

Table 3 Genotypic correlation for different characters in normal plant density (D₃: 45 cm × 20 cm)

Characters	DFF	LAF	LI	DI	FWI	NR	LR	NSB	TCC	PC	Grain yield per plant
PH	-0.108	0.188	0.728*	0.528	0.830**	-0.075	-0.075	0.716*	0.061	0.052	0.687*
DFF		0.264	-0.130	-0.143	-0.226	-0.245	0.653	-0.207	-0.343	-0.575	-0.383
LAF			0.075	-0.106	0.268	0.063	-0.197	0.072	0.373	-0.152	0.206
LI				0.577	0.638*	-0.141	0.258	0.525	0.003	0.152	0.326
DI					0.421	0.051	0.240	0.285	-0.029	-0.182	0.198
FWI						-0.005	0.097	0.808**	0.109	0.175	0.783**
NR							0.163	-0.194	0.222	-0.294	0.375
LR								0.180	-0.056	0.485	0.009
NSB									-0.229	0.380	0.623
TCC										-0.113	0.289
PC											0.056

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