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**EFFECT OF NEEM LEAF EXTRACT AND ETHOPROP SINGLY
AND IN COMBINATION ON *MELOIDOGYNE INCOGNITA*
AND GROWTH OF SUGARCANE**

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Abstract

Effect of neem leaf extract used as soil amendment and a chemical nematicide, ethoprop, singly and in combination on root-knot nematode, *Meloidogyne incognita* and growth of sugarcane was investigated. Neem extract amendment alone considerably suppressed root-knot development. Neem extract in combination with ethoprop at the rate of 2 to 4 kg a.i./ha were as effective as ethoprop alone at the rate of 5 to 8 kg a.i./ha. Neem extract amendment was not toxic to sugarcane. The different treatments improved plant growth of sugarcane.