (I)(C)	44.03	42.10	46.27	53.02	51.82	44.92	47.03
	MACS 6768 (C)	48.13	51.46	44.47	48.80	49.82	59.17	50.31
	HI 1650 (C)	46.59	49.52	48.83	45.23	53.39	57.97	50.26
	HI 1669	48.86	41.71	50.13	44.24	49.22	64.96	49.85
	GW 322 (C)	51.59	52.72	46.00	57.34	57.03	61.51	54.36
	Mean	47.84	47.50	47.14	49.73	52.26	57.71	50.36
Late	GW 547 (I)(C)	37.58	37.38	42.43	43.84	37.55	45.44	40.70
	MACS 6768 (C)	40.54	41.80	45.60	39.83	45.93	45.83	43.25
	HI 1650 (C)	38.14	42.56	48.50	40.20	42.31	45.08	42.80
	HI 1669	40.74	39.28	50.63	41.69	39.71	50.40	43.74
	GW 322 (C)	43.80	43.29	44.00	42.67	44.66	48.18	44.43
	Mean	40.16	40.86	46.23	41.64	42.03	46.98	42.99
Mean	GW 547 (I)(C)	40.81	39.74	44.35	48.43	44.68	45.18	43.86
	MACS 6768 (C)	44.33	46.63	45.03	44.31	47.88	52.50	46.78
	HI 1650 (C)	42.36	46.04	48.67	42.71	47.85	51.53	46.53
	HI 1669	44.80	40.49	50.38	42.96	44.46	57.68	46.80
	GW 322 (C)	47.69	48.01	45.00	50.00	50.84	54.84	49.40
	Mean	44.00	44.18	46.69	45.68	47.14	52.35	46.67
CD (0.05)	Sowing time (A)	1.38	3.77	3.25	7.25	1.37	10.12	0.93
	Genotype (B)	2.69	3.81	2.03	3.06	1.28	7.22	1.23
	B within A	3.80	5.39	2.87	4.32	1.81	10.21	N.S.
	A within B	3.47	5.16	3.02	5.26	1.76	10.41	1.90
Date of Sowing:	Timely	11.11.2023	11.11.2023	10.11.2023	08.11.2023	11.11.2023	05.11.2023	
	Late	03.12.2023	09.12.2023	05.12.2023	04.12.2023	07.12.2023	03.12.2023	
Date of Harvesting:	Timely	11.03.2024	09.04.2024	18.03.2024	22.02.2024	15.04.2024	20.03.2024	
	Late	05.04.2024	12.04.2024	09.04.2024	12.03.2024	19.04.2024	06.04.2024	

**Table 4.2. Central Zone** **IR-TS-DOS-TAD** **Pooled** **2023-24**

Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	47.03	5	40.70	5	43.86	5
MACS 6768 (C)	50.31	2	43.25	3	46.78	3
HI 1650 (C)	50.26	3	42.80	4	46.53	4
HI 1669	49.85	4	43.74	2	46.80	2
GW 322 (C)	54.36	1	44.43	1	49.40	1
Mean	50.36		42.99		46.67	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.93		1.23		N.S.	1.90
<b>Earhead/sqm</b>						
GW 547 (I)(C)	379	4	342	4	360	4
MACS 6768 (C)	388	3	348	3	368	3
HI 1650 (C)	377	5	321	5	349	5
HI 1669	392	2	360	2	376	2
GW 322 (C)	405	1	368	1	386	1
Mean	388		348		368	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	5.54		6.14		8.68	9.88
<b>Grains/Earhead</b>						
GW 547 (I)(C)	29.32	5	31.8	5.0	30.6	5
MACS 6768 (C)	30.57	3	32.8	3.0	31.7	4
HI 1650 (C)	29.84	4	33.9	1.0	31.9	2
HI 1669	30.79	2	32.9	2.0	31.8	3
GW 322 (C)	32.18	1	32.6	4.0	32.4	1
Mean	30.54		32.8		31.7	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	1.21		N.S.		N.S.	1.88
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	43.82	2	38.8	3.0	41.3	3
MACS 6768 (C)	43.66	3	39.2	2.0	41.4	2
HI 1650 (C)	46.26	1	40.5	1.0	43.4	1
HI 1669	41.97	5	38.3	5.0	40.1	5
GW 322 (C)	43.17	4	38.4	4.0	40.8	4
Mean	43.77		39.0		41.4	
	Sowing (A)		Genotype (B)		B within A	A within B
CD (0.05)	0.45		0.50		0.71	0.81
Centres:	Bilaspur, Gwalior, Indore, Junagarh, Powarkheda, Udaipur					

<b>Table 4.2.1. Central Zone</b>		<b>IR-TS-DOS-TAD</b>			<b>Bilaspur</b>	<b>2023-24</b>
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	44.03	5	37.58	5	40.81	5
MACS 6768 (C)	48.13	3	40.54	3	44.33	3
HI 1650 (C)	46.59	4	38.14	4	42.36	4
HI 1669	48.86	2	40.74	2	44.80	2
GW 322 (C)	51.59	1	43.80	1	47.69	1
Mean	47.84		40.16		44.00	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	0.23	1.38	2.00	
Genotype (B)		**	0.90	2.69	5.00	
B within A		N.S.	1.27	3.80		
A within B			1.16	3.47		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	487	4	475	4	481	4
MACS 6768 (C)	512	3	480	2	496	3
HI 1650 (C)	473	5	432	5	452	5
HI 1669	524	2	476	3	500	2
GW 322 (C)	571	1	506	1	539	1
Mean	513		474		494	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	2.62	15.92	2.05	
Genotype (B)		**	2.93	8.78	1.45	
B within A		**	4.14	12.42		
A within B			4.54	13.60		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	29.43	2	28.5	2.0	28.9	2
MACS 6768 (C)	28.63	3	28.0	3.0	28.3	3
HI 1650 (C)	30.50	1	29.8	1.0	30.2	1
HI 1669	25.39	4	25.7	4.0	25.6	4
GW 322 (C)	22.71	5	23.4	5.0	23.0	5
Mean	27.33		27.1		27.2	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.63	3.86	9.03	
Genotype (B)		**	0.74	2.20	6.62	
B within A		N.S.	1.04	3.12		
A within B			1.13	3.37		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	30.77	5	27.8	5.0	29.3	5
MACS 6768 (C)	32.91	3	30.2	3.0	31.6	3
HI 1650 (C)	32.37	4	29.7	4.0	31.0	4
HI 1669	36.86	2	33.5	2.0	35.2	2
GW 322 (C)	39.80	1	37.1	1.0	38.5	1
Mean	34.54		31.7		33.1	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	0.34	2.05	3.95	
Genotype (B)		**	0.59	1.78	4.39	
B within A		N.S.	0.84	2.52		
A within B			0.82	2.47		
Date of Sowing		11.11.2023		03.12.2023		
Date of Harvesting		11.03.2024		05.04.2024		

<b>Table 4.2.2. Central Zone</b>		<b>IR-TS-DOS-TAD</b>			<b>Gwalior</b>	<b>2023-24</b>
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	42.10	4	37.38	5	39.74	5
MACS 6768 (C)	51.46	2	41.80	3	46.63	2
HI 1650 (C)	49.52	3	42.56	2	46.04	3
HI 1669	41.71	5	39.28	4	40.49	4
GW 322 (C)	52.72	1	43.29	1	48.01	1
Mean	47.50		40.86		44.18	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	0.62	3.77	5.43	
Genotype (B)		**	1.27	3.81	7.04	
B within A		N.S.	1.80	5.39		
A within B			1.72	5.16		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	368	4	327	5	347	5
MACS 6768 (C)	380	1	349	3	365	3
HI 1650 (C)	378	3	352	2	365	2
HI 1669	359	5	345	4	352	4
GW 322 (C)	379	2	360	1	370	1
Mean	373		347		360	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	1.56	9.48	1.68	
Genotype (B)		**	2.82	8.46	1.92	
B within A		*	3.99	11.96		
A within B			3.89	11.68		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	29.82	5	31.95	2	30.88	4
MACS 6768 (C)	33.04	1	31.00	4	32.02	2
HI 1650 (C)	30.22	4	31.53	3	30.87	5
HI 1669	31.49	3	32.84	1	32.17	1
GW 322 (C)	32.65	2	30.66	5	31.65	3
Mean	31.45		31.59		31.52	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.43	2.59	5.23	
Genotype (B)		N.S.	1.04	3.13	8.12	
B within A		N.S.	1.48	4.43		
A within B			1.39	4.16		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	38.40	4	35.87	4	37.13	4
MACS 6768 (C)	41.00	3	38.67	2	39.83	3
HI 1650 (C)	43.33	1	38.40	3	40.87	2
HI 1669	36.87	5	34.73	5	35.80	5
GW 322 (C)	42.60	2	39.20	1	40.90	1
Mean	40.44		37.37		38.91	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	0.17	1.02	1.66	
Genotype (B)		**	0.41	1.23	2.57	
B within A		N.S.	0.58	1.73		
A within B			0.54	1.63		
Date of Sowing	11.11.2023		09.12.2023			
Date of Harvesting	09.04.2024		12.04.2024			

<b>Table 4.2.3. Central Zone</b>		<b>IR-TS-DOS-TAD</b>			<b>Indore</b>	<b>2023-24</b>
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	46.27	3	42.43	5	44.35	5
MACS 6768 (C)	44.47	5	45.60	3	45.03	3
HI 1650 (C)	48.83	2	48.50	2	48.67	2
HI 1669	50.13	1	50.63	1	50.38	1
GW 322 (C)	46.00	4	44.00	4	45.00	4
Mean	47.14		46.23		46.69	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.53	3.25	4.42	
Genotype (B)		**	0.68	2.03	3.55	
B within A		N.S.	0.96	2.87		
A within B			1.01	3.02		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	291	3	327	3	309	3
MACS 6768 (C)	283	4	301	4	292	4
HI 1650 (C)	254	5	295	5	275	5
HI 1669	354	1	332	1	343	1
GW 322 (C)	301	2	329	2	315	2
Mean	296		317		307	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	7.74	47.08	9.77	
Genotype (B)		**	5.65	16.93	4.51	
B within A		**	7.98	23.94		
A within B			10.53	31.57		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	30.81	5	31.76	5.0	31.28	5
MACS 6768 (C)	32.49	3	39.50	3.0	35.99	4
HI 1650 (C)	36.29	1	38.83	4.0	37.56	2
HI 1669	31.47	4	44.22	1.0	37.85	1
GW 322 (C)	33.14	2	40.15	2.0	36.64	3
Mean	32.84		38.89		35.87	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	1.60	9.75	17.30	
Genotype (B)		**	0.84	2.51	5.72	
B within A		**	1.19	3.55		
A within B			1.92	5.76		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	51.77	2	40.90	2	46.33	2
MACS 6768 (C)	48.60	3	38.57	3	43.58	3
HI 1650 (C)	53.17	1	42.43	1	47.80	1
HI 1669	45.10	5	34.60	4	39.85	4
GW 322 (C)	46.23	4	33.33	5	39.78	5
Mean	48.97		37.97		43.47	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	0.43	2.63	3.85	
Genotype (B)		**	0.37	1.10	2.08	
B within A		N.S.	0.52	1.56		
A within B			0.64	1.91		
Date of Sowing		10.11.2023		05.12.2023		
Date of Harvesting		18.03.2024		09.04.2024		

Table 4.2.4. Central Zone		IR-TS-DOS-TAD			Jabalpur	2023-24
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	38.17	5	34.28	3	36.23	4
MACS 6768 (C)	42.90	2	35.16	2	39.03	3
HI 1650 (C)	47.57	1	30.76	5	39.17	2
HI 1669	39.72	4	32.58	4	36.15	5
GW 322 (C)	42.31	3	36.56	1.00	39.44	1
Mean	42.13		33.87		38.00	
<b>F. Test</b>						
Sowing (A)		**	0.35	CD (0.05)	2.12	CV (%)
Genotype (B)		N.S.	1.06		3.18	6.83
B within A		*	1.50		4.49	
A within B			1.38		4.15	
<b>Earhead/sqm</b>						
GW 547 (I)(C)	547	1	301	3	424	1
MACS 6768 (C)	431	2	280	4	356	3
HI 1650 (C)	402	4	262	5	332	5
HI 1669	343	5	346	2	345	4
GW 322 (C)	426	3	350	1	388	2
Mean	430		308		369	
<b>F. Test</b>						
Sowing (A)		**	4.32	CD (0.05)	26.31	CV (%)
Genotype (B)		**	4.81		14.43	3.20
B within A		**	6.81		20.40	
A within B			7.47		22.38	
<b>Grains/Earhead</b>						
GW 547 (I)(C)	17.00	5	26.63	4	21.82	5
MACS 6768 (C)	26.65	2	36.72	1	31.69	1
HI 1650 (C)	25.98	3	26.83	3	26.40	3
HI 1669	27.45	1	25.93	5	26.69	2
GW 322 (C)	24.39	4	28.23	2	26.31	4
Mean	24.30		28.87		26.58	
<b>F. Test</b>						
Sowing (A)		*	0.49	CD (0.05)	2.96	CV (%)
Genotype (B)		**	0.66		1.98	6.08
B within A		**	0.93		2.80	
A within B			0.97		2.90	
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	41.03	3	42.73	2	41.88	2
MACS 6768 (C)	37.41	5	34.23	5	35.82	5
HI 1650 (C)	45.65	1	43.79	1	44.72	1
HI 1669	42.16	2	36.30	4	39.23	3
GW 322 (C)	40.83	4	37.05	3	38.94	4
Mean	41.42		38.82		40.12	
<b>F. Test</b>						
Sowing (A)	(A)	*	0.33	CD (0.05)	2.01	CV (%)
Genotype (B)	(B)	**	0.58		1.73	3.53
B within A		**	0.82		2.45	
A within B			0.80		2.41	
Date of Sowing			11.11.2023		09.12.2023	
Date of Harvesting			22.03.2024		02.04.2024	

<b>Table 4.2.5. Central Zone</b>		<b>IR-TS-DOS-TAD</b>			<b>Junagarh</b>	<b>2023-24</b>
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	53.02	2	43.84	1	48.43	2
MACS 6768 (C)	48.80	3	39.83	5	44.31	3
HI 1650 (C)	45.23	4	40.20	4	42.71	5
HI 1669	44.24	5	41.69	3	42.96	4
GW 322 (C)	57.34	1	42.67	2.00	50.00	1
Mean	49.73		41.64		45.68	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	1.19	7.25	10.11	
Genotype (B)		**	1.02	3.06	5.46	
B within A		**	1.44	4.32		
A within B			1.76	5.26		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	366	3	309	2	337	2
MACS 6768 (C)	355	5	288	4	322	4
HI 1650 (C)	364	4	277	5	321	5
HI 1669	374	2	299	3	337	3
GW 322 (C)	385	1	324	1	355	1
Mean	369		300		334	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	5.25	31.96	6.08	
Genotype (B)		**	5.96	17.86	4.37	
B within A		N.S.	8.42	25.26		
A within B			9.18	27.54		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	31.15	2	36.04	2	33.60	2
MACS 6768 (C)	30.24	3	34.88	3	32.56	3
HI 1650 (C)	25.41	5	34.31	4	29.86	5
HI 1669	27.28	4	34.26	5	30.77	4
GW 322 (C)	38.06	1	38.44	1	38.25	1
Mean	30.43		35.59		33.01	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	1.24	7.56	14.57	
Genotype (B)		**	1.06	3.18	7.88	
B within A		N.S.	1.50	4.50		
A within B			1.83	5.49		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	46.55	2	39.44	4	43.00	2
MACS 6768 (C)	45.67	3	39.84	3	42.75	3
HI 1650 (C)	48.97	1	42.56	1	45.77	1
HI 1669	43.28	4	40.83	2	42.05	4
GW 322 (C)	39.16	5	34.24	5	36.70	5
Mean	44.73		39.38		42.05	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	0.71	4.31	6.52	
Genotype (B)		**	0.56	1.67	3.24	
B within A		N.S.	0.79	2.36		
A within B			1.00	2.99		
Date of Sowing		08.11.2023		04.12.2023		
Date of Harvesting		22.02.2024		12.03.2024		

<b>Table 4.2.6. Central Zone</b>		<b>IR-TS-DOS-TAD</b>			<b>Powarkheda</b>	<b>2023-24</b>
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	51.82	3	37.55	5	44.68	4
MACS 6768 (C)	49.82	4	45.93	1	47.88	2
HI 1650 (C)	53.39	2	42.31	3	47.85	3
HI 1669	49.22	5	39.71	4	44.46	5
GW 322 (C)	57.03	1	44.66	2.00	50.84	1
Mean	52.26		42.03		47.14	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	0.22	1.37	1.85	
Genotype (B)		**	0.43	1.28	2.22	
B within A		**	0.61	1.81		
A within B			0.59	1.76		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	362	4	344	4	353	4
MACS 6768 (C)	424	1	366	3	395	2
HI 1650 (C)	380	3	306	5	343	5
HI 1669	332	5	399	1	366	3
GW 322 (C)	405	2	386	2	396	1
Mean	381		360		371	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	3.47	21.13	3.63	
Genotype (B)		**	4.70	14.08	3.10	
B within A		**	6.64	19.91		
A within B			6.88	20.63		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	31.62	3	26.80	5	29.21	5
MACS 6768 (C)	27.08	5	31.92	2	29.50	4
HI 1650 (C)	28.39	4	33.22	1	30.80	3
HI 1669	37.72	1	27.16	4	32.44	1
GW 322 (C)	34.45	2	30.32	3	32.39	2
Mean	31.85		29.88		30.87	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.45	2.75	5.67	
Genotype (B)		**	0.65	1.96	5.19	
B within A		**	0.92	2.77		
A within B			0.94	2.82		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	45.33	2	40.73	2	43.03	2
MACS 6768 (C)	43.50	3	39.33	3	41.42	3
HI 1650 (C)	49.50	1	41.67	1	45.58	1
HI 1669	39.33	5	36.62	5	37.98	5
GW 322 (C)	41.00	4	38.17	4	39.58	4
Mean	43.73		39.30		41.52	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		**	0.08	0.50	0.77	
Genotype (B)		**	0.38	1.14	2.24	
B within A		**	0.54	1.61		
A within B			0.49	1.46		
Date of Sowing		11.11.2023		07.12.2023		
Date of Harvesting		15.04.2024		19.04.2024		



<b>Table 4.2.7. Central Zone</b>		<b>IR-TS-DOS-TAD</b>			<b>Udaipur</b>	<b>2023-24</b>
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	44.92	5	45.44	4	45.18	5
MACS 6768 (C)	59.17	3	45.83	3	52.50	3
HI 1650 (C)	57.97	4	45.08	5	51.53	4
HI 1669	64.96	1	50.40	1	57.68	1
GW 322 (C)	61.51	2	48.18	2.00	54.84	2
Mean	57.71		46.98		52.35	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	1.66	10.12	12.30	
Genotype (B)		*	2.41	7.22	11.27	
B within A		N.S.	3.41	10.21		
A within B			3.47	10.41		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	398	3	269	4	333	5
MACS 6768 (C)	373	5	303	2	338	3
HI 1650 (C)	411	2	262	5	336	4
HI 1669	412	1	308	1	360	1
GW 322 (C)	388	4	303	2	345	2
Mean	396		289		342	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	8.06	49.08	9.12	
Genotype (B)		N.S.	11.84	35.49	8.47	
B within A		N.S.	16.74	50.19		
A within B			17.01	50.99		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	23.11	5	35.76	1	29.43	5
MACS 6768 (C)	31.94	2	31.33	5	31.64	4
HI 1650 (C)	28.23	4	35.55	2	31.89	3
HI 1669	31.38	3	33.21	3	32.29	2
GW 322 (C)	32.07	1	32.96	4	32.52	1
Mean	29.35		33.76		31.55	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	1.85	11.24	22.67	
Genotype (B)		N.S.	1.97	5.91	15.30	
B within A		N.S.	2.79	8.36		
A within B			3.10	9.30		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	50.07	5	47.76	5	48.91	5
MACS 6768 (C)	50.27	2	48.73	2	49.50	2
HI 1650 (C)	50.20	4	48.47	3	49.33	3
HI 1669	50.36	1	49.52	1	49.94	1
GW 322 (C)	50.23	3	48.42	4	49.32	4
Mean	50.23		48.58		49.40	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.55	3.37	4.34	
Genotype (B)		N.S.	0.74	2.21	3.65	
B within A		N.S.	1.04	3.12		
A within B			1.08	3.25		
Date of Sowing		05.11.2023		03.12.2023		
Date of Harvesting		20.03.2024		06.04.2024		

Table 4.2.8. Central Zone		IR-TS-DOS-TAD			Vizapur	2023-24
Genotype	Date of Sowing				Mean	Rk
	Timely	Rk	Late	Rk		
<b>Yield, q/ha</b>						
GW 547 (I)(C)	37.85	5	35.53	4	36.69	5
MACS 6768 (C)	47.63	1	43.47	1	45.55	1
HI 1650 (C)	39.25	3	39.52	2	39.39	2
HI 1669	38.90	4	39.45	3	39.18	3
GW 322 (C)	40.67	2	33.55	5.00	37.11	4
Mean	40.86		38.30		39.58	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.94	5.73	9.22	
Genotype (B)		*	1.95	5.85	12.06	
B within A		N.S.	2.76	8.27		
A within B			2.64	7.91		
<b>Earhead/sqm</b>						
GW 547 (I)(C)	361	4	383	2	372	3
MACS 6768 (C)	412	1	407	1	410	1
HI 1650 (C)	326	5	342	5	334	5
HI 1669	368	3	365	4	367	4
GW 322 (C)	389	2	373	3	381	2
Mean	371		374		373	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	12.53	76.26	13.02	
Genotype (B)		*	15.17	45.47	9.97	
B within A		N.S.	21.45	64.31		
A within B			22.92	68.70		
<b>Grains/Earhead</b>						
GW 547 (I)(C)	20.84	5	21.58	5	21.21	5
MACS 6768 (C)	23.30	3	26.73	1	25.02	1
HI 1650 (C)	24.55	1	23.69	2	24.12	2
HI 1669	21.64	4	22.99	4	22.31	4
GW 322 (C)	23.42	2	23.23	3	23.33	3
Mean	22.75		23.64		23.20	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		N.S.	0.71	4.30	11.79	
Genotype (B)		N.S.	1.82	5.45	19.20	
B within A		N.S.	2.57	7.71		
A within B			2.41	7.21		
<b>1000 Grains Weight, g</b>						
GW 547 (I)(C)	50.75	1	43.28	3	47.01	3
MACS 6768 (C)	50.15	2	41.30	4	45.73	4
HI 1650 (C)	49.19	4	49.60	1	49.40	1
HI 1669	49.54	3	47.47	2	48.50	2
GW 322 (C)	44.94	5	38.43	5	41.69	5
Mean	48.91		44.02		46.47	
		F. Test	SEm	CD (0.05)	CV (%)	
Sowing (A)		*	0.57	3.49	4.78	
Genotype (B)		**	1.38	4.14	7.28	
B within A		N.S.	1.95	5.86		
A within B			1.84	5.51		
Date of Sowing	10.11.2023		05.12.2023			
Date of Harvesting	05.03.2024		19.03.2024			