

# Invitro Antimicrobial Activity of Queen of Oils (*Seasamum indicum* L.) against Seed Microflora of Groundnut

Yadav S. G.

Department of Botany

Shivaji Mahavidyalaya, Renapur, Latur, Maharashtra, India

**Abstract:** *The indiscriminate use of pesticides all over the world in general and in India particular has badly damaged our environment for the last forty years. The increased use of pesticides in the field of agriculture has become major source of environmental pollution affecting the ecosystem, Consumption of organomurcurial fungicides which are primarily used for seed treatment is gradually increasing. A wide variety of fungicides used for seed treatment are being produced in India. These include organomurcurial, thiram, mancozeb etc. These fungicides applied to crop are long lived and residues persist in soil causing pollution. To solve this problem in the present studies evaluation of queen of oil ( *Seasamum indicum* L.) is used for seed treatment which shows maximum efficacy against seed mycoflora. 3% Extract was found to be significantly effective at all concentrations against various fungi.*

**Keywords:** Invitro, Antimicrobial, Essential oil, Seed Mycoflora

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