

Table 2 Pearson correlation coefficients among 10 traits in BC₃F₁ population

Trait	1000-GW	GN	GNP	SN	SNP	SSP	PPN	SD	GY
GN	-0.088								
GNP	-0.085	0.659 ^{***}							
SN	-0.148 [*]	0.855 ^{***}	0.543 ^{***}						
SNP	-0.128 [*]	0.565 ^{***}	0.954 ^{***}	0.588 ^{***}					
SSP	0.051	0.458 ^{***}	0.348 ^{***}	0.006	0.064				
PPN	-0.116	-0.106	0.536 ^{***}	-0.184 ^{**}	0.546 ^{***}	0.235			
SD	-0.235 ^{***}	0.817 ^{***}	0.435 ^{***}	0.913 ^{***}	0.466 ^{***}	0.031	-0.232 ^{***}		
GY	0.243 ^{***}	0.936 ^{***}	0.615 ^{***}	0.795 ^{***}	0.504 ^{***}	0.487 ^{***}	-0.128 [*]	0.696 ^{***}	
GYP	0.133 [*]	0.689 ^{***}	0.888 ^{***}	0.538 ^{***}	0.813 ^{***}	0.419 ^{***}	0.564 ^{***}	0.418 ^{***}	0.726 ^{***}

Abbreviations of the trait listed in this table are the same as table one

Marked with one asterisk * means significance at P<0.05 level; two asterisk** means significance at P<0.01 level; three asterisk*** means significance at P<0.001 level