

Table 11 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (RCH2 *Bt*) with respect to seed index in cotton (*G. hirsutum* L.)

Hybrid	Mean of F ₁	Mean of <i>Bt</i> hybrid check	Heterosis (%) over <i>Bt</i> hybrid check	Mean of commercial check	Heterosis (%) over commercial check	Hybrid	Mean of F ₁	Mean of <i>Bt</i> hybrid check	Heterosis (%) over <i>Bt</i> hybrid check	Mean of commercial check	Heterosis (%) over commercial check
RAH 318 x SC 14	8.75	9.25	-5.41	8.50	2.94	RAH146 x SC 14	8.50	9.25	-8.11	8.50	0.00
RAH 318 x SC 18	9.75	9.25	5.41	8.50	14.71	RAH146 x SC 18	9.00	9.25	-2.70	8.50	5.88
RAH 318 x SC 7	8.75	9.25	-5.41	8.50	2.94	RAH146 x SC 7	8.50	9.25	-8.11	8.50	0.00
RAH 318 x SC 68	8.50	9.25	-8.11	8.50	0.00	RAH146 x SC 68	9.00	9.25	-2.70	8.50	5.88
RAH 318 x RGR 32	9.25	9.25	0.00	8.50	8.82	RAH146 x RGR 32	9.25	9.25	0.00	8.50	8.82
RAH 318 x RGR 24	9.75	9.25	5.41	8.50	14.71	RAH146 x RGR 24	10.00	9.25	8.11	8.50	17.65
RAH 318 x RGR 58	9.25	9.25	0.00	8.50	8.82	RAH146 x RGR 58	9.50	9.25	2.70	8.50	11.76
RAH 318 x RGR 37	8.00	9.25	-13.51	8.50	-5.88	RAH146 x RGR 37	8.75	9.25	-5.41	8.50	2.94
RAH 243 x SC 14	8.25	9.25	-10.81	8.50	-2.94	RAH 97 x SC 14	10.25	9.25	10.81	8.50	20.59*
RAH 243 x SC 18	8.75	9.25	-5.41	8.50	2.94	RAH 97 x SC 18	10.50	9.25	13.51	8.50	23.53*
RAH 243 x SC 7	9.25	9.25	0.00	8.50	8.82	RAH 97 x SC 7	10.75	9.25	16.22	8.50	26.47*
RAH 243 x SC 68	9.00	9.25	-2.70	8.50	5.88	RAH 97 x SC 68	9.50	9.25	2.70	8.50	11.76
RAH 243 x RGR 32	9.00	9.25	-2.70	8.50	5.88	RAH 97 x RGR 32	10.25	9.25	10.81	8.50	20.59*
RAH 243 x RGR 24	9.75	9.25	5.41	8.50	14.71	RAH 97 x RGR 24	11.50	9.25	24.32*	8.50	35.29**
RAH 243 x RGR 58	8.50	9.25	-8.11	8.50	0.00	RAH 97 x RGR 58	10.75	9.25	16.22	8.50	26.47*
RAH 243 x RGR 37	9.25	9.25	0.00	8.50	8.82	RAH 97 x RGR 37	10.75	9.25	16.22	8.50	26.47*
RAH128 x SC 14	9.00	9.25	-2.70	8.50	5.88	RAH 124 x SC 14	9.00	9.25	-2.70	8.50	5.88
RAH128 x SC 18	9.00	9.25	-2.70	8.50	5.88	RAH 124 x SC 18	10.25	9.25	10.81	8.50	20.59*
RAH128 x SC 7	8.25	9.25	-10.81	8.50	-2.94	RAH 124 x SC 7	10.25	9.25	10.81	8.50	20.59*
RAH128 x SC 68	8.50	9.25	-8.11	8.50	0.00	RAH 124 x SC 68	9.25	9.25	0.00	8.50	8.82
RAH128 x RGR 32	9.00	9.25	-2.70	8.50	5.88	RAH 124 x RGR 32	9.50	9.25	2.70	8.50	11.76
RAH128 x RGR 24	10.00	9.25	8.11	8.50	17.65	RAH 124 x RGR 24	9.75	9.25	5.41	8.50	14.71
RAH128 x RGR 58	8.75	9.25	-5.41	8.50	2.94	RAH 124 x RGR 58	9.00	9.25	-2.70	8.50	5.88
RAH128 x RGR 37	10.25	9.25	10.81	8.50	20.59*	RAH 124 x RGR 37	9.75	9.25	5.41	8.50	14.71

Note: S.Em.±1.01; *Significant at P = 0.05; **Significant at P = 0.01