

Table 2 Phenotypic correlation coefficients among agronomic and root traits in F₂ population

	PH ^a	TN	PL	LB	TGW	YPP	RL	FRW	DRW	DSW	RT
PH	1										
TN	0.069	1									
PL	0.322 **	0.272**	1								
LB	-0.065	0.154	0.029	1							
TGW	0.343 **	0.249*	0.411**	0.052	1						
YPP	0.472 **	0.622**	0.536**	0.180	0.571**	1					
RL	-0.163	-0.086	-0.106	-0.192	-0.179	0.279**	1				
FRW	0.099	0.404**	0.274**	-0.019	-0.096	0.232*	0.255*	1			
DRW	0.135	0.390**	0.239*	0.007	-0.091	0.269**	0.204*	0.844**	1		
DSW	0.305 **	0.464**	0.284**	0.073	0.032	0.368**	0.031	0.636**	0.725**	1	
RT	0.004	0.251*	0.002	-0.175	-0.085	0.000	0.224*	0.350**	0.346**	0.272**	1

Note: *Significant at 5%, ** Significant at 1% level; PH: Plant height; TN: Effective no of tillers/plant; PL: Panicle length; LB: Length/breadth ratio; TGW: 1 000 grain weight; YPP: Yield per plant; RL: Root length; FRW: Fresh root weight; DRW: Dry root weight; DSW: Dry shoot weight; RT: Root thickness