

## **Variability Studies in Sesame (*Sesamum Indicum* L.)**

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### **ABSTRACT**

Forty sesame genotypes were evaluated for variability studies with respect to nine quantitative characters. Analysis of variance revealed significant difference among genotypes for all the nine characters studied. High genotypic coefficient of variation (GCV) was recorded for number of capsules per plant, plant height, seed yield per plant and number of branches per plant. High heritability with high genetic advance as per cent of mean was recorded for number of days to flowering, plant height, number of branches per plant, number of capsules per plant and seed yield per plant. This indicates that the characters are governed by additive gene effects and selection for these traits will be effective.

**Key words :** Genetic advance, GCV, Heritability, PCV, Sesame.