Table 9 Performance of hybrids and heterosis over commercial check (RAHH 95) and best *Bt* hybrid check (RCH2 *Bt*) with respect to kapas yield per plant in cotton (*G. hirsutum* L.)

Hybrids	Mean of F_1	Mean of *Bt* hybrid check	Heterosis (%) over *Bt* hybrid check	Mean of commercial Check	Heterosis (%) over commercial check	Hybrids	Mean of F_1	Mean of *Bt* hybrid check	Heterosis (%) over *Bt* hybrid check	Mean of commercial check	Heterosis (%) over commercial check
RAH 318 x SC 14	66.15	107.58	-38.51**	68.15	-2.93	RAH146 x SC 14	55.06	107.58	-48.82**	68.15	-19.21
RAH 318 x SC 18	60.27	107.58	-43.98**	68.15	-11.56	RAH146 x SC 18	78.48	107.58	-27.05**	68.15	15.16
RAH 318 x SC 7	65.91	107.58	-38.73**	68.15	-3.29	RAH146 x SC 7	95.26	107. 58	-11.45	68.15	39.78*
RAH 318 x SC 68	44.34	107.58	-58.78**	68.15	-34.94*	RAH146 x SC 68	81.47	107.58	-24.27*	68.15	19.55
RAH 318 x RGR 32	60.65	107.58	-43.62**	68.15	-11.01	RAH146 x RGR 32	88.96	107.58	-17.31	68.15	30.54*
RAH 318 x RGR 24	103.60	107.58	-3.70	68.15	52.02**	RAH146 x RGR 24	77.58	107.58	-27.89**	68.15	13.84
RAH 318 x RGR 58	82.33	107.58	-23.47*	68.15	20.81	RAH146 x RGR 58	104.90	107.58	-2.49	68.15	53.93**
RAH 318 x RGR 37	86.53	107.58	-19.57*	68.15	26.97	RAH146 x RGR 37	106.18	107.58	-1.31	68.15	55.80**
RAH 243 x SC 14	63.86	107.58	-40.64**	68.15	-6.29	RAH 97 x SC 14	64.71	107.58	-39.85**	68.15	-5.05
RAH 243 x SC 18	64.42	107.58	-40.12**	68.15	-5.47	RAH 97 x SC 18	139.96	107.58	30.09**	68.15	105.36**
RAH 243 x SC 7	91.61	107.58	-14.84	68.15	34.42*	RAH 97 x SC 7	66.52	107.58	-38.17**	68.15	-2.39
RAH 243 x SC 68	47.33	107.58	-56.00**	68.15	-30.55*	RAH 97 x SC 68	36.93	107.58	-65.67**	68.15	-45.81**
RAH 243 x RGR 32	65.18	107.58	-39.41**	68.15	-4.36	RAH 97 x RGR 32	58.25	107.58	-45.85**	68.15	-14.53
RAH 243 x RGR 24	89.09	107.58	-17.19	68.15	30.72*	RAH 97 x RGR 24	42.93	107.58	-60.09**	68.15	-37.01*
RAH 243 x RGR 58	66.10	107.58	-38.56**	68.15	-3.01	RAH 97 x RGR 58	63.10	107.58	-41.35**	68.15	-7.41
RAH 243 x RGR 37	72.11	107.58	-32.97**	68.15	5.81	RAH 97 x RGR 37	77.91	107.58	-27.58**	68.15	14.31
RAH128 x SC 14	69.49	107.58	-35.41**	68.15	1.97	RAH 124 x SC 14	68.99	107.58	-35.87**	68.15	1.23
RAH128 x SC 18	77.78	107.58	-27.70**	68.15	14.13	RAH 124 x SC 18	62.84	107.58	-41.59**	68.15	-7.79
RAH128 x SC 7	76.17	107.58	-29.20**	68.15	11.77	RAH 124 x SC 7	48.20	107.58	-55.20**	68.15	-29.27
RAH128 x SC 68	79.94	107.58	-25.69**	68.15	17.30	RAH 124 x SC 68	56.83	107.58	-47.17**	68.15	-16.61
RAH128 x RGR 32	71.98	107.58	-33.09**	68.15	5.62	RAH 124 x RGR 32	67.45	107.58	-37.30**	68.15	-1.03
RAH128 x RGR 24	91.16	107.58	-15.26	68.15	33.76*	RAH 124 x RGR 24	38.65	107.58	-64.07**	68.15	-43.29**
RAH128 x RGR 58	89.20	107.58	-17.08	68.15	30.89*	RAH 124 x RGR 58	49.46	107.58	-54.02**	68.15	-27.42
RAH128 x RGR 37	63.63	107.58	-40.85**	68.15	-6.63	RAH 124 x RGR 37	75.83	107.58	-29.52**	68.15	11.26

Note: S.Em.±12.2; *Significant at P = 0.05; **Significant at P = 0.01