

Table 5 Pooled scores of F4 barbadense lines and hirsutum testers based on Simple pooled *gca* score

Sl.No	Parents	Seed cotton yield (kg/ha)	Plant height (cm)	No. of monopodia	No. of sympodia	No. of bolls	Mean boll weight (g)	Reproducti ve Points on sympodia	Length of sympodia at 50 % height (cm)	Seed index (g)	Ginning outturn (%)	Lint index (g)	Photosyntheti c rate (μmol CO ₂ m ⁻² s ⁻¹)	Stomatal condu ctance ((μmol m ⁻² s ⁻¹)	Transpiration rate (mmol H ₂ Om ⁻² s ⁻¹)	Pooled <i>gca</i>
	Males	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	DB 533 x DB 534 F4 IPS 44	0	0	0	0	-1	0	0	0	-1	0	0	0	0	-1	-3
2	DB 533 x DB 534 F4 IPS 62	0	0	0	0	1	0	-1	0	1	0	0	0	0	0	1
3	DB 533 x DB 534 F4 IPS 105	0	0	1	0	0	0	0	0	0	0	0	-1	-1	0	-1
4	DB 533 x DB 534 F4 IPS 26	0	0	1	0	0	0	0	0	1	0	0	1	1	0	4
5	DB 533 x DB 534 F4 IPS 71	0	0	0	0	0	0	-1	0	0	0	0	-1	0	0	-2
6	DB 533 x DB 534 F4 IPS 30	0	1	0	0	0	-1	0	1	1	0	0	0	-1	-1	0
7	DB 533 x DB 534 F4 IPS 25	0	0	-1	0	0	0	-1	0	0	0	0	1	1	0	0
8	DB 533 x DB 534 F4 IPS 49	0	0	-1	0	0	0	1	0	0	-1	-1	-1	-1	0	-4
9	DB 533 x DB 534 F4 IPS 23	0	0	0	0	0	0	0	0	0	-1	0	-1	-1	-1	-4
10	DB 533 x DB 534 F4 IPS 36	-1	1	0	0	1	0	1	1	0	-1	0	-1	0	0	1
11	DB 533 x DB 534 F4 IPS 15	0	0	0	-1	0	0	1	0	-1	-1	-1	-1	-1	0	-5
12	DB 533 x DB 534 F4 IPS 1	0	1	0	0	1	0	-1	0	-1	0	0	-1	0	0	-1
13	DB 533 x DB 534 F4 IPS 33	0	0	0	0	0	0	1	0	0	0	-1	0	0	0	0
14	DB 533 x DB 534 F4 IPS 24	0	0	-1	0	1	0	0	0	0	0	-1	1	1	0	1
15	DB 533 x DB 534 F4 IPS 16	0	0	0	0	0	0	0	0	0	1	0	1	-1	0	1
16	DB 533 x DB 534 F4 IPS 52	0	0	0	0	0	1	-1	0	0	0	0	0	1	1	2
17	DB 533 x DB 534 F4 IPS 12	-1	-1	0	0	0	0	-1	0	0	0	0	-1	-1	0	-5
18	DB 534 x DB 533 F4 IPS 22	-1	0	0	0	0	0	-1	0	0	0	0	-1	0	0	-3
19	DB 533 x DB 534 F4 IPS 14	0	0	0	0	0	0	0	0	-1	0	0	-1	0	1	-1
20	DB 533 x DB 534 F4 IPS 34	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	0	-3
21	DB 533 x DB 534 F4 IPS 55	0	0	0	0	0	0	-1	0	0	0	0	0	1	1	1
22	DB 533 x DB 534 F4 IPS 17	1	-1	0	0	0	0	0	0	0	1	1	1	1	0	4
23	DB 533 x DB 534 F4 IPS 32	1	0	-1	0	-1	0	0	0	1	0	1	1	0	0	2
24	DB 533 x DB 534 F4 IPS 38	0	0	0	0	-1	0	1	0	0	0	0	0	1	0	1
25	DB 533 x DB 534 F4 IPS 48	0	0	1	0	0	0	0	0	0	0	1	1	0	0	3
26	DB 533 x DB 534 F4 IPS 13	1	0	1	0	-1	0	0	0	0	0	0	1	0	0	2
27	DB 533 x DB 534 F4 IPS 6	1	0	-1	0	1	0	0	0	0	0	0	1	0	0	2
28	DB 533 x DB 534 F4 IPS 8	1	0	0	0	0	0	0	0	0	0	0	1	1	0	3
	Females															
1	DH 98-27	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
2	ZCH 8	0	0	0	0	0	1	-1	0	0	0	-1	0	1	0	0
3	178-24	-1	0	0	0	-1	-1	0	0	1	0	1	-1	-1	-1	-4
4	DH 18-31	0	0	1	0	1	0	0	0	-1	0	0	1	1	1	4