



ANTIFUNGAL ACTIVITY OF SEVERAL FUNGI AGAINST PLANT PATHOGENS

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ABSTRACT

Five strains belonging to the genera *Ceratocystis*, *Curvularia*, *Idriella*, *Phytophthora*, and *Rhizopus* were screened for antifungal activity using the microdilution method. All culture filtrates showed inhibitory effect against at least one out of ten tested plant pathogenic fungi. The highest fungistatic activity was recorded in cultures of *Rhizopus* spp., which was equivalent to that of Captan and even greater than that of Benlate, well-known fungicides. Strains of *Rhizopus* spp. and *Idriella* spp. showed fungicidal activity similar to that of Captan against most plant pathogenic species tested. The strains studied showing fungistatic and fungicidal activity may be sources of antifungal compounds.

Key words: Antifungal activity, fungicidal activity, fungistatic activity, plant pathogenic fungi.

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