

Table7 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (RCH2 *Bt*) with respect to number of bolls per plant in cotton (*G. hirsutum* L.)

Hybrids	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	Hybrids	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	23.70	31.60	-25.00*	30.60	-22.55*	RAH146 x SC 14	21.10	31.60	-33.23**	30.60	-31.05
RAH 318 x SC 18	16.30	31.60	-48.42**	30.60	-46.73**	RAH146 x SC 18	23.30	31.60	-26.27**	30.60	-23.86*
RAH 318 x SC 7	23.50	31.60	-25.63*	30.60	-23.20*	RAH146 x SC 7	31.10	31.60	-1.58	30.60	1.63
RAH 318 x SC 68	18.00	31.60	-43.04**	30.60	-41.18**	RAH146 x SC 68	30.70	31.60	-2.85	30.60	0.33
RAH 318 x RGR 32	19.10	31.60	-39.56**	30.60	-37.58**	RAH146 x RGR 32	25.90	31.60	-18.04	30.60	-15.36
RAH 318 x RGR 24	33.20	31.60	5.06	30.60	8.50	RAH146 x RGR 24	22.90	31.60	-27.53**	30.60	-25.16*
RAH 318 x RGR 58	31.30	31.60	-0.95	30.60	2.29	RAH146 x RGR 58	33.80	31.60	6.96	30.60	10.46
RAH 318 x RGR 37	26.10	31.60	-17.41	30.60	-14.71	RAH146 x RGR 37	29.50	31.60	-6.65	30.60	-3.59
RAH 243 x SC 14	25.30	31.60	-19.94*	30.60	-17.32	RAH 97 x SC 14	19.00	31.60	-39.87**	30.60	-37.91**
RAH 243 x SC 18	21.60	31.60	-31.65**	30.60	-29.41**	RAH 97 x SC 18	16.10	31.60	-49.05**	30.60	-47.39**
RAH 243 x SC 7	31.40	31.60	-0.63	30.60	2.61	RAH 97 x SC 7	17.90	31.60	-43.35**	30.60	-41.50**
RAH 243 x SC 68	18.70	31.60	-40.82**	30.60	-38.89**	RAH 97 x SC 68	13.10	31.60	-58.54**	30.60	-57.19**
RAH 243 x RGR 32	22.50	31.60	-28.80**	30.60	-26.47*	RAH 97 x RGR 32	17.10	31.60	-45.89**	30.60	-44.12**
RAH 243 x RGR 24	28.50	31.60	-9.81	30.60	-6.86	RAH 97 x RGR 24	13.20	31.60	-58.23**	30.60	-56.86**
RAH 243 x RGR 58	29.50	31.60	-6.65	30.60	-3.59	RAH 97 x RGR 58	18.50	31.60	-41.46**	30.60	-39.54**
RAH 243 x RGR 37	28.90	31.60	-8.54	30.60	-5.56	RAH 97 x RGR 37	23.00	31.60	-27.22**	30.60	-24.84**
RAH128 x SC 14	23.80	31.60	-24.68*	30.60	-22.22*	RAH 124 x SC 14	26.70	31.60	-15.51	30.60	-12.75
RAH128 x SC 18	27.50	31.60	-12.97	30.60	-10.13	RAH 124 x SC 18	24.20	31.60	-23.42*	30.60	-20.92*
RAH128 x SC 7	26.40	31.60	-16.46	30.60	-13.73	RAH 124 x SC 7	20.00	31.60	-36.71**	30.60	-34.64**
RAH128 x SC 68	33.30	31.60	5.38	30.60	8.82	RAH 124 x SC 68	21.00	31.60	-33.54**	30.60	-31.37**
RAH128 x RGR 32	22.90	31.60	-27.53**	30.60	-25.16*	RAH 124 x RGR 32	22.30	31.60	-29.43**	30.60	-27.12**
RAH128 x RGR 24	31.10	31.60	-1.58	30.60	1.63	RAH 124 x RGR 24	15.30	31.60	-51.58**	30.60	-50.00**
RAH128 x RGR 58	30.10	31.60	-4.75	30.60	-1.63	RAH 124 x RGR 58	20.40	31.60	-35.44**	30.60	-33.33**
RAH128 x RGR 37	23.90	31.60	-24.37*	30.60	-21.90*	RAH 124 x RGR 37	19.70	31.60	-37.66**	30.60	-35.62**

Note: S.Em. \pm 3.44; *Significant at P = 0.05; **Significant at P = 0.01