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Table 1 Analysis of variance for different quantitative characters (RBD) in 53 barbadense lines

Source	d.f	Seed cotton yield (kg/ha)	Mean sum of squares										Photosynthetic rate ($\mu\text{molCO}_2\text{m}^{-2}\text{s}^{-1}$)	Stomatal conductance ($\mu\text{molm}^{-2}\text{s}^{-1}$)	Transpiration rate ($\text{mmol H}_2\text{O m}^{-2}\text{s}^{-1}$)
			Plant height (cm)	No. of Monopodia	No. of sympodia	No. of bolls	Mean boll weight (g)	Reproductive Points on Sympodia	Length of sympodia at 50% height	Seed index (g)	Ginning outturn (%)	Lint index (g)			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Replications	1	109528.60**	241.45**	0.11**	2.62	99.37**	1.25**	2.62**	291.13**	38.45**	73.67**	26.17**	136.94**	0.013	18.12**
Genotypes	52	362766.12**	154.16**	0.46**	12.40**	26.85	0.24**	1.04**	29.81**	2.91**	13.77**	1.24**	35.34**	0.23**	4.79**
Error	52	59269.06	119.91	0.09	7.40	35.90	0.14	0.14	14.85	0.07	3.08	0.14	29.98	0.09	2.70
S.E d		243.45	10.95	0.31	2.72	5.99	0.38	0.37	3.85	0.26	1.75	0.37	5.48	0.30	1.64
CD@ 5%		342.16	15.39	0.43	3.82	8.42	0.53	0.52	5.42	0.37	2.47	0.52	7.70	0.43	2.31
C.D. 1%		455.91	20.51	0.58	5.10	11.22	0.70	0.69	7.22	0.49	3.29	0.69	10.25	0.57	3.08

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