

Table 8 Association of yield attributing traits with genetic components and heterosis in 30 hybrids

Traits	GCA/Yield	SCA/Yield	GD/F <sub>1</sub> Yield	GD/RH	GD/BPH	GD/SH (SV <sub>1</sub> )	GD/SH (SV <sub>2</sub> )	GD/SH (SV <sub>3</sub> )
DF	0.645**	-0.002	0.180	0.160	0.206	0.180	0.180	0.180
PH	0.624**	0.017	0.310*	0.182	0.095	0.310*	0.310*	0.309**
PBT	0.829**	0.077	0.572**	0.602**	0.574**	0.572**	0.572**	0.566**
FLA	0.803**	0.036	0.342*	0.204	0.056	0.342*	0.342*	0.342*
PL	0.851**	-0.039	0.480**	0.355*	0.422*	0.480**	0.480**	0.480**
PW	0.767**	-0.019	0.565**	0.616**	0.536**	0.565**	0.565**	0.565**
S/P	0.774**	0.006	0.639**	0.639**	0.522**	0.639**	0.639**	0.639**
SF	0.780**	0.110	0.496**	0.425**	0.485**	0.496**	0.496**	0.496**
TW	0.831**	0.051	0.587**	0.502**	0.355*	0.587**	0.587**	0.586**
BY	0.936**	0.092	0.555**	0.528**	0.504**	0.555**	0.555**	0.555**
HI	0.292	0.055	0.327*	0.278	0.380*	0.327**	0.307*	0.327*
GY	0.964**	0.171	0.637**	0.663**	0.641**	0.638*	0.638**	0.638**
KL	0.624**	0.025	0.416*	0.380*	0.397*	0.416*	0.416*	0.416*
KB	0.150	0.080	0.067	0.032	0.020	0.067	0.067	0.067
LBR	0.272	-0.064	0.249	0.142	0.123	0.247	0.247	0.247

Note: \*, \*\*: Significant at 5 and 1 per cent probability levels, respectively