

Table 7 Pooled scores of hirsutum testers and barbadense lines based on weighted per cent pooled *gca* score

Sl. No.	Parents	Seed cotton	Plant height	No. of sym-	No. of	Mean boll	Seed index	Ginning outturn	Lint index	Pooled <i>gca</i>
		yield (kg/ha)	(cm)	podia	bolls	weight (g)	(g)	(%)	(g)	
		1	2	3	4	5	6	7	8	
Hirsutum testers										
1	DH 98-27	163.72	-5.73	16.54	2.36	-9.46	6.48	56.74	104.71	335.36
2	DH 18-31	161.87	3.23	-17.28	-54.75	47.30	32.74	-18.39	17.68	172.40
3	DH 35-17	150.97	7.49	16.12	89.11	-73.78	-25.93	0.59	-43.51	121.05
4	DH 13-7	133.30	-4.04	-4.11	25.10	13.24	38.25	29.26	114.23	345.23
5	DH 23-4	132.56	2.04	-4.11	-53.74	-28.38	21.20	-8.90	21.76	82.44
6	DH 24-4	126.47	-1.10	-14.65	-40.09	-1.89	-15.56	-9.69	-42.15	1.33
7	178-24	116.20	3.06	-2.32	-56.26	22.70	-4.21	-5.93	-4.08	69.15
8	ZCH 8	106.25	5.52	5.58	34.03	-32.16	-45.38	25.70	-40.79	58.75
9	DH46-1	94.33	-5.16	-14.65	-6.74	0.00	11.35	-78.88	-110.15	-109.89
10	DH 49-1	80.85	-3.16	2.53	15.33	64.32	-2.27	-42.70	-72.07	42.83
11	DH 11-8	73.17	-15.67	-17.28	-17.35	-13.24	21.78	19.57	63.91	114.89
12	DH 37-4	70.94	4.98	-20.34	27.29	-18.92	-31.12	17.00	-25.84	24.00
13	DH 82-3	69.83	-2.28	-3.69	-0.84	-52.97	-10.37	24.32	19.04	43.03
14	DH 91-1	33.03	5.76	15.70	-40.09	-28.38	-6.16	-18.58	-40.79	-79.52
15	DH 53-2	28.06	-2.08	-2.32	-9.26	32.16	-22.37	16.41	-12.24	28.36
16	DH 23-1	16.01	-2.18	13.07	7.92	7.57	2.27	0.59	1.36	46.60
17	DH 45-23	12.59	7.79	21.81	-20.72	28.38	37.93	-6.13	54.39	136.04
18	DH 23-21	-224.92	1.33	10.85	87.26	-56.76	16.53	28.61	74.38	-62.72
19	DH 31-2	-239.01	7.55	2.95	-13.81	32.16	-0.65	10.28	16.32	-184.21
20	DH 14-2	-264.42	3.87	6.43	15.67	-17.03	0.65	2.77	9.52	-242.55
21	DH 75- 23	-273.54	-17.32	-16.44	-44.30	32.16	-33.94	17.20	-28.56	-364.73
22	DH 29-1	-283.67	0.72	4.64	22.40	26.49	7.13	-71.96	-99.27	-393.52
23	DH 8-7	-284.58	5.39	1.16	31.16	26.49	1.62	12.46	25.84	-180.47
Barbadense lines										
1	DB 533	119.28	1.42	-1.24	-25.44	0.00	-7.65	4.74	-3.67	87.45
2	DB 534	37.09	-4.68	-1.17	17.86	30.27	8.59	4.55	19.31	111.81
3	DB 532	-2.42	0.93	2.04	8.76	-15.14	-0.45	-12.12	-19.04	-37.43
4	DB 531	-153.96	2.33	0.36	-1.18	-17.03	-0.49	2.97	3.40	-163.60
	Weightage	10	2	3	5.5	7	4	5.5	6.5	