

Table 3 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (RCH2 *Bt*) with respect to days to 50% flowering 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	71.50	69.50	2.88	71.50	0.00	RAH146 x SC 14	71.50	69.50	2.88	71.50	0.00
RAH 318 x SC 18	71.50	69.50	2.88	71.50	0.00	RAH146 x SC 18	71.50	69.50	2.88	71.50	0.00
RAH 318 x SC 7	68.50	69.50	-1.44	71.50	-4.20	RAH146 x SC 7	69.50	69.50	0.00	71.50	-2.80
RAH 318 x SC 68	67.50	69.50	-2.88	71.50	-5.59*	RAH146 x SC 68	71.50	69.50	2.88	71.50	0.00
RAH 318 x RGR 32	70.00	69.50	0.72	71.50	-2.10	RAH146 x RGR 32	72.00	69.50	3.60	71.50	0.70
RAH 318 x RGR 24	69.50	69.50	0.00	71.50	-2.80	RAH146 x RGR 24	71.00	69.50	2.16	71.50	-0.70
RAH 318 x RGR 58	67.00	69.50	-3.60	71.50	-6.29*	RAH146 x RGR 58	70.00	69.50	0.72	71.50	-2.10
RAH 318 x RGR 37	70.00	69.50	0.72	71.50	-2.10	RAH146 x RGR 37	72.00	69.50	3.60	71.50	0.70
RAH 243 x SC 14	69.00	69.50	-0.72	71.50	-3.50	RAH 97 x SC 14	72.00	69.50	3.60	71.50	0.70
RAH 243 x SC 18	72.00	69.50	3.60	71.50	0.70	RAH 97 x SC 18	72.00	69.50	3.60	71.50	0.70
RAH 243 x SC 7	67.50	69.50	-2.88	71.50	-5.59*	RAH 97 x SC 7	69.50	69.50	0.00	71.50	-2.80
RAH 243 x SC 68	71.00	69.50	2.16	71.50	-0.70	RAH 97 x SC 68	66.50	69.50	-4.32	71.50	-6.99*
RAH 243 x RGR 32	67.00	69.50	-3.60	71.50	-6.29*	RAH 97 x RGR 32	69.50	69.50	0.00	71.50	-2.80
RAH 243 x RGR 24	69.50	69.50	0.00	71.50	-2.80	RAH 97 x RGR 24	69.00	69.50	-0.72	71.50	-3.50
RAH 243 x RGR 58	70.00	69.50	0.72	71.50	-2.10	RAH 97 x RGR 58	68.50	69.50	-1.44	71.50	-4.20
RAH 243 x RGR 37	71.00	69.50	2.16	71.50	-0.70	RAH 97 x RGR 37	71.50	69.50	2.88	71.50	0.00
RAH128 x SC 14	72.50	69.50	4.32	71.50	1.40	RAH 124 x SC 14	70.50	69.50	1.44	71.50	-1.40
RAH128 x SC 18	71.50	69.50	2.88	71.50	0.00	RAH 124 x SC 18	69.50	69.50	0.00	71.50	-2.80
RAH128 x SC 7	70.50	69.50	1.44	71.50	-1.40	RAH 124 x SC 7	69.50	69.50	0.00	71.50	-2.80
RAH128 x SC 68	68.50	69.50	-1.44	71.50	-4.20	RAH 124 x SC 68	70.50	69.50	1.44	71.50	-1.40
RAH128 x RGR 32	68.00	69.50	-2.16	71.50	-4.90	RAH 124 x RGR 32	70.50	69.50	1.44	71.50	-1.40
RAH128 x RGR 24	67.00	69.50	-3.60	71.50	-6.29*	RAH 124 x RGR 24	71.50	69.50	2.88	71.50	0.00
RAH128 x RGR 58	71.00	69.50	2.16	71.50	-0.70	RAH 124 x RGR 58	70.00	69.50	0.72	71.50	-2.10
RAH128 x RGR 37	72.00	69.50	3.60	71.50	0.70	RAH 124 x RGR 37	72.00	69.50	3.60	71.50	0.70

Note: S.Em. \pm 2.23; * Significant at P = 0.05; **Significant at P = 0.01