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BIOCONTROL MECHANISMS OF *TRICHODERMA* STRAINS ISOLATED FROM SOILS OF KAVANGARAI CHENNAI

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ABSTRACT

An attempt was made to isolate Trichoderma strains from the red soils of Kavangarai and study their biocontrol mechanisms using different substrates to identifying its potential on the production of many antimicrobial substances. The isolated Trichoderma strains exhibited good antagonistic activities against the phytopathogens by producing siderophores, chitinase and volatile compounds. This characteristics of the Trichoderma strains has proven that it could be a best option for controlling many phytopathogens since it is readily available in soils.

KEYWORDS: *Siderophores, Trichoderma, Rhizoctoniasolani, Chitinase, Antagonistic Biocontrol*

Article History

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