



Efficacy of Plant Extracts against Tomato Late Blight under Net House Conditions

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Abstract: Aqueous extracts of three plants i.e. *Eucalyptus camaldulensis*, *Allium sativum*, and *Azadirachta indica* were tested against *Phytophthora infestans* on detached tomato leaves and under net house condition. All the treatments significantly reduced the severity of late blight over untreated control. On detached leaves, the most effective treatment was clove extract of *A. sativum* followed by *E. camaldulensis* and *A. indica* at 20% concentration. In net house also clove extract of *A. sativum* showed the best results followed by *E. camaldulensis* and *A. indica* in reducing late blight severity of tomato. All treatments, plant extracts and fungicide (Ridomil Gold), significantly reduced the late blight disease of tomato compared to infected control under net house.

Key Words: Disease, Pesticides, *Phytophthora infestans*, Plant extracts, Tomato
