

Table 5.1. Peninsular Zone**IR-TAS-DOS****Pooled 2019-20**

Genotypes	Sowing time		Sowing time		V. Late	Rk	Mean	Rk
	Normal	Rk	Late	Rk				
Yield, q/ha								
DDW 48	36.28	7	35.54	6	30.11	7	33.98	7
DDW 49	37.00	5	32.68	9	25.88	9	31.85	9
HI 1633	37.61	3	35.85	5	31.85	3	35.10	2
MACS 6478 (c)	40.66	1	36.59	2	27.84	8	35.03	3
MACS 6222 (c)	35.46	8	34.32	8	30.31	6	33.36	8
MACS 3949 (d)(c)	34.69	9	36.26	3	32.15	2	34.37	5
UAS 428 (d)(c)	36.37	6	36.16	4	30.35	5	34.29	6
RAJ 4083 (c)	37.42	4	34.86	7	31.35	4	34.54	4
HD 2932 (c)	38.81	2	36.86	1	33.23	1	36.30	1
Mean	37.14		35.46		30.34		34.31	
CD (0.05)	Sowing (A) 1.19		Genotype (B) 1.67		B within A 2.88		A within B 2.95	
Earheads/sqm								
DDW 48	335	4	333	3	328	5	332	3
DDW 49	341	3	337	1	330	2	336	1
HI 1633	319	6	331	4	329	4	326	5
MACS 6478 (c)	344	2	330	5	334	1	336	2
MACS 6222 (c)	319	5	318	9	313	9	316	9
MACS 3949 (d)(c)	316	8	327	7	330	3	324	6
UAS 428 (d)(c)	344	1	329	6	317	7	330	4
RAJ 4083 (c)	312	9	319	8	320	6	317	8
HD 2932 (c)	317	7	333	2	314	8	322	7
Mean	328		329		324		327	
CD (0.05)	Sowing (A) N.S.		Genotype (B) 9.71		B within A N.S.		A within B N.S.	
Grains/Earhead								
DDW 48	29.30	7	27.93	9	23.51	6	26.91	7
DDW 49	29.45	5	28.31	8	22.40	9	26.72	8
HI 1633	30.27	4	28.95	6	25.73	3	28.31	5
MACS 6478 (c)	32.92	1	31.92	1	22.64	8	29.16	2
MACS 6222 (c)	29.43	6	31.18	2	26.62	2	29.08	3
MACS 3949 (d)(c)	26.16	9	29.18	5	24.80	4	26.71	9
UAS 428 (d)(c)	27.13	8	30.56	4	23.32	7	27.00	6
RAJ 4083 (c)	31.28	3	30.99	3	24.03	5	28.77	4
HD 2932 (c)	31.94	2	28.56	7	27.93	1	29.48	1
Mean	29.77		29.73		24.55		28.02	
CD (0.05)	Sowing (A) 1.28		Genotype (B) 1.70		B within A 2.95		A within B 3.05	
1000 Grains Weight, g								
DDW 48	39.79	7	40.74	2	41.91	4	40.82	3
DDW 49	39.20	8	36.89	7	36.79	9	37.63	9
HI 1633	40.61	3	39.60	4	40.33	5	40.18	5
MACS 6478 (c)	38.68	9	36.84	8	39.40	8	38.31	8
MACS 6222 (c)	40.01	6	36.26	9	39.61	6	38.63	7
MACS 3949 (d)(c)	42.86	1	40.91	1	42.58	3	42.12	1
UAS 428 (d)(c)	41.49	2	38.83	5	43.82	1	41.38	2
RAJ 4083 (c)	40.61	4	38.07	6	42.80	2	40.49	4
HD 2932 (c)	40.06	5	40.24	3	39.59	7	39.97	6
Mean	40.37		38.71		40.76		39.95	
CD (0.05)	Sowing (A) 0.56		Genotype (B) 0.60		B within A 1.05		A within B 1.12	
Centres:	Dharwad, Niphad, Pune							

Table 5.1.1. Peninsular Zone

Genotypes	Sowing time		IR-TAS-DOS		Dharwad		2019-20	
	Normal	Rk	Late	Rk	V. Late	Rk	Mean	Rk
Yield, q/ha								
DDW 48	36.22	3	35.19	4	32.68	4	34.70	3
DDW 49	35.64	7	34.32	7	26.58	9	32.18	9
HI 1633	35.94	5	33.44	8	33.78	1	34.39	5
MACS 6478 (c)	39.52	1	35.79	3	27.89	8	34.40	4
MACS 6222 (c)	35.46	8	36.71	2	33.57	2	35.25	2
MACS 3949 (d)(c)	31.86	9	34.84	5	33.09	3	33.26	8
UAS 428 (d)(c)	36.64	2	42.22	1	32.51	6	37.12	1
RAJ 4083 (c)	35.83	6	34.60	6	32.54	5	34.32	6
HD 2932 (c)	36.19	4	33.31	9	32.42	7	33.97	7
Mean	35.92		35.60		31.67		34.40	
Sowing (A)	F. Test *		S.E.m		CD (0.05)		CV (%)	
Genotypes (B)	N.S.		1.09		4.29		16.51	
B within A	N.S.		1.23		3.50		10.73	
A within B			2.13		6.06			
			2.29		6.86			
Earheads/sqm								
DDW 48	212	7	222	2	237	2	224	2
DDW 49	221	3	216	8	238	1	225	1
HI 1633	224	2	220	5	218	7	221	6
MACS 6478 (c)	220	5	221	4	227	4	223	4
MACS 6222 (c)	211	8	222	1	215	9	216	9
MACS 3949 (d)(c)	232	1	211	9	226	5	223	3
UAS 428 (d)(c)	221	3	219	6	217	8	219	7
RAJ 4083 (c)	211	8	219	7	226	6	219	8
HD 2932 (c)	216	6	222	2	227	3	222	5
Mean	219		219		226		221	
Sowing (A)	F. Test *		S.E.m		CD (0.05)		CV (%)	
Genotypes (B)	N.S.		1.36		5.32		3.18	
B within A	*		2.94		8.37		3.99	
A within B			5.10		14.50			
			4.99		14.97			
Grains/Earhead								
DDW 48	42.22	3	38.73	7	33.43	5	38.13	5
DDW 49	38.29	7	40.59	6	32.15	7	37.01	8
HI 1633	39.25	5	38.11	8	36.92	2	38.09	6
MACS 6478 (c)	44.97	1	41.71	5	31.25	8	39.31	3
MACS 6222 (c)	38.34	6	41.74	4	39.72	1	39.93	1
MACS 3949 (d)(c)	30.20	9	41.78	3	35.64	3	35.87	9
UAS 428 (d)(c)	37.72	8	46.47	1	32.41	6	38.87	4
RAJ 4083 (c)	43.26	2	44.64	2	30.80	9	39.56	2
HD 2932 (c)	42.20	4	35.56	9	34.25	4	37.34	7
Mean	39.61		41.04		34.06		38.23	
Sowing (A)	F. Test *		S.E.m		CD (0.05)		CV (%)	
Genotypes (B)	N.S.		1.18		4.62		15.99	
B within A	**		1.48		4.21		11.61	
A within B			2.56		7.29			
			2.69		8.06			
1000 Grains Weight, g								
DDW 48	40.49	6	41.11	3	41.97	3	41.19	4
DDW 49	42.26	4	39.01	7	34.91	9	38.73	9
HI 1633	41.03	5	39.84	4	41.82	5	40.90	6
MACS 6478 (c)	40.03	7	38.84	8	39.47	7	39.45	8
MACS 6222 (c)	43.83	3	39.64	5	39.26	8	40.91	5
MACS 3949 (d)(c)	45.38	1	39.52	6	41.04	6	41.98	2
UAS 428 (d)(c)	43.99	2	41.61	2	46.33	2	43.98	1
RAJ 4083 (c)	39.29	9	35.42	9	46.78	1	40.50	7
HD 2932 (c)	39.72	8	42.24	1	41.87	4	41.28	3
Mean	41.78		39.69		41.49		40.99	
Sowing (A)	F. Test **		S.E.m		CD (0.05)		CV (%)	
Genotypes (B)	**		0.22		0.86		2.76	
B within A	**		0.39		1.11		2.85	
A within B	**		0.67		1.92			
			0.67		2.01			
Date of Sowing:			18.11.2019		28.11.2019		16.12.2019	
Date of Harvesting:			15.03.2020		20.03.2020		10.04.2020	

PZ-DOS

Annexure-I

Table 5.1.2. Peninsular Zone			IR-TAS-DOS		Niphad		2019-20	
Genotypes	Sowing time		V. Late	Rk	Rk	Rk	Mean	Rk
	Normal	Rk						
Yield, q/ha								
DDW 48	44.39	6	42.37	3	37.15	2	41.30	4
DDW 49	44.40	5	39.64	9	35.44	7	39.83	8
HI 1633	44.03	8	41.73	5	36.14	6	40.63	6
MACS 6478 (c)	44.53	4	40.50	7	35.25	8	40.09	7
MACS 6222 (c)	43.44	9	40.47	8	34.72	9	39.54	9
MACS 3949 (d)(c)	44.37	7	43.10	2	39.74	1	42.40	2
UAS 428 (d)(c)	45.05	3	41.77	4	37.08	3	41.30	5
RAJ 4083 (c)	46.73	2	40.53	6	36.68	5	41.32	3
HD 2932 (c)	47.67	1	46.07	1	36.69	4	43.48	1
Mean	44.96		41.80		36.54		41.10	
F. Test		SEm		CD (0.05)		CV (%)		
Sowing (A)	**	0.09		0.34		1.09		
Genotypes (B)	**	0.64		1.83		4.69		
B within A	N.S.	1.11		3.17				
A within B		1.05		3.16				
Earheads/sqm								
DDW 48	409	3	390	9	395	5	398	5
DDW 49	389	6	413	1	387	8	396	6
HI 1633	390	5	399	3	411	1	400	3
MACS 6478 (c)	403	4	394	7	400	4	399	4
MACS 6222 (c)	376	8	391	8	373	9	380	9
MACS 3949 (d)(c)	350	9	396	6	406	3	384	8
UAS 428 (d)(c)	414	2	398	4	390	6	401	2
RAJ 4083 (c)	416	1	407	2	409	2	411	1
HD 2932 (c)	384	7	397	5	388	7	390	7
Mean	392		398		395		395	
F. Test		SEm		CD (0.05)		CV (%)		
Sowing (A)	N.S.	2.12		8.32		2.79		
Genotypes(B)	**	4.36		12.40		3.31		
B within A	**	7.55		21.48				
A within B		7.43		22.28				
Grains/Earhead								
DDW 48	25.30	8	25.84	4	24.10	4	25.08	6
DDW 49	29.79	3	25.26	6	23.22	8	26.09	4
HI 1633	26.79	7	24.37	8	20.88	9	24.01	9
MACS 6478 (c)	30.45	2	26.35	3	23.39	7	26.73	2
MACS 6222 (c)	31.12	1	27.19	1	24.35	3	27.55	1
MACS 3949 (d)(c)	28.99	4	24.63	7	24.65	1	26.09	5
UAS 428 (d)(c)	24.82	9	25.27	5	23.52	5	24.54	8
RAJ 4083 (c)	27.29	6	22.95	9	23.45	6	24.56	7
HD 2932 (c)	27.90	5	26.52	2	24.54	2	26.32	3
Mean	28.05		25.38		23.57		25.66	
F. Test		SEm		CD (0.05)		CV (%)		
Sowing (A)	**	0.14		0.55		2.86		
Genotypes (B)	**	0.52		1.48		6.08		
B within A	*	0.90		2.56				
A within B		0.86		2.58				
1000 Grains Weight, g								
DDW 48	42.89	4	42.10	5	39.11	5	41.37	5
DDW 49	38.35	7	38.00	9	39.47	4	38.61	7
HI 1633	42.14	5	42.96	4	42.19	1	42.43	2
MACS 6478 (c)	36.35	9	39.02	7	37.73	9	37.70	9
MACS 6222 (c)	37.21	8	38.12	8	38.25	8	37.86	8
MACS 3949 (d)(c)	43.88	2	44.20	1	39.70	3	42.59	1
UAS 428 (d)(c)	43.82	3	41.54	6	40.47	2	41.94	4
RAJ 4083 (c)	41.22	6	43.44	3	38.27	7	40.98	6
HD 2932 (c)	44.47	1	43.82	2	38.57	6	42.28	3
Mean	41.15		41.47		39.30		40.64	
F. Test		SEm		CD (0.05)		CV (%)		
Sowing (A)	**	0.09		0.36		1.17		
Genotypes(B)	**	0.21		0.59		1.52		
B within A	**	0.36		1.01				
A within B		0.35		1.04				
Date of Sowing:			10.11.2019	02.12.2019		18.12.2019		
Date of Harvesting:			20.03.2020	15.04.2020		28.04.2020		

PZ-DOS

Annexure-I

Table 5.1.3. Peninsular Zone			IR-TAS-DOS		Pune	2019-20		
Genotypes	Sowing time		Late	Rk	V. Late	Rk	Mean	Rk
	Normal	Rk						
Yield, q/ha								
DDW 48	28.22	6	29.06	6	20.51	7	25.93	6
DDW 49	30.95	4	24.07	9	15.61	9	23.54	9
HI 1633	32.85	2	32.38	2	25.64	2	30.29	3
MACS 6478 (c)	37.92	1	33.49	1	20.38	8	30.60	2
MACS 6222 (c)	27.48	8	25.78	7	22.65	5	25.30	7
MACS 3949 (d)(c)	27.86	7	30.83	4	23.61	4	27.43	5
UAS 428 (d)(c)	27.41	9	24.49	8	21.45	6	24.45	8
RAJ 4083 (c)	29.70	5	29.44	5	24.84	3	27.99	4
HD 2932 (c)	32.56	3	31.21	3	30.59	1	31.45	1
Mean	30.55		28.97		22.81		27.44	
	F. Test		SEm		CD (0.05)		CV (%)	
Sowing (A)	**		0.39		1.52		7.31	
Genotypes (B)	**		1.14		3.23		12.41	
B within A	*		1.97		5.59			
A within B			1.89		5.68			
Earheads/sqm								
DDW 48	383	4	388	1	353	5	375	3
DDW 49	415	1	382	2	367	2	388	1
HI 1633	342	8	375	4	357	3	358	6
MACS 6478 (c)	410	2	375	4	377	1	387	2
MACS 6222 (c)	370	5	340	8	350	6	353	8
MACS 3949 (d)(c)	365	6	373	6	357	3	365	5
UAS 428 (d)(c)	398	3	370	7	345	7	371	4
RAJ 4083 (c)	310	9	330	9	325	9	322	9
HD 2932 (c)	352	7	382	2	328	8	354	7
Mean	372		368		351		364	
	F. Test		SEm		CD (0.05)		CV (%)	
Sowing (A)	*		3.31		13.00		4.73	
Genotypes(B)	**		9.04		25.71		7.46	
B within A	N.S.		15.66		44.52			
A within B			15.13		45.35			
Grains/Earhead								
DDW 48	20.38	5	19.23	8	13.00	8	17.53	8
DDW 49	20.28	6	19.07	9	11.84	9	17.06	9
HI 1633	24.76	2	24.36	4	19.39	2	22.83	2
MACS 6478 (c)	23.34	3	27.71	1	13.27	7	21.44	4
MACS 6222 (c)	18.84	9	24.61	3	15.80	4	19.75	5
MACS 3949 (d)(c)	19.29	7	21.13	6	14.12	5	18.18	6
UAS 428 (d)(c)	18.86	8	19.93	7	14.04	6	17.61	7
RAJ 4083 (c)	23.31	4	25.38	2	17.83	3	22.17	3
HD 2932 (c)	25.73	1	23.61	5	25.00	1	24.78	1
Mean	21.64		22.78		16.03		20.15	
	F. Test		SEm		CD (0.05)		CV (%)	
Sowing (A)	**		0.40		1.56		10.24	
Genotypes (B)	**		0.95		2.70		14.16	
B within A	*		1.65		4.68			
A within B			1.60		4.81			
1000 Grains Weight, g								
DDW 48	36.00	8	39.00	1	44.67	2	39.89	3
DDW 49	37.00	6	33.67	6	36.00	9	35.56	9
HI 1633	38.67	5	36.00	3	37.00	8	37.22	6
MACS 6478(c)	39.67	2	32.67	8	41.00	6	37.78	5
MACS 6222(c)	39.00	4	31.00	9	41.33	5	37.11	7
MACS 3949 (d)(c)	39.33	3	39.00	1	47.00	1	41.78	1
UAS 428 (d)(c)	36.67	7	33.33	7	44.67	2	38.22	4
RAJ 4083 (c)	41.33	1	35.33	4	43.33	4	40.00	2
HD 2932 (c)	36.00	8	34.67	5	38.33	7	36.33	8
Mean	38.19		34.96		41.48		38.21	
	F. Test		SEm		CD (0.05)		CV (%)	
Sowing (A)	**		0.09		0.36		1.17	
Genotypes(B)	**		0.21		0.59		1.52	
B within A	**		0.36		1.01			
A within B			0.35		1.04			
Date of Sowing:			10.11.2019		02.12.2019		18.12.2019	
Date of Harvesting:			20.03.2020		15.04.2020		28.04.2020	

Table 5.2. Peninsular Zone**RIR-TS-TAS****Pooled****2019-20**

Genotypes	Irrigation levels						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
NIDW 1149	21.63	1	25.07	1	26.92	3	24.54	1
HI 1605 (c)	19.18	3	20.82	5	23.74	6	21.25	6
AKDW2997-16 (d)(c)	19.80	2	21.43	3	24.49	5	21.91	4
UAS446 (d)(c)	19.02	5	21.73	2	27.39	2	22.72	2
NIAW 3170 (c)	19.05	4	20.87	4	28.04	1	22.66	3
HI 8805 (d)(c)	18.91	6	19.86	6	25.47	4	21.41	5
Mean	19.60		21.63		26.01		22.41	
	Irrigation (A)		Genotype (B)		B within A		A within B	
CD (0.05)	1.78		1.79		N.S.		N.S.	
Earheads/sqm								
NIDW 1149	191	6	265	5	311	3	256	6
HI 1605 (c)	235	2	293	1	325	1	285	1
AKDW2997-16 (d)(c)	205	4	280	4	311	4	265	4
UAS446 (d)(c)	224	3	285	3	303	6	270	3
NIAW 3170 (c)	238	1	287	2	305	5	277	2
HI 8805 (d)(c)	196	5	248	6	323	2	256	5
Mean	215		276		313		268	
	Irrigation (A)		Genotype (B)		B within A		A within B	
CD (0.05)	5.14		16.72		N.S.		N.S.	
Grains/Earhead								
NIDW 1149	28.52	1	23.27	1	21.78	4	24.52	1
HI 1605 (c)	22.75	5	19.95	6	20.12	6	20.94	6
AKDW2997-16 (d)(c)	26.92	2	21.18	2	22.22	3	23.44	2
UAS446 (d)(c)	24.15	4	20.87	3	24.59	1	23.20	3
NIAW 3170 (c)	21.35	6	20.05	5	24.41	2	21.94	5
HI 8805 (d)(c)	25.10	3	20.50	4	21.07	5	22.22	4
Mean	24.80		20.97		22.37		22.71	
	Irrigation (A)		Genotype (B)		B within A		A within B	
CD (0.05)	2.05		N.S.		N.S.		N.S.	
1000 Grains Weight, g								
NIDW 1149	40.32	1	44.18	1	44.09	1	42.86	1
HI 1605 (c)	36.27	6	37.76	6	39.46	6	37.83	6
AKDW2997-16 (d)(c)	36.84	4	39.35	3	39.67	5	38.62	4
UAS446 (d)(c)	36.82	5	38.23	5	39.91	4	38.32	5
NIAW 3170 (c)	38.10	3	38.72	4	40.63	3	39.15	3
HI 8805 (d)(c)	38.88	2	40.67	2	42.77	2	40.77	2
Mean	37.87		39.82		41.09		39.59	
	Irrigation (A)		Genotype (B)		B within A		A within B	
CD (0.05)	0.58		0.68		1.17		1.21	
Centres:	Dharwad, Niphad, Pune							

Table 5.2.1. Peninsular Zone

RIR-TS-TAS

Dharwad

2019-20

Genotypes	Irrigation levels						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
NIDW 1149	23.88	3	27.87	1	28.46	5	26.74	4
HI 1605 (c)	20.80	6	22.85	4	28.04	6	23.90	6
AKDW 2997-16 (d)(c)	25.66	1	25.88	2	31.43	4	27.66	1
UAS 446 (d)(c)	25.06	2	22.26	5	35.41	1	27.58	2
NIAW 3170 (c)	22.39	4	23.33	3	34.69	2	26.80	3
HI 8805 (d)(c)	22.10	5	20.63	6	33.38	3	25.37	5
Mean	23.31		23.80		31.90		26.34	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		1.17		4.60		18.88	
Genotypes (B)	N.S.		1.41		4.06		16.02	
B within A	N.S.		2.44		7.04			
A within B			2.51		7.26			
Earheads/sqm								
NIDW 1149	225	1	217	4	230	2	224	1
HI 1605 (c)	219	3	214	5	226	4	220	5
AKDW 2997-16 (d)(c)	214	5	221	2	224	6	220	6
UAS 446 (d)(c)	216	4	220	3	232	1	223	2
NIAW 3170 (c)	222	2	214	5	227	3	221	4
HI 8805 (d)(c)	212	6	226	1	226	5	221	3
Mean	218		219		228		221	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.74		2.92		1.43	
Genotypes (B)	N.S.		1.73		5.01		2.35	
B within A	*		3.00		8.67			
A within B			2.84		8.20			
Grains/Earhead								
NIDW 1149	28.58	4	29.90	1	28.08	6	28.85	5
HI 1605 (c)	26.63	5	28.08	2	28.49	5	27.73	6
AKDW 2997-16 (d)(c)	33.22	2	27.49	3	32.77	4	31.16	2
UAS 446 (d)(c)	34.45	1	25.21	5	36.07	1	31.91	1
NIAW 3170 (c)	25.87	6	26.39	4	35.78	2	29.34	3
HI 8805 (d)(c)	29.88	3	23.34	6	33.90	3	29.04	4
Mean	29.77		26.73		32.51		29.67	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		1.45		5.67		20.67	
Genotypes (B)	N.S.		1.64		4.74		16.58	
B within A	N.S.		2.84		8.20			
A within B			2.97		8.57			
1000 Grains Weight, g								
NIDW 1149	37.37	2	43.07	1	44.34	1	41.59	1
HI 1605 (c)	35.27	4	38.12	6	43.44	3	38.94	5
AKDW 2997-16 (d)(c)	36.09	3	42.77	2	42.92	4	40.59	3
UAS 446 (d)(c)	33.35	6	40.34	4	42.38	6	38.69	6
NIAW 3170 (c)	39.10	1	41.22	3	42.64	5	40.99	2
HI 8805 (d)(c)	34.93	5	39.01	5	43.61	2	39.18	4
Mean	36.02		40.75		43.22		40.00	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.48		1.87		5.05	
Genotypes (B)	**		0.44		1.28		3.32	
B within A	**		0.77		2.21			
A within B			0.85		2.44			
Date of Sowing:					12.11.2019			
Date of Harvesting:	05.03.2020		08.03.2020		15.03.2020			

Table 5.2.2 Peninsular Zone

Genotypes	Irrigation levels						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
NIDW 1149	19.50	1	24.09	1	28.15	1	23.91	1
HI 1605 (c)	15.81	2	19.25	5	21.70	4	18.92	4
AKDW 2997-16 (d)(c)	14.25	5	16.81	6	21.59	5	17.55	6
UAS 446 (d)(c)	15.53	3	21.94	2	25.78	2	21.08	2
NIAW 3170 (c)	13.16	6	20.31	3	23.76	3	19.08	3
HI 8805 (d)(c)	15.39	4	19.44	4	20.39	6	18.40	5
Mean	15.61		20.30		23.56		19.82	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		1.17		4.61		25.11	
Genotypes (B)	**		1.13		3.25		17.05	
B within A	N.S.		1.95		5.64			
A within B			2.13		6.16			
Earheads/sqm								
NIDW 1149	165	5	378	1	470	1	338	1
HI 1605 (c)	196	1	313	5	422	5	310	4
AKDW 2997-16 (d)(c)	157	6	359	4	426	3	314	3
UAS 446 (d)(c)	183	2	368	3	422	4	324	2
NIAW 3170 (c)	176	3	369	2	377	6	307	5
HI 8805 (d)(c)	173	4	294	6	452	2	306	6
Mean	175		347		428		317	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		2.59		10.18		3.47	
Genotypes (B)	**		4.82		13.93		4.57	
B within A	**		8.35		24.12			
A within B			8.05		23.26			
Grains/Earhead								
NIDW 1149	30.02	1	16.00	2	14.04	3	20.02	1
HI 1605 (c)	21.63	5	15.60	3	12.99	4	16.74	5
AKDW 2997-16 (d)(c)	26.10	2	12.08	6	12.85	5	17.01	4
UAS 446 (d)(c)	21.81	4	15.35	4	15.51	2	17.56	2
NIAW 3170 (c)	20.34	6	13.92	5	15.51	1	16.59	6
HI 8805 (d)(c)	24.57	3	16.91	1	11.02	6	17.50	3
Mean	24.08		14.98		13.66		17.57	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		1.30		5.11		31.41	
Genotypes (B)	N.S.		1.27		3.66		21.63	
B within A	N.S.		2.19		6.34			
A within B			2.39		6.90			
1000 Grains Weight, g								
NIDW 1149	39.26	1	40.13	1	42.60	1	40.67	1
HI 1605 (c)	37.21	3	39.51	3	39.60	4	38.77	5
AKDW 2997-16 (d)(c)	35.44	6	38.94	5	39.41	5	37.93	6
UAS 446 (d)(c)	38.78	2	38.68	6	39.35	6	38.93	3
NIAW 3170 (c)	36.54	5	39.60	2	40.93	2	39.02	2
HI 8805 (d)(c)	36.72	4	39.00	4	40.70	3	38.81	4
Mean	37.32		39.31		40.43		39.02	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	**		0.27		1.05		2.89	
Genotypes (B)	**		0.45		1.31		3.48	
B within A	N.S.		0.78		2.26			
A within B			0.76		2.21			
Date of Sowing:					22.11.2019			
Date of Harvesting:	10.03.2020		19.03.2020		26.03.2020			

Table 5.2.3 Peninsular Zone

RIR-TS-TAS

Pune 2019-20

Genotypes	Irrigation levels						Mean	Rk
	Zero	Rk	One	Rk	Two	Rk		
Yield, q/ha								
NIDW 1149	21.51	2	23.25	1	24.14	2	22.97	1
HI 1605 (c)	20.94	3	20.36	4	21.49	4	20.93	3
AKDW 2997-16 (d)(c)	19.48	4	21.59	2	20.47	6	20.51	4
UAS 446 (d)(c)	16.49	6	21.00	3	20.99	5	19.49	6
NIAW 3170 (c)	21.61	1	18.98	6	25.68	1	22.09	2
HI 8805 (d)(c)	19.24	5	19.51	5	22.64	3	20.47	5
Mean	19.88		20.78		22.57		21.08	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.49		1.94		9.93	
Genotypes (B)	**		0.63		1.81		8.90	
B within A	*		1.08		3.13			
A within B			1.11		3.19			
Earheads/sqm								
NIDW 1149	183	6	200	6	233	6	206	6
HI 1605 (c)	290	2	353	1	327	1	323	1
AKDW 2997-16 (d)(c)	245	4	260	4	283	4	263	4
UAS 446 (d)(c)	272	3	268	3	253	5	264	3
NIAW 3170 (c)	317	1	278	2	310	2	302	2
HI 8805 (d)(c)	204	5	223	5	292	3	240	5
Mean	252		264		283		266	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		4.21		16.53		6.71	
Genotypes (B)	**		17.10		49.39		19.27	
B within A	N.S.		29.62		85.55			
A within B			27.37		79.04			
Grains/Earhead								
NIDW 1149	26.95	1	23.92	2	23.21	1	24.69	1
HI 1605 (c)	20.00	4	16.18	6	18.89	5	18.36	6
AKDW 2997-16 (d)(c)	21.44	2	23.97	1	21.03	4	22.15	2
UAS 446 (d)(c)	16.19	6	22.04	3	22.20	2	20.15	3
NIAW 3170 (c)	17.83	5	19.84	5	21.94	3	19.87	5
HI 8805 (d)(c)	20.85	3	21.24	4	18.29	6	20.13	4
Mean	20.55		21.20		20.93		20.89	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	N.S.		0.46		1.81		9.38	
Genotypes (B)	N.S.		1.55		4.49		22.32	
B within A	N.S.		2.69		7.77			
A within B			2.50		7.22			
1000 Grains Weight, g								
NIDW 1149	44.33	2	49.33	1	45.33	1	46.33	1
HI 1605 (c)	36.33	6	35.67	4	35.33	6	35.78	6
AKDW 2997-16 (d)(c)	39.00	3	36.33	3	36.67	5	37.33	4
UAS 446 (d)(c)	38.33	5	35.67	4	38.00	4	37.33	4
NIAW 3170 (c)	38.67	4	35.33	6	38.33	3	37.44	3
HI 8805 (d)(c)	45.00	1	44.00	2	44.00	2	44.33	2
Mean	40.28		39.39		39.61		39.76	
	F. Test		SEm		CD (0.05)		CV (%)	
Irrigation (A)	*		0.13		0.50		1.37	
Genotypes (B)	**		0.35		1.00		2.62	
B within A	**		0.60		1.74			
A within B			0.56		1.63			
Date of Sowing:					13.11.2019			
Date of Harvesting:			08.03.2020		12.03.2020		19.03.2020	