

Table 1 Top double cross derived lines for GCA effects with respect to fruit yield and its component traits

Characters	Top parents	Mean	GCA effects
Days to first flowering (d)	12	45.00	-0.38*
Days to 50% flowering (d)	22	48.00	-1.06*
Plant height (cm)	6	208.00	5.65*
No. of branches	13	3.40	0.307**
Internodal length (cm)	37	8.10	-1.03**
Fruit length (cm)	5	17.94	0.92*
Fruit diameter (cm)	2	1.72	-0.188
No. of seeds/fruit	37	54.30	3.458*
100-seed weight (g)	2	8.53	0.236**
No. of fruits	37	32.10	1.185**
Fruit weight (g)	18	17.80	0.981**
Fruit yield/plant	18	570.68	27.92**
Fruit yield/ha	4	23.08	2.154**