

Table 10 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (BUNNY *Bt*) with respect to ginning outturn 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	31.90	34.88	-8.54	37.54	-15.02	RAH146 x SC 14	35.20	34.88	0.91	37.54	-6.24
RAH 318 x SC 18	33.17	34.88	-4.90	37.54	-11.64	RAH146 x SC 18	36.78	34.88	5.45	37.54	-2.03
RAH 318 x SC 7	32.81	34.88	-5.92	37.54	-12.59	RAH146 x SC 7	36.23	34.88	3.86	37.54	-3.5
RAH 318 x SC 68	34.32	34.88	-1.61	37.54	-8.58	RAH146 x SC 68	40.38	34.88	15.76	37.54	7.56
RAH 318 x RGR 32	34.44	34.88	-1.27	37.54	-8.27	RAH146 x RGR 32	42.23	34.88	21.07*	37.54	12.49
RAH 318 x RGR 24	35.06	34.88	0.52	37.54	-6.61	RAH146 x RGR 24	35.15	34.88	0.78	37.54	-6.36
RAH 318 x RGR 58	36.54	34.88	4.75	37.54	-2.68	RAH146 x RGR 58	41.37	34.88	18.6	37.54	10.19
RAH 318 x RGR 37	37.31	34.88	6.97	37.54	-0.61	RAH146 x RGR 37	36.87	34.88	5.71	37.54	-1.78
RAH 243 x SC 14	32.08	34.88	-8.04	37.54	-14.56	RAH 97 x SC 14	36.26	34.88	3.96	37.54	-3.41
RAH 243 x SC 18	28.74	34.88	-17.59	37.54	-23.43*	RAH 97 x SC 18	35.74	34.88	2.46	37.54	-4.8
RAH 243 x SC 7	31.60	34.88	-9.42	37.54	-15.84	RAH 97 x SC 7	34.01	34.88	-2.48	37.54	-9.39
RAH 243 x SC 68	34.85	34.88	-0.08	37.54	-7.16	RAH 97 x SC 68	37.23	34.88	6.75	37.54	-0.82
RAH 243 x RGR 32	37.06	34.88	6.26	37.54	-1.27	RAH 97 x RGR 32	39.38	34.88	12.9	37.54	4.9
RAH 243 x RGR 24	33.44	34.88	-4.14	37.54	-10.93	RAH 97 x RGR 24	41.47	34.88	18.9	37.54	10.47
RAH 243 x RGR 58	33.54	34.88	-3.85	37.54	-10.66	RAH 97 x RGR 58	38.15	34.88	9.38	37.54	1.63
RAH 243 x RGR 37	37.40	34.88	7.21	37.54	-0.38	RAH 97 x RGR 37	37.83	34.88	8.47	37.54	0.78
RAH128 x SC 14	31.99	34.88	-8.28	37.54	-14.78	RAH 124 x SC 14	35.83	34.88	2.72	37.54	-4.56
RAH128 x SC 18	35.70	34.88	2.36	37.54	-4.9	RAH 124 x SC 18	33.75	34.88	-3.24	37.54	-10.1
RAH128 x SC 7	32.76	34.88	-6.08	37.54	-12.74	RAH 124 x SC 7	32.95	34.88	-5.55	37.54	-12.24
RAH128 x SC 68	33.09	34.88	-5.14	37.54	-11.86	RAH 124 x SC 68	36.52	34.88	4.69	37.54	-2.73
RAH128 x RGR 32	38.69	34.88	10.92	37.54	3.06	RAH 124 x RGR 32	39.11	34.88	12.12	37.54	4.17
RAH128 x RGR 24	31.38	34.88	-10.03	37.54	-16.41	RAH 124 x RGR 24	35.40	34.88	1.48	37.54	-5.71
RAH128 x RGR 58	36.09	34.88	3.46	37.54	-3.87	RAH 124 x RGR 58	38.74	34.88	11.08	37.54	3.21
RAH128 x RGR 37	33.69	34.88	-3.42	37.54	-10.26	RAH 124 x RGR 37	38.96	34.88	11.69	37.54	3.77

Note: S.Em. ± 4.21 ; *Significant at P = 0.05; **Significant at P = 0.01