

**COMPARATIVE EFFICACY OF *PAECILOMYCES LILACINUS*  
IN THE CONTROL OF *MELOIDOGYNE SPP.*, AND  
*ROTYLENCHULUS RENIFORMIS* ON TOMATO**

**T.A. KHAN AND S.K. SAXENA**

*Section of Plant Pathology & Nematology,  
Botany Department, Aligarh Muslim University,  
Aligarh – 202002, India.*

**Abstract**

Presence of *Paecilomyces lilacinus* with either *Meloidogyne arenaria*, *M. incognita*, *M. javanica* and *rotylechulus reniformis* significantly reduced the root galling caused by root-knot nematodes and multiplication of the nematodes which resulted in improvement of plant growth over nematode infected plants in control. Use of *P. lilacinus* showed significant control of *M. incognita* followed by *M. javanica*, *M. arenaria* and *R. reniformis* on tomato plant. The egg masses were more vulnerable to *fungus* infection than eggs and females.