

# **Correlation and Path Analysis for Seed Yield and its Components in Sesame (*Sesamum indicum* L.)**

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## **ABSTRACT**

Correlation studies involving five lines, three testers and fifteen hybrids obtained by Line x Tester mating design of sesame indicated that number of capsules per plant, number of seeds per capsule, number of primary branches per plant and plant height were significant and positively associated with seed yield per plant. The path analysis revealed that number of capsules per plant had maximum direct effect on seed yield per plant followed by number of seeds per capsule and 1000-seed weight.

**Key words :** Correlation, Path analysis, Sesame.