

Table 4 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (RCH2 *Bt*) with respect to plant height 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	101.00	111.80	-9.66	112.30	-10.06	RAH146 x SC 14	110.00	111.80	-1.61	112.30	-2.05
RAH 318 x SC 18	110.30	111.80	-1.34	112.30	-1.78	RAH146 x SC 18	113.60	111.80	1.61	112.30	1.16
RAH 318 x SC 7	111.30	111.80	-0.45	112.30	-0.89	RAH146 x SC 7	121.80	111.80	8.94	112.30	8.46
RAH 318 x SC 68	116.50	111.80	4.20	112.30	3.74	RAH146 x SC 68	128.80	111.80	15.21	112.30	14.69
RAH 318 x RGR 32	110.10	111.80	-1.52	112.30	-1.96	RAH146 x RGR 32	123.10	111.80	10.11	112.30	9.62
RAH 318 x RGR 24	95.40	111.80	-14.67	112.30	-15.05	RAH146 x RGR 24	138.70	111.80	24.06*	112.30	23.51*
RAH 318 x RGR 58	114.40	111.80	2.33	112.30	1.87	RAH146 x RGR 58	129.60	111.80	15.92	112.30	15.41
RAH 318 x RGR 37	84.30	111.80	-24.60*	112.30	-24.93*	RAH146 x RGR 37	122.90	111.80	9.93	112.30	9.44
RAH 243 x SC 14	105.70	111.80	-5.46	112.30	-5.88	RAH 97 x SC 14	122.00	111.80	9.12	112.30	8.64
RAH 243 x SC 18	123.80	111.80	10.73	112.30	10.24	RAH 97 x SC 18	128.40	111.80	14.85	112.30	14.34
RAH 243 x SC 7	129.80	111.80	16.10	112.30	15.58	RAH 97 x SC 7	115.70	111.80	3.49	112.30	3.03
RAH 243 x SC 68	132.40	111.80	18.43	112.30	17.9	RAH 97 x SC 68	120.10	111.80	7.42	112.30	6.95
RAH 243 x RGR 32	118.70	111.80	6.17	112.30	5.7	RAH 97 x RGR 32	114.90	111.80	2.77	112.30	2.32
RAH 243 x RGR 24	119.00	111.80	6.44	112.30	5.97	RAH 97 x RGR 24	102.50	111.80	-8.32	112.30	-8.73
RAH 243 x RGR 58	114.70	111.80	2.59	112.30	2.14	RAH 97 x RGR 58	92.90	111.80	-16.91	112.30	-17.28
RAH 243 x RGR 37	109.60	111.80	-1.97	112.30	-2.4	RAH 97 x RGR 37	112.50	111.80	0.63	112.30	0.18
RAH128 x SC 14	134.30	111.80	20.13	112.30	19.59	RAH 124 x SC 14	111.90	111.80	0.09	112.30	-0.36
RAH128 x SC 18	117.70	111.80	5.28	112.30	4.81	RAH 124 x SC 18	116.80	111.80	4.47	112.30	4.01
RAH128 x SC 7	128.20	111.80	14.67	112.30	14.16	RAH 124 x SC 7	102.40	111.80	-8.41	112.30	-8.82
RAH128 x SC 68	123.50	111.80	10.47	112.30	9.97	RAH 124 x SC 68	102.90	111.80	-7.96	112.30	-8.37
RAH128 x RGR 32	130.90	111.80	17.08	112.30	16.56	RAH 124 x RGR 32	117.80	111.80	5.37	112.30	4.9
RAH128 x RGR 24	133.90	111.80	19.77	112.30	19.23	RAH 124 x RGR 24	98.90	111.80	-11.54	112.30	-11.93
RAH128 x RGR 58	110.40	111.80	-1.25	112.30	-1.69	RAH 124 x RGR 58	101.60	111.80	-9.12	112.30	-9.53
RAH128 x RGR 37	86.10	111.80	-22.99*	112.30	-23.33*	RAH 124 x RGR 37	106.80	111.80	-4.47	112.30	-4.9

Note: S.Em. \pm 13.76; *Significant at P = 0.05; **Significant at P = 0.01