

Table 3 Characters means, variability, heritability and genetic advance for seed cotton yield and yield components in *G.hirsutum* hybrids

Characters	Mean	Range	PV	GV	PCV (%)	GCV (%)	Heritability h <sup>2</sup> (b)%	Genetic advance	Genetic advance as % of mean
Days to 50 % flowering	70.10	66.50–72.50	4.89	0.65	3.15	1.15	13.32	0.61	0.86
Plant Height (cm)	114.70	84.30–138.70	242.32	52.75	13.57	6.33	21.77	6.98	6.08
No of monopodia per plant	1.89	1.20–2.50	0.15	0.00	21.23	2.84	1.79	0.01	0.78
No of sympodia per plant	24.55	16.30–28.85	17.42	1.51	17.32	5.10	8.66	0.74	3.09
No of bolls per plant	24.14	13.10–33.80	38.29	10.88	26.54	14.15	28.42	3.62	15.54
Mean boll weight (g)	2.97	2.31–3.76	0.19	0.05	14.79	7.51	25.75	0.23	7.85
Seed cotton yield (g/plant)	72.98	36.93–139.96	505.75	64.71	25.24	16.69	43.74	2.58	22.74
Ginning outturn (%)	35.64	28.74–42.23	15.80	3.54	11.13	5.27	22.40	1.83	5.14
Seed index(g)	9.33	8.00–11.50	1.13	0.10	11.42	3.44	9.06	0.20	2.13
Lint index (g)	5.21	3.53–8.15	1.35	0.22	22.09	8.87	16.14	0.39	7.34