

Table 3 General combining ability effects of parents (lines and testers) in respect of kapas yield and its attributing characters of cotton (*G. hirsutum* L.)

Lines	Days to flowering	50% Plant (cm)	Plant height	Monopodia per plant	Sympodia per plant	Bolls per plant	Mean boll weight(g)	Kapas yield (g plant)	Ginning per cent (%)	Seed index(g)	Lint index(g)
L ₁ - RAH318	-0.59	-9.56 **	0.11	-4.46 **	0.10	0.00	-0.76	-0.67	-0.38	-0.37	
L ₂ - RAH243	-0.41	4.24	0.07	1.00	2.00 *	-0.21 *	-2.02	-2.20 *	-0.41	-0.72 **	
L ₃ - RAH128	-0.34	5.65	-0.08	1.22	3.57 **	-0.07	5.43	-1.61	-0.28	-0.54	
L ₄ - RAH146	1.09	8.59 *	0.12	1.68 *	3.49 **	0.06	14.00 **	2.19 *	-0.31	0.32	
L ₅ - RAH97	-0.22	-1.35	-0.03	0.20	-6.56 **	0.40 **	-3.20	1.61	1.16 **	1.07 **	
L ₆ - RAH 124	0.47	-7.58 *	-0.18 *	0.36	-2.60 **	-0.19	-13.45 **	0.68	0.22	0.25	
S.Em.±	0.5669	3.46	0.08	0.79	0.86	0.09	3.06	0.86	0.25	0.26	
CD ($\hat{g}_i - \hat{g}_j$) at 5%	1.61	9.84	0.23	2.27	2.45	0.27	8.72	2.46	0.73	0.76	
CD ($\hat{g}_i - \hat{g}_j$) at 1%	2.14	13.12	0.31	3.03	3.26	0.36	11.62	3.28	0.98	1.01	
Testers											
T ₁ - SC14	1.14	-0.82	-0.00	0.24	-0.53	-0.16	-7.27 *	-1.80	-0.42	-0.61	
T ₂ - SC18	1.30	3.46	-0.05	0.14	-2.30 *	0.11	8.64 *	-1.70	0.17	-0.29	
T ₃ - SC7	-0.86	3.23	-0.18	0.22	1.25	-0.02	1.96	-2.42 *	-0.08	-0.62	
T ₄ - SC68	-0.78	5.73	-0.03	1.94 *	-1.33	-0.29 *	-14.18 **	0.24	-0.42	-0.21	
T ₅ - RGR32	-0.53	4.28	0.19 *	0.15	-2.17 *	0.30 **	-3.24	2.64 *	0.00	0.59	
T ₆ - RGR24	-0.45	-0.24	-0.05	-1.08	0.23	0.06	1.85	-0.53	0.75 *	0.32	
T ₇ - RGR58	-1.20	-4.37	0.00	0.14	3.47 **	-0.04	3.86	1.62	-0.08	0.33	
T ₈ - RGR37	1.39 *	-11.27 **	0.11	-1.75	1.38	0.04	8.38 *	1.95	0.08	0.49	
S.Em.±	0.65	4.0001	0.09	0.92	0.99	0.11	3.54	0.99	0.29	0.30	
CD ($\hat{g}_i - \hat{g}_j$) at 5%	1.86	11.37	0.26	2.62	2.82	0.31	10.07	2.84	0.85	0.88	
CD ($\hat{g}_i - \hat{g}_j$) at 1%	2.48	15.16	0.35	3.50	3.77	0.41	13.42	3.78	1.13	1.17	

Note: *Significant at P = 0.05; ** Significant at P = 0.01