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Management of root knot nematode (*Meloidogyne arenaria*) in thippali

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ABSTRACT

Thippali, *Piper longum*, an important medicinal plant belonging to the family Piperaceae. An increase in root knot nematode attack was observed in thippaligrowing plots. Pot culture experiments were conducted to study the management of root knot nematode infesting thippali using bioagents, organic amendments, botanical extract and chemicals. The effect of various treatments on shoot, root characters and nematode population were evaluated. The control of root knot nematode achieved by application of *Bacillus subtilis* was superior to all other treatments. The root knot nematode population in *P. longum* could be effectively managed using the bio agents.

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