

**Table 1** AVT (Malt) NWPZ POOLED 2022-23  
N levels (Kg ha<sup>-1</sup>) x Varieties

Code/Varieties	60	90	120	Mean				
	Yld.	Rk.	Yld.	Rk.	Yld.	Rk.		
<b>Yield, q/ha</b>								
V1	45.21	3	48.80	4	50.75	3	48.25	4
V2	45.96	2	49.53	3	52.90	1	49.46	1
V3	45.21	4	49.63	2	51.39	2	48.74	3
V4	46.42	1	49.68	1	50.21	4	48.77	2
V5	44.30	5	48.41	5	47.28	5	46.66	5
MEAN	45.42		49.21		50.51		48.38	
CD (0.05)	N(A)	Varieties (B)		B within A		A within B		
	0.91	0.85		1.58		1.64		
<b>Earhead/ m<sup>2</sup></b>								
V1	391	2	412	3	419	3	407	3
V2	380	4	388	4	404	4	391	4
V3	390	3	428	1	438	1	419	2
V4	367	5	380	5	385	5	377	5
V5	413	1	421	2	428	2	421	1
MEAN	388		406		415		403	
CD (0.05)	N(A)	Varieties (B)		B within A		A within B		
	6.73	7.29		12.6		13.1		
<b>Grains/Earhead</b>								
V1	27.56	4	28.73	4	28.41	4	28.24	4
V2	28.85	2	29.38	2	29.84	2	29.36	2
V3	28.59	3	27.55	5	26.98	5	27.71	5
V4	40.55	1	41.47	1	42.61	1	41.54	1
V5	27.56	5	29.25	3	29.14	3	28.65	3
MEAN	30.62		31.28		31.40		31.10	
CD (0.05)	N (A)	Varieties (B)		B within A		A within B		
	0.81	NS		NS		1.69		
<b>1000 Grain Weight, g</b>								
V1	49.46	3	49.65	3	50.57	3	49.90	3
V2	51.97	1	53.39	1	53.62	1	52.99	1
V3	49.53	2	50.13	2	51.55	2	50.40	2
V4	48.53	4	49.25	4	48.37	4	48.72	4
V5	46.05	5	47.25	5	46.69	5	46.66	5
MEAN	49.11		49.94		50.16		49.73	
CD (0.05)	N (A)	Varieties (B)		B within A		A within B		
	1.04	NS		NS		1.97		

Durgapura, Hisar, Karnal, Ludhiana

## Centre wise yield tables

Table 1.1 Response of new genotypes to Nitrogen levels					Yield(q/ha)		Durgapura	
N Levels, kg/ha								
Varieties	60	Rank	90	Rank	N120	Rank	Mean	Rank
V1	47.17	5	53.85	5	55.24	4	52.09	5
V2	54.23	1	59.9	1	64.23	1	59.46	1
V3	47.27	4	58.70	2	56.36	3	54.11	2
V4	47.87	3	55.89	3	57.01	2	53.59	3
V5	51.35	2	54.84	4	52.63	5	52.94	4
MEAN	49.58		56.64		57.09		54.44	
	F. Test		S.E.m		C.D.(0.05)		C.V.(%)	
N levels (A)	**		0.77		3.04		5.51	
Varieties(B)	**		0.88		2.56		4.83	
B within A	N.S.		1.52		4.43			
A within B			1.56		4.56			
Hisar								
Varieties	45	Rank	60	Rank	75	Rank	Mean	Rank
V1	44.06	3	49.38	1	49.21	2	47.55	2
V2	45.13	2	48.60	2	50.51	1	48.08	1
V3	41.95	4	47.72	4	47.92	3	45.86	4
V4	46.67	1	48.22	3	47.38	4	47.42	3
V5	41.83	5	46.16	5	45.72	5	44.57	5
MEAN	43.93		48.02		48.15		46.70	
	F. Test		S.E.m		C.D.(0.05)		C.V.(%)	
N levels (A)	*		0.61		2.39		5.05	
Varieties(B)	*		0.82		2.40		5.28	
B within A	N.S.		1.42		4.16			
A within B			1.41		4.12			
Karnal								
Varieties	45	Rank	60	Rank	75	Rank	Mean	Rank
V1	52.24	2	50.80	4	54.30	4	52.45	2
V2	48.88	4	51.00	2	54.46	3	51.45	4
V3	50.75	3	50.89	3	55.06	2	52.23	3
V4	59.54	1	56.41	1	55.55	1	57.17	1
V5	47.30	5	45.78	5	42.23	5	45.10	5
MEAN	51.74		50.98		52.32		51.68	
	F. Test		S.E.m		C.D.(0.05)		C.V.(%)	
N levels (A)	N.S.		0.59		2.30		4.39	
Varieties(B)	**		0.58		1.68		3.35	
B within A	**		1.00		2.91			
A within B			1.07		3.12			

<b>Ludhiana</b>								
Varieties	45	Rank	60	Rank	75	Rank	Mean	Rank
V1	37.38	2	41.14	3	44.26	3	40.93	3
V2	35.60	4	38.59	4	42.40	4	38.87	4
V3	40.88	1	41.19	2	46.22	2	42.76	2
V4	31.59	5	38.19	5	40.90	5	36.89	5
V5	36.72	3	46.85	1	48.55	1	44.04	1
MEAN	36.44		41.19		44.46		40.70	
	F. Test		S.E.m		C.D.		C.V.(%)	
N levels (A)	**		0.75		2.96		7.17	
Varieties(B)	**		0.81		2.35		5.94	
B within A	N.S.		1.40		4.08			
A within B			1.46		4.26			