

Table 1 Mean squares of various plant traits in a 7×7 diallel cross under normal and heat stress conditions of *Triticum aestivum* L.

Source(Normal)	DF	Plant height	Peduncle length	Tillers per plant	100-grain weight	Grain yield per plant
Replication	2	11.57*	5.19 <sup>NS</sup>	0.63 <sup>NS</sup>	0.019 <sup>NS</sup>	1.44 <sup>NS</sup>
Genotypes	48	10.53**	7.84**	1.45**	0.12**	10.65**
Error	96	2.82	2.73	0.26	0.03	1.37
Mean		91.42	20.29	7.11	4.43	18.64
CV %		3.73	8.15	7.16	4.14	6.28
Source(H.Stress)	DF	Plant height	Peduncle length	Tillers per plant	100-grain weight	Grain yield per plant
Replication	2	6.054 <sup>NS</sup>	2.70 <sup>NS</sup>	0.046 <sup>NS</sup>	0.035 <sup>NS</sup>	0.174 <sup>NS</sup>
Genotypes	48	19.99**	7.45**	0.893**	0.515**	3.057**
Error	96	2.96	1.10	0.231	0.045	0.156
Mean		61.95	12.53	3.71	3.07	5.63
CV %		2.78	8.37	12.97	6.92	7.03