

Table 4 Genotypic correlation for different characters in low plant density (D₄:45 cm × 30 cm)

Characters	DFF	LAF	LI	DI	FWI	NR	LR	NSB	TCC	PC	Grain yield per plant
PH	-0.260	0.234	0.284	0.363	0.384	0.017	0.083	0.286	0.337	0.095	0.526
DFF		0.284	-0.215	-0.329	-0.066	0.084	-0.558	-0.220	-0.330	-0.491	-0.358
LAF			0.130	-0.076	0.526	0.143	-0.241	0.010	0.440	-0.186	0.351
LI				0.499	0.574	-0.173	0.224	0.437	0.020	0.055	0.466
DI					0.513	0.069	0.370	0.528	0.005	-0.257	0.547
FWI						-0.192	0.001	0.701*	0.188	-0.060	0.652**
NR							-0.012	-0.273	0.260	-0.316	0.088
LR								0.386	-0.323	0.422	0.056
NSB									-0.240	0.237	0.519
TCC										-0.109	0.348
PC											-0.111

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