

Table 2 Variance due to general and specific combining ability for different quantitative character

Sl. No.	Characters	Variance due to GCA	Variance due to SCA	GCA/SCA
1	Plant height (cm)	11.49800	6463.54050	0.00275
2	No. of sympodia	0.01625	123.35975	0.00000
3	No. of bolls	0.91925	343.62825	0.00275
4	Mean boll weight (g)	0.01025	1.65775	0.00675
5	Seed index (g)	0.03150	17.79225	0.00175
6	Ginning outturn (%)	0.12650	94.93500	0.00100
7	Lint index (g)	0.01050	6.56300	0.00150
8	Seed cotton yield (kg/ha)	21916.52625	1165676.92500	0.01700