

MANAGEMENT OF ROOT-KNOT NEMATODES IN CHICKPEA

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Abstract

Efficacy of two nematicides phenamiphos and carbofuran, and a parasitic fungus, *Paecilomyces lilacinus* were tested alone and in combinations for management of root-knot nematodes on chickpea in the field. Pooled results of 3 years showed significant differences due to various treatments for fresh shoot weight, root-knot index and grain yield. Phenamiphos @ 1 kg ha⁻¹ was found most effective followed by *P. lilacinus* @ 1 t ha⁻¹ based on neemcake treatments. However, integration of nematicide and biocontrol agent did not show any additive effect.