Management of rhizome rot of ginger by botanicals

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(Accepted :May, 2007)

SUMMARY
Rhizome rot of ginger is a complex disease which is caused by Pythium aphanidermatum and Fusarium solani. Efficacy of fourteen plant extracts were evaluated against Pythium aphanidermatum and Fusarium solani at 5 and 10 per cent concentrations. Among 14 plant extracts Azadirachta indica showed maximum inhibition of mycelial growth (63.72%) of P. aphanidermatum. Among 14 plant extract tested against F. solani, maximum inhibition of mycelial growth was noticed in Ferula asafoetida powder extract (68.51%) followed by Ocimum leaf extract (60.16%).

Key words : Botanicals, Plant extracts, Rhizome rot, Ginger, Pythium aphanidermatum, Fusarium solani.