

Table1 Genotypic correlation for different characters in very high plant density (D₁: 30 cm × 20 cm)

Characters	DFF	LAF	LI	DI	FWI	NR	LR	NSB	TCC	PC	Grain yield per plant
PH	-0.299	-0.273	0.122	0.757**	0.316	-0.002	-0.149	-0.014	-0.093	-0.105	0.181
DFF		0.293	-0.254	-0.411	-0.277	-0.023	-0.399	-0.414	-0.314	-0.531	-0.281
LAF			0.273	-0.312	0.219	0.411	0.086	0.135	0.402	-0.149	0.332
LI				0.388	0.820**	0.411	-0.132	0.589	0.216	0.159	0.694*
DI					0.614	0.044	-0.033	0.342	0.147	0.015	0.346
FWI						0.427	-0.074	0.636*	0.142	0.034	0.817**
NR							-0.174	0.159	0.226	-0.131	0.466
LR								0.330	0.688*	0.152	0.085
NSB									-0.143	0.557	0.515
TCC										-0.137	0.347
PC											-0.064

Note: *Significance at 5 per cent level; **Significance at 1 per cent level; PH: Plant height; DFF: Days to 50 per cent flowering; LAF: Leaf area at 50 per cent flowering; LI: Length of the primary inflorescence; DI: Diameter of the inflorescence; FWI: Fresh weight of the inflorescence; NR: Number of rachis per inflorescence; LR: Length of the rachis per inflorescence; NSB: Number of secondary branches per inflorescence; TCC: Total carbohydrates content; PC: Protein content