

Table 2 Genotypic correlation for different characters in high plant density (D₂: 30 cm×20 cm)

Characters	DFF	LAF	LI	DI	FWI	NR	LR	NSB	TCC	PC	Grain yield per plant
PH	-0.016	0.251	0.496	0.380	0.596	-0.139	-0.354	0.354	0.119	-0.090	0.499
DFF		0.248	-0.137	-0.411	-0.287	-0.022	-0.535	-0.430	-0.375	-0.510	-0.583
LAF			0.193	-0.241	0.310	0.466	-0.319	-0.162	0.434	-0.113	0.177
LI				0.318	0.666*	0.060	-0.015	0.558	0.145	-0.042	0.375
DI					0.552	-0.397	0.101	0.557	-0.127	0.014	0.364
FWI						0.101	-0.158	0.648*	0.217	0.041	0.624
NR							0.198	0.046	0.279	0.225	0.301
LR								0.276	-0.093	0.430	0.235
NSB									-0.184	0.549	0.415
TCC										-0.094	0.311
PC											0.131

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