

## **Efficacy of Abamectin for the control of root knot nematodes in tobacco seedling production in Zimbabwe.**

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### **Abstract**

The efficacy of different rates of abamectin for the control of root knot nematodes in tobacco soil-based seed beds was evaluated in this study. Different incorporation methods of abamectin in the soil were also evaluated. A combination of 45 ml worked into the soil to a depth of 20 cm using hoes was effective in controlling root knot nematodes. The efficacy was comparable ( $p = 0.05$ ) to methyl bromide and 1.3 D. The other treatments evaluated did not give control and were comparable to the untreated control. Based on the results, abamectin can be a suitable replacement for methyl bromide for root knot nematode management in the tobacco seedbed.