

Table 6 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (BUNNY *Bt*) with respect to number of sympodia per plant in cotton (*G. hirsutum* L.)

Hybrids	Mean of F <sub>1</sub>	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 <sub>1</sub>	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	19.30	25.70	-24.90*	23.90	-19.25	RAH146 x SC 14	25.30	25.70	-1.56	23.90	5.86
RAH 318 x SC 18	16.30	25.70	-36.58**	23.90	-31.80**	RAH146 x SC 18	27.90	25.70	8.56	23.90	16.74
RAH 318 x SC 7	21.40	25.70	-16.73	23.90	-10.46	RAH146 x SC 7	26.80	25.70	4.28	23.90	12.13
RAH 318 x SC 68	24.90	25.70	-3.11	23.90	4.18	RAH146 x SC 68	27.40	25.70	6.61	23.90	14.64
RAH 318 x RGR 32	21.50	25.70	-16.34	23.90	-10.04	RAH146 x RGR 32	23.70	25.70	-7.78	23.90	-0.84
RAH 318 x RGR 24	18.10	25.70	-29.57**	23.90	-24.27*	RAH146 x RGR 24	24.40	25.70	-5.06	23.90	2.09
RAH 318 x RGR 58	22.10	25.70	-14.01	23.90	-7.53	RAH146 x RGR 58	28.00	25.70	8.95	23.90	17.15
RAH 318 x RGR 37	17.50	25.70	-31.91**	23.90	-26.78*	RAH146 x RGR 37	26.70	25.70	3.89	23.90	11.72
RAH 243 x SC 14	23.90	25.70	-7.00	23.90	0	RAH 97 x SC 14	26.10	25.70	1.56	23.90	9.21
RAH 243 x SC 18	25.15	25.70	-2.14	23.90	5.23	RAH 97 x SC 18	26.00	25.70	1.17	23.90	8.79
RAH 243 x SC 7	24.80	25.70	-3.50	23.90	3.77	RAH 97 x SC 7	25.40	25.70	-1.17	23.90	6.28
RAH 243 x SC 68	28.30	25.70	10.12	23.90	18.41	RAH 97 x SC 68	26.20	25.70	1.95	23.90	9.62
RAH 243 x RGR 32	25.90	25.70	0.78	23.90	8.37	RAH 97 x RGR 32	25.60	25.70	-0.39	23.90	7.11
RAH 243 x RGR 24	25.00	25.70	-2.72	23.90	4.6	RAH 97 x RGR 24	24.10	25.70	-6.23	23.90	0.84
RAH 243 x RGR 58	26.50	25.70	3.11	23.90	10.88	RAH 97 x RGR 58	21.50	25.70	-16.34	23.90	-10.04
RAH 243 x RGR 37	25.20	25.70	-1.95	23.90	5.44	RAH 97 x RGR 37	23.50	25.70	-8.56	23.90	-1.67
RAH128 x SC 14	28.40	25.70	10.51	23.90	18.83	RAH 124 x SC 14	26.00	25.70	1.17	23.90	8.79
RAH128 x SC 18	24.20	25.70	-5.84	23.90	1.26	RAH 124 x SC 18	28.85	25.70	12.26	23.90	20.71
RAH128 x SC 7	27.20	25.70	5.84	23.90	13.81	RAH 124 x SC 7	23.30	25.70	-9.34	23.90	-2.51
RAH128 x SC 68	27.60	25.70	7.39	23.90	15.48	RAH 124 x SC 68	24.80	25.70	-3.5	23.90	3.77
RAH128 x RGR 32	25.90	25.70	0.78	23.90	8.37	RAH 124 x RGR 32	25.90	25.70	0.78	23.90	8.37
RAH128 x RGR 24	27.20	25.70	5.84	23.90	13.81	RAH 124 x RGR 24	22.30	25.70	-13.23	23.90	-6.69
RAH128 x RGR 58	27.00	25.70	5.06	23.90	12.97	RAH 124 x RGR 58	23.30	25.70	-9.34	23.90	-2.51
RAH128 x RGR 37	19.00	25.70	-26.07*	23.90	-20.5	RAH 124 x RGR 37	25.20	25.70	-1.95	23.90	5.44

Note: S.Em.  $\pm$  3.16; \*Significant at P = 0.05; \*\*Significant at P = 0.01