

**Genetic Variability for Seed Cotton Yield and Yield Components in  
Cotton  
(*Gossypium hirsutum* L.)**

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**ABSTRACT**

The study was undertaken with an objective to study the genetic variability for seed yield and yield traits in cotton genotypes during *kharif*, 2013-14 at Regional Agricultural Research Station, Lam Farm, Andhra Pradesh. Analysis of variance showed highly significant differences among the fifty seven genotypes for all the characters studied indicating that the data generated from the above diverse material will yield reliable genetic information. The genetic variability studies revealed that the material used in the present investigation possessed variability which provides scope for selection by breeder. Moderate to low coefficients of variability was observed for most of the traits indicating moderate variability. The estimates of high heritability and moderate genetic advance as per cent of mean were observed for the traits sympodia per plant, bolls per plant, 2.5 % span length and seed cotton yield per plant.

**Key words :** Cotton, Heritability, Variability.