

Table 1 Heterosis over mid parent and commercial checks for plant height, no of monopodia, no of sympodia, no of bolls and mean boll weight traits in derived F₁ crosses

Sl. No.	Cross	Seed cotton yield (kg/ha)			Plant height (cm)			No. of Monopodia			No. of sympodia			No. of bolls			Mean boll weight (g)		
		H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	[[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 44)]]	19.49	-1.49	1.56	34.03*	18.76	9.58	18.55	-1.75	18.02	-2.11	0.00	-9.30	30.71	0.35	13.66	-10.13	-19.18	-10.61
2	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 62)]	11.53	-11.71	-8.97	27.26*	14.73	5.87	-41.58**	-44.50**	-33.33*	12.82	12.82	2.33	16.24	-18.80	-8.03	-13.11	-26.03	-18.18
3	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 105)]	88.58**	26.50	30.41	-5.62	-16.59	-23.03	11.03	-19.50	-3.30	4.89	0.87	-8.51	32.26	-12.77	-1.19	-7.67	-15.07	-6.06
4	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 26)]	26.62	-8.82	-6.00	8.03	-0.93	-8.58	74.11**	4.25	25.23	11.89	20.51	9.30	38.25	-7.10	5.23	-3.20	-10.96	-1.52
5	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 71)]	18.36	-8.07	-5.22	2.57	-7.29	-14.45	26.18	-13.25	4.20	-17.95	-11.97	-20.16	18.92	-6.38	6.04	-13.18	-24.66	-16.67
6	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 30)]	16.50	-13.33	-10.64	9.28	0.47	-7.30	-2.01	-20.75	-4.80	22.78	29.08	17.07	25.93	-9.57	2.42	11.95	-8.22	1.52
7	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 25)]	67.66**	4.48	7.71	5.94	-4.49	-11.87	90.15**	11.00	33.33*	19.81	21.36	10.07	65.02**	12.06	26.93	-21.36	-30.14*	-22.73
8	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 49)]	108.16**	39.97*	44.31*	13.43	6.05	-2.15	87.98**	-14.00	3.30	-3.78	8.56	-1.53	83.06**	26.60	43.39*	-10.56	-20.55	-12.12
9	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 23)]	4.34	-9.96	-7.17	17.29	4.65	-3.43	67.41**	22.00	46.55**	1.27	2.56	-6.98	52.29*	12.05	26.92	-10.77	-20.55	-12.12
10	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 36)]	5.92	-12.06	-9.34	11.52	1.24	-6.58	14.71	-2.50	17.12	19.84	18.79	7.74	28.72	-14.19	-2.81	-12.20	-26.03	-18.18
11	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 15)]	30.17	-7.66	-4.80	7.84	-4.03	-11.45	13.20	-29.25*	-15.02	4.05	-0.85	-10.07	18.07	-25.89	-16.06	-2.26	-10.96	-1.52
12	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 1)]	26.68	-3.89	-0.92	5.96	-2.17	-9.73	105.51**	2.50	23.12	-6.40	0.00	-9.30	76.72**	13.12	28.12	-15.79	-23.29	-15.15
13	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 33)]	0.41	-20.30	-17.84	50.00**	22.79	13.30	112.47**	10.75	33.03*	36.04*	27.33	15.49	58.9*	1.41	14.87	-15.98	-23.29	-15.15
14	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 24)]	8.62	-17.35	-14.79	31.97*	10.07	1.57	81.32**	16.50	39.94**	16.84	6.85	-3.09	46.42	-16.67	-5.62	-16.07	-27.40	-19.70
15	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 16)]	80.8**	15.73	19.31	45.30**	18.60	9.44	136.53**	-1.25	18.62	14.14	0.00	-9.30	106.02**	9.21	23.70	-10.49	-16.44	-7.58
16	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 52)]	85.62**	27.96	31.93	-2.38	-17.06	-23.46	128.33**	-33.50**	-20.12	18.08	17.08	6.19	58.18	-14.18	-2.80	-9.02	-15.07	-6.06
17	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 12)]	13.27	-9.66	-6.86	41.00**	19.69	10.44	17.81	-14.00	3.30	3.00	2.56	-6.98	36.51	-8.51	3.63	-8.31	-19.18	-10.61
18	[DH 98-27 x (DB 534 x DB 533 F ₄ IPS 22)]	77.72**	35.93*	40.14*	-2.25	-15.51	-22.03	27.17*	8.25	30.03*	19.31	16.23	5.42	91.15**	14.89	30.14	19.97	0.00	10.61
19	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 14)]	47.39	-5.08	-2.14	-6.96	-21.24	-27.33*	76.45**	10.50	32.73*	25.12	17.10	6.21	99.38**	12.06	26.93	-8.88	-17.81	-9.09
20	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 34)]	45.22*	0.68	3.80	9.25	-3.87	-11.30	11.00	-44.50**	-33.33*	9.76	15.38	4.65	61.73*	-7.09	5.24	-10.40	-19.18	-10.61
21	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 55)]	30.72	0.66	3.77	31.46*	12.40	3.72	15.50	-25.50*	-10.51	5.96	5.97	-3.88	60.63*	9.94	24.52	-21.70	-19.18	-10.61
22	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 17)]	60.18**	18.10	21.76	53.69**	33.8*	23.46	12.56	-13.75	3.60	5.67	3.41	-6.21	66.56*	2.48	16.07	-30.41*	-31.51*	-24.24
23	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 32)]	38.68	-14.51	-11.87	20.72	2.94	-5.01	55.66**	-15.75	1.20	12.71	5.97	-3.88	60.61*	-7.45	4.83	-33.64**	-30.14*	-22.73
24	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 38)]	35.59	-9.73	-6.94	20.90	7.13	-1.15	146.99**	2.50	23.12	2.02	7.69	-2.33	48.79	-12.40	-0.78	-34.94**	-31.51*	-24.24
25	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 48)]	37.48*	15.55	19.13	31.08*	8.22	-0.14	4.07	-13.75	3.60	5.13	5.13	-4.65	77.04**	23.05	39.38	-4.11	-13.70	-4.55
26	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 13)]	20.74	-2.48	0.54	10.23	-7.28	-14.45	-10.79	-15.25	1.80	18.79	16.23	5.42	43.33	-10.29	1.61	-14.79	-27.40	-19.70
27	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 6)]	35.91	-6.65	-3.76	20.34	-0.93	-8.58	-19.66	-41.75**	-30.03*	10.90	4.26	-5.44	72.2**	1.06	14.47	-1.79	-9.59	0.00
28	[DH 98-27 x (DB 533 x DB 534 F ₄ IPS 8)]	31.79	-2.98	0.02	30.14*	11.47	2.86	39.46*	-16.50	0.30	19.83	26.49	14.72	63.88*	-1.78	11.25	-12.20	-19.18	-10.61
29	[ZCH 8 x (DB 533 x DB 534 F ₄ IPS 44)]	-8.45	-13.98	-11.32	30.32*	7.28	-1.00	-4.56	-42.50**	-30.93*	28.47	21.36	10.07	83.97**	18.09	33.75	9.53	5.48	16.67
30	[ZCH 8 x (DB 533 x DB 534 F ₄ IPS 62)]	-15.68	-23.54	-21.17	26.99	6.51	-1.72	26.77	-8.25	10.21	16.67	7.69	-2.33	40.54	-19.51	-8.83	1.80	-6.85	3.03
31	[ZCH 8 x (DB 533 x DB 534 F ₄ IPS 105)]	24.43	-2.20	0.83	40.32**	15.20	6.30	56.39**	-22.00	-6.31	15.93	2.56	-6.98	39.53	-25.53	-15.65	-20.61	-21.92	-13.64

Continuing table 1

Sl.	Cross	Seed cotton yield (kg/ha)			Plant height (cm)			No. of Monopodia			No. of sympodia			No. of bolls			Mean boll weight (g)		
-----	-------	---------------------------	--	--	-------------------	--	--	------------------	--	--	-----------------	--	--	--------------	--	--	----------------------	--	--

No.		H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
32	[ZCH 8 x (DB 533 x DB 534 F4 IPS 26)]	-4.40	-20.15	-17.68	28.49*	9.77	1.29	146.31**	-8.25	10.21	20.50	20.51	9.30	90.88**	4.26	18.09	-20.61	-21.92	-13.64
33	[ZCH 8 x (DB 533 x DB 534 F4 IPS 71)]	4.18	-18.74	-16.22	10.71	-10.23	-17.17	80.61**	-18.50	-2.10	22.04	11.10	0.77	69.15**	12.77	27.73	-1.61	-16.44	-7.58
34	[ZCH 8 x (DB 533 x DB 534 F4 IPS 30)]	-1.68	-26.52	-24.25	38.09**	14.11	5.30	74.67**	0.00	20.12	24.04	10.26	0.00	135.61**	40.78*	59.45**	12.82	-9.59	0.00
35	[ZCH 8 x (DB 533 x DB 534 F4 IPS 25)]	41.19	-11.55	-8.82	19.84	-3.10	-10.59	164.03**	-8.25	10.21	20.59	2.56	-6.98	39.68	-21.99	-11.64	-16.54	-27.40	-19.70
36	[ZCH 8 x (DB 533 x DB 534 F4 IPS 49)]	61.65**	9.23	12.61	37.94**	16.13	7.15	292.09**	-13.25	4.20	16.80	12.82	2.33	47.20	-15.96	-4.81	32.28*	15.07	27.27
37	[ZCH 8 x (DB 533 x DB 534 F4 IPS 23)]	2.27	-21.24	-18.80	60.30**	31.47*	21.31	70.70**	-8.25	10.21	16.87	15.38	4.65	73.51**	18.44	34.15	7.54	-8.22	1.52
38	[ZCH 8 x (DB 533 x DB 534 F4 IPS 36)]	0.05	-26.22	-23.94	52.50**	27.44*	17.60	0.95	-33.50**	-20.12	17.72	13.69	3.12	83.82**	12.77	27.73	0.34	-19.18	-10.61
39	[ZCH 8 x (DB 533 x DB 534 F4 IPS 15)]	33.28	-17.83	-15.28	37.06*	12.09	3.43	149.57**	8.25	30.03*	22.59	13.69	3.12	66.67*	-4.26	8.45	-1.25	-13.70	-4.55
40	[ZCH 8 x (DB 533 x DB 534 F4 IPS 1)]	26.41	-15.83	-13.22	15.11	-2.02	-9.59	198.37**	-8.25	10.21	3.27	7.69	-2.33	84.27**	8.15	22.50	-2.82	-15.07	-6.06
41	[ZCH 8 x (DB 533 x DB 534 F4 IPS 33)]	-16.68	-32.62	-30.53	26.24	2.17	-5.73	25.78	-29.25*	-15.02	12.65	10.26	0.00	76.86**	13.83	28.93	-3.80	-8.22	1.52
42	[ZCH 8 x (DB 533 x DB 534 F4 IPS 24)]	-7.79	-28.45	-26.23	17.29	-3.26	-10.73	53.56**	5.00	26.13	-9.83	-13.69	-21.72	62.96*	-6.38	6.04	-13.83	-21.92	-13.64
43	[ZCH 8 x (DB 533 x DB 534 F4 IPS 16)]	47.05*	-3.67	-0.68	49.86**	20.93	11.59	100.00**	-8.25	10.21	0.46	-7.69	-16.28	62.25*	-13.12	-1.59	-14.27	-16.44	-7.58
44	[ZCH 8 x (DB 533 x DB 534 F4 IPS 52)]	40.60	-0.96	2.11	37.27**	15.35	6.44	160.90**	-13.25	4.20	-2.47	0.87	-8.51	97.4**	8.16	22.51	-8.64	-10.96	-1.52
45	[ZCH 8 x (DB 533 x DB 534 F4 IPS 12)]	-2.99	-20.86	-18.41	40.00*	5.27	-2.86	68.06**	-19.75	-3.60	31.37*	16.23	5.42	83.22**	19.86	35.76	-7.05	-15.07	-6.06
46	[ZCH 8 x (DB 534 x DB 533 F4 IPS 22)]	30.90	2.50	5.68	45.86**	11.94	3.29	75.37**	5.00	26.13	29.72	11.97	1.56	46.07	-14.54	-3.21	10.76	-4.11	6.06
47	[ZCH 8 x (DB 533 x DB 534 F4 IPS 14)]	25.54	-16.86	-14.29	68.57**	26.36	16.60	167.56**	0.00	20.12	47.16**	21.38	10.09	124.04**	22.34	38.57	12.90	5.48	16.67
48	[ZCH 8 x (DB 533 x DB 534 F4 IPS 34)]	23.84	-11.88	-9.16	42.77**	11.79	3.15	270.71**	-8.25	10.21	7.25	0.85	-8.53	70.15*	-4.97	7.64	-7.62	-13.70	-4.55
49	[ZCH 8 x (DB 533 x DB 534 F4 IPS 55)]	22.64	-12.34	-9.62	39.69**	11.32	2.72	23.79	-16.75	0.00	27.42	23.08	11.63	39.74	-2.13	10.86	-11.22	-27.40	-19.70
50	[ZCH 8 x (DB 533 x DB 534 F4 IPS 17)]	42.43	-2.86	0.15	13.55	-7.75	-14.88	7.09	-15.00	2.10	-4.97	-10.26	-18.60	57.87*	-0.35	12.87	4.98	-19.18	-10.61
51	[ZCH 8 x (DB 533 x DB 534 F4 IPS 32)]	28.14	-28.09	-25.86	26.83	0.78	-7.01	67.03**	-5.00	14.11	36.78*	23.92	12.40	76.04**	4.26	18.09	12.75	-5.48	4.55
52	[ZCH 8 x (DB 533 x DB 534 F4 IPS 38)]	29.22	-21.11	-18.67	30.70*	8.21	-0.15	163.84**	16.75	40.24**	0.41	2.56	-6.98	58.34*	-4.26	8.45	24.18	4.11	15.15
53	[ZCH 8 x (DB 533 x DB 534 F4 IPS 48)]	23.56	-7.38	-4.52	14.83	-9.92	-16.88	26.85	-25.00*	-9.91	18.45	17.95	6.98	49.63*	5.32	19.29	-13.18	-21.92	-13.64
54	[ZCH 8 x (DB 533 x DB 534 F4 IPS 13)]	19.08	-14.64	-12.00	52.52**	22.01	12.59	2.81	-26.75*	-12.01	28.96*	25.64	13.95	96.09**	24.47	40.98	15.85	-1.37	9.09
55	[ZCH 8 x (DB 533 x DB 534 F4 IPS 6)]	38.95	-17.19	-14.63	26.86	-0.77	-8.44	109.74**	2.25	22.82	12.33	5.13	-4.65	46.43	-12.77	-1.19	-10.65	-17.81	-9.09
56	[ZCH 8 x (DB 533 x DB 534 F4 IPS 8)]	31.62	-15.07	-12.44	45.25**	18.45	9.30	59.17*	-42.50**	-30.93*	6.51	11.97	1.56	104.06**	24.11	40.57	-21.07	-27.40	-19.70
57	[178-24 x (DB 533 x DB 534 F4 IPS 44)]	6.84	-8.82	-6.00	9.70	-13.18	-19.88	88.21**	-8.25	10.21	14.81	5.97	-3.88	80.11**	15.61	30.94	-14.70	-23.29	-15.15
58	[178-24 x (DB 533 x DB 534 F4 IPS 62)]	-7.44	-24.05	-21.69	30.45*	5.27	-2.86	23.20	-25.00*	-9.91	20.39	8.54	-1.56	56.03*	-10.64	1.22	-8.29	-21.92	-13.64
59	[178-24 x (DB 533 x DB 534 F4 IPS 105)]	40.52	-1.67	1.38	32.02*	4.19	-3.86	75.90**	-32.50**	-18.92	26.75	9.41	-0.77	52.16	-18.79	-8.01	-9.16	-16.44	-7.58
60	[178-24 x (DB 533 x DB 534 F4 IPS 26)]	7.00	-19.85	-17.37	27.99	5.27	-2.86	256.31**	-8.25	10.21	17.02	14.51	3.86	112.31**	15.96	31.34	-13.63	-20.55	-12.12
61	[178-24 x (DB 533 x DB 534 F4 IPS 71)]	-5.37	-17.42	-14.86	22.40	-5.12	-12.45	55.22**	-10.75	7.21	33.95*	24.79	13.19	56.77*	2.84	16.48	14.71	6.85	18.18
62	[178-24 x (DB 533 x DB 534 F4 IPS 30)]	-14.12	-27.86	-25.63	23.53	-2.33	-9.87	-4.49	-33.50**	-20.12	11.76	1.72	-7.74	29.30	-24.12	-14.05	8.53	-4.11	6.06

Continuing table 1

Sl. No.	Cross	Seed cotton yield (kg/ha)			Plant height (cm)			No. of Monopodia			No. of sympodia			No. of bolls			Mean boll weight (g)		
		H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

63	[178-24 x (DB 533 x DB 534 F4 IPS 25)]	30.31	-6.30	-3.39	65.50**	27.91	18.03	112.20**	0.00	20.12	44.12**	25.64	13.95	69.57*	-7.10	5.23	-12.23	-16.44	-7.58
64	[178-24 x (DB 533 x DB 534 F4 IPS 49)]	39.42	7.13	10.45	44.23**	16.28	7.30	159.42**	-10.50	7.51	22.94	21.36	10.07	93.03**	8.16	22.51	-0.72	-5.48	4.55
65	[178-24 x (DB 533 x DB 534 F4 IPS 23)]	-4.22	-24.05	-21.69	6.82	-13.80	-20.45	148.14**	8.25	30.03*	-0.45	-6.82	-15.49	52.54*	1.43	14.88	-2.63	-13.70	-4.55
66	[178-24 x (DB 533 x DB 534 F4 IPS 36)]	-3.43	-26.57	-24.30	14.80	-5.58	-12.88	41.26*	-21.25	-5.41	14.96	5.13	-4.65	61.3*	-3.90	8.84	7.84	-9.59	0.00
67	[178-24 x (DB 533 x DB 534 F4 IPS 15)]	34.20	-14.18	-11.53	5.40	-15.19	-21.74	125.56**	-25.00*	-9.91	-6.35	-17.95	-25.58	45.85	-18.80	-8.03	11.78	1.37	12.12
68	[178-24 x (DB 533 x DB 534 F4 IPS 1)]	28.85	-11.25	-8.50	10.63	-7.29	-14.45	384.85**	0.00	20.12	18.96	17.95	6.98	107.46**	18.09	33.75	-10.88	-19.18	-10.61
69	[178-24 x (DB 533 x DB 534 F4 IPS 33)]	-38.94*	-44.37*	-42.65*	64.20**	27.29	17.45	44.28*	-16.50	0.30	18.38	12.82	2.33	14.83	-12.05	-0.39	-31.54*	-35.62*	-28.79
70	[178-24 x (DB 533 x DB 534 F4 IPS 24)]	-28.23	-36.97*	-35.01	31.76*	4.19	-3.86	18.93	-16.75	0.00	9.17	1.69	-7.77	18.07	-17.73	-6.82	12.05	0.00	10.61
71	[178-24 x (DB 533 x DB 534 F4 IPS 16)]	27.09	-3.74	-0.76	25.17	-3.26	-10.73	127.89**	8.25	30.03*	11.96	0.00	-9.30	73.59**	14.18	29.33	-23.02	-26.03	-18.18
72	[178-24 x (DB 533 x DB 534 F4 IPS 52)]	21.99	-1.59	1.45	15.57	-6.82	-14.02	150.90**	-12.50	5.11	19.49	20.51	9.30	70.38**	14.19	29.34	-1.64	-5.48	4.55
73	[178-24 x (DB 533 x DB 534 F4 IPS 12)]	-5.70	-23.29	-20.91	53.49**	24.34	14.74	26.46	-21.75	-6.01	17.26	10.26	0.00	22.96	-17.37	-6.41	-4.62	-15.07	-6.06
74	[178-24 x (DB 534 x DB 533 F4 IPS 22)]	30.47	1.87	5.03	18.12	-2.48	-10.01	35.14*	0.00	20.12	26.51	16.23	5.42	55.88*	-6.03	6.43	-13.82	-27.40	-19.70
75	[178-24 x (DB 533 x DB 534 F4 IPS 14)]	33.49	-11.91	-9.18	34.16*	8.37	0.00	45.63*	-25.00*	-9.91	16.50	2.56	-6.98	73.58*	-2.13	10.86	-6.77	-15.07	-6.06
76	[178-24 x (DB 533 x DB 534 F4 IPS 34)]	30.20	-7.66	-4.80	41.74**	19.22	10.01	124.44**	-12.75	4.80	24.45	23.92	12.40	82.76**	5.32	19.29	11.28	1.37	12.12
77	[178-24 x (DB 533 x DB 534 F4 IPS 55)]	10.05	-7.84	-4.98	32.21*	-2.02	-9.59	30.53	-41.75**	-30.03*	2.73	-3.41	-12.40	59.53*	0.70	14.06	-10.45	-17.81	-9.09
78	[178-24 x (DB 533 x DB 534 F4 IPS 17)]	22.14	-1.72	1.32	48.56**	12.40	3.72	76.21**	0.00	20.12	32.12*	21.38	10.09	120.19**	23.77	40.19	10.24	-4.11	6.06
79	[178-24 x (DB 533 x DB 534 F4 IPS 32)]	-1.28	-32.49	-30.40	45.85**	7.75	-0.58	145.99**	-15.75	1.20	31.06*	15.38	4.65	44.40	-24.47	-14.45	-29.93*	-34.25*	-27.27
80	[178-24 x (DB 533 x DB 534 F4 IPS 38)]	3.85	-23.87	-21.51	62.84**	25.73	16.02	446.82**	18.25	42.04**	15.87	15.38	4.65	50.97	-19.15	-8.42	-10.95	-16.44	-7.58
81	[178-24 x (DB 533 x DB 534 F4 IPS 48)]	14.85	-3.87	-0.89	5.47	-16.28	-22.75	100.55**	-8.25	10.21	-7.77	-13.67	-21.70	54.99*	7.45	21.70	7.12	-4.11	6.06
82	[178-24 x (DB 533 x DB 534 F4 IPS 13)]	12.23	-9.73	-6.94	41.57**	14.57	5.72	87.04**	8.25	30.03*	34.59*	23.08	11.63	80.69**	12.77	27.73	-4.61	-19.18	-10.61
83	[178-24 x (DB 533 x DB 534 F4 IPS 6)]	28.86	-11.93	-9.21	28.30	1.55	-6.30	88.69**	-33.25**	-19.82	26.81	11.10	0.77	60.00*	-6.38	6.04	6.21	-2.74	7.58
84	[178-24 x (DB 533 x DB 534 F4 IPS 8)]	21.91	-10.67	-7.90	42.10**	17.21	8.15	413.19**	16.75	40.24**	16.37	15.38	4.65	73.87**	3.89	17.68	-5.76	-13.70	-4.55
85	[DH 18-31 x (DB 533 x DB 534 F4 IPS 44)]	31.18	12.72	16.21	46.45**	10.23	1.72	83.96**	-8.25	10.21	28.96	17.95	6.98	39.69	-6.38	6.04	-24.64	-31.51*	-24.24
86	[DH 18-31 x (DB 533 x DB 534 F4 IPS 62)]	18.87	-1.74	1.30	11.00	-14.73	-21.32	7.26	-33.50**	-20.12	7.18	-4.28	-13.19	34.53	-19.15	-8.42	9.79	-5.48	4.55
87	[DH 18-31 x (DB 533 x DB 534 F4 IPS 105)]	70.69**	20.46	24.18	22.73	-7.91	-15.02	132.28**	-8.25	10.21	22.00	4.28	-5.42	71.63*	-3.54	9.25	10.54	2.74	13.64
88	[DH 18-31 x (DB 533 x DB 534 F4 IPS 26)]	45.01*	9.48	12.87	9.99	-13.80	-20.46	209.77**	-16.75	0.00	11.91	8.56	-1.53	71*	-1.77	11.27	-14.52	-20.55	-12.12
89	[DH 18-31 x (DB 533 x DB 534 F4 IPS 71)]	45.27*	9.66	13.05	28.25	0.31	-7.44	3.49	-33.25**	-19.82	45.89**	29.08	17.07	21.07	-19.51	-8.83	13.77	-5.48	4.55
90	[DH 18-31 x (DB 533 x DB 534 F4 IPS 30)]	34.63	-2.78	0.23	12.92	-9.93	-16.88	-2.12	-25.00*	-9.91	5.96	-8.54	-17.05	54.19*	-8.15	4.04	29.48	1.37	12.12
91	[DH 18-31 x (DB 533 x DB 534 F4 IPS 25)]	89.07**	13.68	17.20	26.04	-1.71	-9.30	69.52**	-8.25	10.21	30.56	7.69	-2.33	87.27**	4.26	18.09	4.59	-10.96	-1.52
92	[DH 18-31 x (DB 533 x DB 534 F4 IPS 49)]	87.68**	22.10	25.88	26.59	2.94	-5.01	60.24*	-33.50**	-20.12	9.98	3.41	-6.21	55.76	-11.35	0.41	-13.11	-26.03	-18.18
93	[DH 18-31 x (DB 533 x DB 534 F4 IPS 23)]	29.59	2.48	5.65	10.68	-6.82	-14.02	53.16**	3.00	23.72	20.57	7.69	-2.33	23.20	-15.24	-4.00	-3.89	-20.55	-12.12

Continuing table 1

Sl. No.	Cross	Seed cotton yield (kg/ha)			Plant height (cm)			No. of Monopodia			No. of sympodia			No. of bolls			Mean boll weight (g)		
		H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2	H mp	H cc1	Hcc2
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
94	[DH 18-31 x (DB 533 x DB 534 F4 IPS 36)]	28.55	-2.55	0.46	45.57**	24.81	15.17	-16.22	-33.50**	-20.12	32.37*	15.38	4.65	38.67	-14.19	-2.81	16.09	-9.59	0.00
95	[DH 18-31 x (DB 533 x DB 534 F4 IPS 15)]	73.02**	10.24	13.65	13.20	-4.96	-12.30	70.55**	-3.00	16.52	52.83**	27.36	15.51	85.93**	7.80	22.10	-11.08	-24.66	-16.67

96	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 1)]	62.43**	11.50	14.96	4.62	-8.68	-15.73	107.34**	-8.25	10.21	1.81	-3.41	-12.40	33.52	-20.93	-10.43	-4.61	-19.18	-10.61
97	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 33)]	8.63	-7.81	-4.96	36.72*	6.51	-1.72	10.71	-8.25	10.21	23.21	17.95	6.98	-5.27	-26.60	-16.86	-11.31	-17.81	-9.09
98	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 24)]	14.69	-6.42	-3.52	29.36	2.79	-5.15	13.95	8.25	30.03*	18.76	11.13	0.79	59.79*	12.77	27.73	-17.38	-27.40	-19.70
99	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 16)]	69.3**	17.67	21.32	10.38	-14.27	-20.89	61.03**	16.75	40.24**	15.23	3.41	-6.21	29.78	-13.48	-2.00	-23.36	-27.40	-19.70
100	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 52)]	62.36**	20.86	24.60	19.62	-3.10	-10.58	94.57**	16.50	39.94**	18.13	19.64	8.51	65.52**	12.41	27.33	-17.57	-21.92	-13.64
101	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 12)]	25.29	2.91	6.09	12.79	-14.58	-21.18	56.65**	7.50	29.13*	-0.84	1.72	-7.74	33.67	-4.97	7.64	9.74	-2.74	7.58
102	[DH 18-31 x (DB 534 x DB 533 F ₄ IPS 22)]	53.99**	21.44	25.20	37.21*	6.05	-2.15	34.06**	8.25	30.03*	3.84	4.28	-5.42	57.47*	1.06	14.47	16.01	-2.74	7.58
103	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 14)]	65.39**	10.44	13.86	22.99	-7.13	-14.31	28.76	-25.00*	-9.91	9.72	5.97	-3.88	28.83	-22.34	-12.04	-15.41	-23.29	-15.15
104	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 34)]	58.39**	13.58	17.09	39.42**	9.92	1.43	119.18**	0.00	20.12	-6.73	0.85	-8.53	27.95	-21.28	-10.83	-12.39	-20.55	-12.12
105	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 55)]	38.98*	12.92	16.42	45.43**	11.16	2.58	-31.80**	-33.25**	-19.82	12.29	17.10	6.21	52.45*	4.61	18.48	10.14	-5.48	4.55
106	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 17)]	52.85**	19.19	22.88	40.35**	9.46	1.00	-29.55**	-22.50	-6.91	1.28	3.44	-6.19	82.76**	12.77	27.73	-13.78	-30.14*	-22.73
107	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 32)]	45.47	-4.15	-1.18	30.62	-0.47	-8.15	-12.86	-23.75	-8.41	8.70	6.85	-3.09	66.85*	-3.55	9.24	-14.26	-24.66	-16.67
108	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 38)]	45.16*	2.81	5.99	31.18*	4.34	-3.72	22.54	-8.25	10.21	-14.42	-6.00	-14.74	88.56**	11.34	26.11	10.68	-2.74	7.58
109	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 48)]	41.47*	15.70	19.28	25.10	-0.31	-8.01	11.80	-32.50**	-18.92	10.39	17.95	6.98	29.67	-7.81	4.42	-4.24	-16.44	-7.58
110	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 13)]	43.48*	12.64	16.13	18.51	-3.72	-11.16	26.55	-8.25	10.21	-4.48	0.00	-9.30	37.03	-12.05	-0.39	6.31	-12.33	-3.03
111	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 6)]	66.12**	10.34	13.76	27.81	1.55	-6.30	50.00*	-25.00*	-9.91	14.40	15.38	4.65	74.13**	4.97	18.89	-6.44	-16.44	-7.58
112	[DH 18-31 x (DB 533 x DB 534 F ₄ IPS 8)]	57.44**	12.34	15.82	5.43	-12.71	-19.45	174.25**	2.50	23.12	-8.00	3.41	-6.21	37.18	-15.60	-4.40	-0.31	-10.96	-1.52
	SEm+	317.43	366.54		12.68	14.64		0.20	0.23		2.65	3.06		7.60	8.78		0.44	0.51	
	CD at 5%	629.01	726.32		25.13	29.02		0.40	0.46		5.25	6.07		15.06	17.39		0.87	1.00	
	CD at 1%	831.94	960.64		33.23	38.38		0.53	0.61		6.95	8.02		19.92	23.01		1.15	1.33	

Note: * Significant at P = 0.05; ** Significant at P = 0.01