

Table	NWPZ		POOLED				2019-20	
	IR-TS-Malt-N levels x Varieties							
Varieties	N (Kg ha ⁻¹)							
	60		90		120		Mean	
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.
Yield, q/ha								
DWRB182	42.47	5	46.81	6	46.50	6	45.26	6
DWRB101(c)	44.12	3	49.51	3	48.56	5	47.40	4
RD2849(c)	45.47	2	48.76	5	49.46	3	47.90	2
DWRB123(c)	43.95	4	49.24	4	48.64	4	47.27	5
DWRB160(I)	42.42	6	50.16	2	50.80	2	47.79	3
BH 946(c)	46.73	1	52.90	1	54.38	1	51.34	1
MEAN	44.19		49.56		49.72		47.83	
CD (0.05)	N(A)		Varieties (B)		B within A		A within B	
	0.85		1.13		1.96		1.97	
Earhead/ m²								
DWRB182	417	3	433	5	444	4	431	3
DWRB101(c)	436	1	443	2	445	3	441	2
RD2849(c)	432	2	443	1	456	1	444	1
DWRB123(c)	413	4	440	3	440	5	431	4
DWRB160(I)	408	5	436	4	446	2	430	5
BH 946(c)	393	6	406	6	418	6	406	6
MEAN	417		433		442		430	
CD (0.05)	N (A)		Varieties (B)		B within A		A within B	
	6.75		7.53		NS		NS	
Grains/Earhead								
DWRB182	25.08	5	26.56	6	26.76	6	26.13	6
DWRB101(c)	24.88	6	27.37	5	27.28	3	26.51	5
RD2849(c)	26.32	2	27.59	3	27.49	2	27.13	2
DWRB123(c)	26.13	3	27.58	4	26.97	4	26.89	3
DWRB160(I)	25.48	4	27.89	2	26.95	5	26.77	4
BH 946(c)	45.17	1	46.62	1	46.09	1	45.96	1
MEAN	28.84		30.60		30.26		29.90	
CD (0.05)	N (A)		Varieties (B)		B within A		A within B	
	0.62		0.91		NS		NS	
1000 Grain Weight, g								
DWRB182	45.67	5	47.21	5	46.74	5	46.54	5
DWRB101(c)	50.02	3	49.53	4	50.20	3	49.92	3
RD2849(c)	48.97	4	49.86	3	49.27	4	49.37	4
DWRB123(c)	51.43	2	52.42	2	52.29	2	52.05	2
DWRB160(I)	58.63	1	58.71	1	58.49	1	58.61	1
BH 946(c)	42.02	6	43.87	6	43.19	6	43.03	6
MEAN	49.46		50.27		50.03		49.92	
CD (0.05)	N (A)		Varieties (B)		B within A		A within B	
	0.87		1.28		NS		NS	

Centres: Agra, Durgapura, Ludhiana, Hisar, Karnal

Centrewise yield tables

Table 2.1 NORTH WESTERN PLAINS ZONE Agra 2019-20
IR-TS-Malt-N levels X Variety

Varieties	Nitrogen Levels, kg/ha						Mean	
	60		90		120		Yld.	Rk.
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.		
	Yield, kg/ha							
DWRB182	39.11	6	44.93	6	46.81	6	43.62	6
DWRB101(c)	46.01	3	51.88	3	52.75	3	50.21	3
RD2849(c)	47.11	2	53.07	2	55.34	2	51.84	2
DWRB123(c)	45.22	5	50.16	5	51.66	5	49.01	5
DWRB160(I)	45.42	4	50.45	4	52.16	4	49.34	4
BH 946(c)	52.57	1	57.85	1	59.25	1	56.56	1
MEAN	45.91		51.39		52.99		50.10	
	F. Test		S.E.m		C.D.		C.V.(%)	
Nitrozen levels (A)	**		0.18		0.72		1.56	
Varieties (B)	**		0.76		2.15		4.55	
B within A	N.S.		1.32		3.73			
A within B			1.22		3.45			
Date of Sowing:	23.11.19		Date of Harvesting:		03.04.20			

Table 2.1 NORTH WESTERN PLAINS ZONE Durgapura 2019-20
IR-TS-Malt-N levels X Variety

Varieties	Nitrogen Levels, kg/ha						Mean	
	60		90		120		Yld.	Rk.
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.		
	Yield, kg/ha							
DWRB182	42.38	6	50.83	6	51.17	6	48.13	6
DWRB101(c)	50.45	2	53.94	4	51.73	5	52.04	4
RD2849(c)	46.97	3	54.99	3	56.11	2	52.69	3
DWRB123(c)	46.27	5	52.95	5	54.34	4	51.19	5
DWRB160(I)	46.37	4	57.80	2	55.46	3	53.21	2
BH 946(c)	53.33	1	59.00	1	63.33	1	58.56	1
MEAN	47.63		54.92		55.36		52.64	
	F. Test		S.E.m		C.D.		C.V.(%)	
Nitrozen levels (A)	**		0.93		3.63		7.46	
Varieties (B)	**		0.87		2.46		4.94	
B within A	N.S.		1.50		4.26			
A within B			1.65		4.69			
Date of Sowing:	16-11-19		Date of Harvesting:		28-03-20			

Table 2.2 NORTH WESTERN PLAINS ZONE Hisar 2019-20
IR-TS-Malt-N levels X Variety

Varieties	Nitrogen Levels, kg/ha						Mean	
	60		90		120		Yld.	Rk.
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.		
	Yield, kg/ha							
DWRB182	45.63	2	45.37	5	45.57	6	45.52	5
DWRB101(c)	41.54	5	49.67	2	48.55	4	46.58	3
RD2849(c)	47.09	1	47.02	3	51.98	2	48.70	2
DWRB123(c)	39.68	6	43.45	6	46.16	5	43.10	6
DWRB160(I)	43.25	4	45.57	4	49.80	3	46.21	4
BH 946(c)	45.50	3	52.12	1	52.78	1	50.13	1
MEAN	43.78		47.20		49.14		46.71	
	F. Test		S.E.m		C.D.		C.V.(%)	
Nitrogen levels (A)	*		0.74		2.89		6.69	
Varieties (B)	**		0.69		1.95		4.42	
B within A	**		1.19		3.38			
A within B			1.31		3.73			
Date of Sowing:21.11.19 Date of Harvesting: 06.04.20								

Table 2.3 NORTH WESTERN PLAINS ZONE Ludhiana 2019-20
IR-TS-Malt-N levels X Variety

Varieties	Nitrogen Levels, kg/ha						Mean	
	60		90		120		Yld.	Rk.
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.		
	Yield, kg/ha							
DWRB182	51.39	1	51.92	2	52.89	1	52.06	1
DWRB101(c)	45.69	3	46.94	4	46.94	5	46.53	4
RD2849(c)	42.5	5	44.17	6	42.22	6	42.96	6
DWRB123(c)	46.94	2	53.75	1	47.50	4	49.40	2
DWRB160(I)	33.19	6	46.39	5	51.67	3	43.75	5
BH 946(c)	44.03	4	51.11	3	52.75	2	49.30	3
MEAN	43.96		49.05		49.00		47.33	
	F. Test		S.E.m		C.D.		C.V.(%)	
Nitrogen levels (A)	**		0.18		0.72		1.56	
Varieties (B)	**		0.76		2.15		4.55	
B within A	N.S.		1.32		3.73			
A within B			1.22		3.45			
Date of Sowing:03.11.19 Date of Harvesting:								

Table 2.4 **NORTH WESTERN PLAINS ZONE** **Karnal** **2019-20**
IR-TS-Malt-N levels X Variety

Varieties	Nitrogen Levels, kg/ha							
	60		90		120		Mean	
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.
	Yield, kg/ha							
DWRB182	33.82	6	41.02	6	36.07	6	36.97	6
DWRB101(c)	36.92	5	45.13	3	42.85	4	41.63	5
RD2849(c)	43.69	2	44.55	4	41.64	5	43.30	3
DWRB123(c)	41.64	3	45.86	2	43.52	3	43.68	2
DWRB160(I)	43.87	1	50.59	1	44.90	1	46.45	1
BH 946(c)	38.22	4	44.40	5	43.79	2	42.14	4
MEAN	39.69		45.26		42.13		42.36	
	F. Test		S.E.m		C.D.		C.V.(%)	
N levels (A)	**		0.41		1.62		4.14	
Varieties (B)	**		0.98		2.77		6.91	
B within A	N.S.		1.69		4.79			
A within B			1.60		4.53			
Date of Sowing:12.11.19			Date of Harvesting: 08.04.20					