



Actinomicetos antagonistas a *Colletotrichum* sp. Penz. en el cultivo de mango en Nayarit, México [

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text (article)

Analítica

ABSTRACT The mango crop (*Mangifera indica*) is susceptible to the attack of plant pathogens including fungi that damage the fruit, which is controlled with synthetic fungicides. An alternative to reverse the ecological damage caused by these chemicals is the biological control with antagonistic microorganisms. The objective of this study was to isolate native actinomycetes in mango orchards of the state of Nayarit, Mexico, with antagonistic activity to *Colletotrichum* sp. Actinomycetes were isolated from soil samples near the rhizosphere of mango trees of Santiago Ixcuintla, Nayarit. We obtained 112 isolates, presenting 25 isolates in vitro antagonistic activity against *Colletotrichum* sp. Molecular identification showed the diversity of actinomycete isolates and the antagonistic capacity against *Colletotrichum* sp., indicates that they have the potential to be evaluated in vitro and in vivo against different mango phytopathogens

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