

# TOXICITY EFFECT OF CULTURE FILTRATES OF SOME FUNGI ON SEED GERMINATION AND SEEDLING GROWTH OF *SOLANUM MELONGENA* VAR. *ESCULENTA* NEES

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**Abstract :** Culture filtrate of all the fungi tested, e.g. *Alternaria alternata*, *Aspergillus flavus*, *A.niger*, *Chaetomium brasiliense*, *Curvularia lunata*, *Cladosporium herbarum*, *Fusarium oxysporum*, *Macrophomina phaseoli*, *Myrothecium roridum* and *Trichoderma viride* adversely affected the seed germination and seedling growth. The maximum reduction in seed germination percentage of seeds was observed in the culture filtrates of *Trichoderma viride* followed by that of *Aspergillus flavus*, *Myrothecium roridum*, *Macrophomina phaseoli* and *Fusarium oxysporum*. Boiled filtrates were more effective than the unboiled ones. In general, roots were more susceptible to toxins.

**Keywords :** Germination, Fungi, *Solanum melongena*

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