

Effect of some plant extracts on the growth of *Pythium aphanidermatum* causing damping off of Tomato

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ABSTRACT : Four selected plant products were assayed for antifungal activity against *Pythium aphanidermatum*, the causal organism of damping-off of tomato. All the plant extracts showed significant effect of leaf extracts at all the concentrations (20%, 40% and 60%) on the mycelial growth of the test pathogen, *Pythium aphanidermatum* as compared to control and check (Bavistin 0.2%) and increased growth inhibition significantly with the increase in concentration, being the highest at 60% concentration. Among them, leaf extract from *Eucalyptus globulus* (92.78%) recorded maximum mycelial growth inhibition followed by *Azadirchta indica* (72.91%) leaf extract.

Key Words: Damping off fungal disease, tomato, fungitoxicity, plant extracts, *Pythium aphanidermatum*.