Table 3 Estimates of range, mean, variability, heritability, genetic advance as a percentage of mean for yielding traits and phenotypic correlation with grain yield

Traits	Locations	Estimates						R_{gy}
		Range	Mean	PCV	GCV	h^2_{bs} (%)	GA	
	CZ	26	74	5.75	5.33	86	10.31	− 0.48**
	NEPZ	12	81	3.34	2.60	60	14.20	− 0.10
Days to heading	NWPZ	24	92	5.46	5.22	91	20.40	− 0.12
	PZ	34	60	11.42	10.76	89	21.35	− 0.58**
	CZ	11	146	6.54	6.53	98	19.44	− 0.27
	NEPZ	15	123	2.57	1.96	61	11.09	− 0.16
Days to maturity	NWPZ	12	144	1.82	1.49	67	12.51	− 0.43**
	PZ	25	98	4.20	3.65	75	9.58	− 0.44**
	CZ	48	85	9.68	9.39	94	19.31	− 0.24
	NEPZ	17	81	5.16	4.86	89	19.44	− 0.18
Plant height (cm)	NWPZ	38	92	7.80	7.39	90	14.59	− 0.20
	PZ	32	66	7.44	7.36	98	15.38	− 0.36*
	CZ	11	43	6.07	5.72	89	11.06	0.15
	NEPZ	16	43	6.22	6.00	93	11.98	0.37*
Thousand grains weight (g)	NWPZ	12	42	6.38	5.70	80	10.52	0.21
	PZ	15	33	10.50	10.12	93	19.76	0.41*
	CZ	11	23	8.96	8.39	88	16.33	-
Grain yield (q/ha)	NEPZ	12	19	12.23	10.09	70	9.94	-
	NWPZ	10	28	7.43	6.82	84	12.74	-
	PZ	13	19	12.56	11.94	90	23.50	-

Where, h^2_{bs} = Heritability in broad sense, PCV= Phenotypic coefficient of variation, GCV = Genotypic coefficient of variation, GA = Genetic advance as per cent of mean, Range = (Highest – Lowest), R_{gy} = Phenotypic correlation with grain yield, *,** Significant at 5 and 1% probability level respectively.