

Table 12 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (RCH2 *Bt*) with respect to lint 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	4.10	4.4	-6.84	5.11	-19.78	RAH146 x SC 14	4.62	4.4	4.93	5.11	-9.65
RAH 318 x SC 18	4.84	4.4	9.99	5.11	-5.30	RAH146 x SC 18	5.24	4.4	19	5.11	2.46
RAH 318 x SC 7	4.27	4.4	-2.87	5.11	-16.37	RAH146 x SC 7	4.83	4.4	9.74	5.11	-5.51
RAH 318 x SC 68	4.44	4.4	0.93	5.11	-13.09	RAH146 x SC 68	6.10	4.4	38.53	5.11	19.28
RAH 318 x RGR 32	4.86	4.4	10.42	5.11	-4.92	RAH146 x RGR 32	6.76	4.4	53.68	5.11	32.33
RAH 318 x RGR 24	5.26	4.4	19.64	5.11	3.01	RAH146 x RGR 24	5.42	4.4	23.2	5.11	6.08
RAH 318 x RGR 58	5.33	4.4	21.02	5.11	4.21	RAH146 x RGR 58	6.70	4.4	52.32	5.11	31.16
RAH 318 x RGR 37	4.76	4.4	8.21	5.11	-6.83	RAH146 x RGR 37	5.11	4.4	16.15	5.11	0.01
RAH 243 x SC 14	3.90	4.4	-11.46	5.11	-23.76	RAH 97 x SC 14	5.83	4.4	32.52	5.11	14.11
RAH 243 x SC 18	3.53	4.4	-19.78	5.11	-30.93	RAH 97 x SC 18	5.84	4.4	32.71	5.11	14.27
RAH 243 x SC 7	4.27	4.4	-2.9	5.11	-16.39	RAH 97 x SC 7	5.54	4.4	25.94	5.11	8.44
RAH 243 x SC 68	4.82	4.4	9.43	5.11	-5.77	RAH 97 x SC 68	5.64	4.4	28.08	5.11	10.29
RAH 243 x RGR 32	5.30	4.4	20.45	5.11	3.71	RAH 97 x RGR 32	6.66	4.4	51.32*	5.11	30.30
RAH 243 x RGR 24	4.90	4.4	11.31	5.11	-4.16	RAH 97 x RGR 24	8.15	4.4	85.20**	5.11	59.47**
RAH 243 x RGR 58	4.29	4.4	-2.52	5.11	-16.06	RAH 97 x RGR 58	6.63	4.4	50.72*	5.11	29.77
RAH 243 x RGR 37	5.53	4.4	25.58	5.11	8.13	RAH 97 x RGR 37	6.54	4.4	48.68*	5.11	28.02
RAH128 x SC 14	4.23	4.4	-3.77	5.11	-17.14	RAH 124 x SC 14	5.03	4.4	14.2	5.11	-1.66
RAH128 x SC 18	5.00	4.4	13.58	5.11	-2.20	RAH 124 x SC 18	5.22	4.4	18.67	5.11	2.19
RAH128 x SC 7	4.02	4.4	-8.65	5.11	-21.35	RAH 124 x SC 7	5.04	4.4	14.46	5.11	-1.45
RAH128 x SC 68	4.20	4.4	-4.48	5.11	-17.75	RAH 124 x SC 68	5.32	4.4	20.93	5.11	4.13
RAH128 x RGR 32	5.68	4.4	29.07	5.11	11.14	RAH 124 x RGR 32	6.10	4.4	38.66	5.11	19.40
RAH128 x RGR 24	4.57	4.4	3.94	5.11	-10.50	RAH 124 x RGR 24	5.34	4.4	21.41	5.11	4.54
RAH128 x RGR 58	4.94	4.4	12.28	5.11	-3.32	RAH 124 x RGR 58	5.69	4.4	29.38	5.11	11.40
RAH128 x RGR 37	5.21	4.4	18.34	5.11	1.90	RAH 124 x RGR 37	6.22	4.4	41.41*	5.11	21.77

Note: S.Em.±1.04; *Significant at P = 0.05; **Significant at P = 0.01