

Antifungal metabolites produced by *Pseudomonas fluorescens* against *Fusarium oxysporum* f.sp. cepae

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ABSTRACT

Antifungal metabolites were isolated from *Pseudomonas fluorescens* and tested against *Fusarium oxysporum* f.sp. *cepae* causing basal rot of onion. Phenazine and 2,4 DAPG produced by the *Pseudomonas* isolate (Pf 12) were recorded 67.03 and 77.34 per cent inhibition of mycelial growth over control respectively. *P. fluorescens* isolates were strongly produced hydroxymate and Carboxymate type of siderophore at various level. Antifungal metabolites produced by *Pseudomonas* isolate (Pf 12) was recorded maximum inhibition of basal rot pathogen in *in vitro* condition.

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