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EFFECTS OF FUNGI ON HATCHING AND PARASITISM OF EGGS, JUVENILES AND FEMALES OF ROOT-KNOT NEMATODE

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Abstract

Effect of *Paecilomyce lilacinus, phoma herbarum* and 3 isolates of *Fusarium oxysporium* on hatching and parasitism of eggs, juveniles and females of root-knot nematodes was assessed on water agar (WA). *P. lilacinus* and *F. oxysporium* – 1 parasitized high proportions of eggs and females, while F.*oxysporium* -3 had the least effect. *P. lilacinus, P. herbarum* and *F. oxysporium* – 1 showed maximum suppressive effect on hatching. Whereas hatched juveniles were not parasitized, *P. lilacinus* showed equal parasitism on eggs of *M. javanica, M. incognita* and *M. arenaria.* Management of root-knot nematodes with biocontrol agents is discussed.