

Table 2 Estimates of general combining ability effects of parents and character means for earliness characters and seed yield in sesame

Sr. No.	Parents	Days to flowering initiation	Days to flowering	50% maturity	Days to Reproductive period	Plant height (cm)	Seed yield/ plant (g)
1.	AT 158	-1.18** (30.67)	-1.04** (37.00)	-1.58** (79.33)	-1.99** (42.33)	-8.29** (76.33)	2.58** (16.17)
2.	AT 177	-0.62** (31.33)	-0.68** (37.00)	-2.01** (80.00)	-0.86** (43.00)	6.10** (80.40)	0.50 (13.67)
3.	AT 192	0.12 (31.67)	0.06 (37.00)	1.06** (84.67)	0.74 (47.67)	3.59** (85.80)	0.11 (18.17)
4.	G. Til 1	0.08 (30.67)	0.29 (37.67)	-0.01 (84.33)	-1.06 (46.66)	0.67 (86.93)	-1.70* (15.50)
5.	RT 54	0.25 (30.67)	0.06 (37.00)	-0.68** (78.33)	0.38 (41.33)	-6.63** (66.27)	2.81** (21.33)
6.	TKG 22	0.38* (30.00)	0.19 (36.00)	0.19 (79.33)	0.41 (43.33)	-3.13** (89.60)	-2.97** (19.67)
7.	ABT 33	0.42* (32.00)	0.33 (38.33)	1.69** (76.67)	1.74* (38.34)	5.19** (102.00)	-0.64 (15.83)
8.	G.Til 2	0.55** (30.33)	0.79** (37.67)	1.33** (85.67)	0.64 (48.00)	2.52** (85.13)	-0.69 (19.17)
	SE (g <sub>i</sub> )	0.18	0.17	0.11	0.65	0.92	0.82

\*, \*\*, significant at P<0.05 and P<0.01 levels, respectively; figures in light shade are the highest gca effects