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RESEARCH PAPER

Efficacy of different isolates of bacterial antagonist against *Aloe vera* soft rot pathogen (*Erwinia chrysanthemi*) under *in vitro*

M. SYAMALA
Department of Plant Pathology, Agricultural College and Research Institute (T.N.A.U.), COIMBATORE (T.N.) INDIA
(Email : ms_shayamala@ yahoo.co.in)

Abstract : Fifteen pathogenic isolates of *Erwinia chrysanthemi*, the soft rot of pathogen of *Aloe vera* were established from 15 different areas of Southern Tamil Nadu and their identity was confirmed by Microbial Type Culture Collection (MTCC) and Gene Bank, Chandigarh. Among the different *Pseudomonas* isolates tested *in vitro*, Pf 32 and Pf 45 was the most effective against the pathogen followed by Pf 4 and of the ten *Bacillus subtilis* tested *in vitro*, Bs5 was the most effective against *E. chrysanthemi.*

Key Words : Soft rot, *Aloe vera*, *Pseudomonas* isolates, *Bacillus subtilis*

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