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INFLUENCE OF HYDROGEN ION CONCENTRATION ON POPULATION DYNAMICS OF*HOPLOLAIMUS INDICUS* ON CITRUS AND MANAGEMENT WITH VAM FUNGUS

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Abstract

Fluctuation in nematode population on citrus was observed at different pH level. Female population was maximum at pH 7.8, larval population increased at pH 7.6. Maximum population of male was recorded at pH 7.4-7.6. Maximum total population of nematode was observed at pH 7.4-7.8 but optimum pH for maximum population (male, female, and juvenile total) was 7.6. Management practices with different doses of VAM fungus were implicated at five localities of Allahabad. Optimum dose of 80 g per tree was found most effective for reduction of maximum population of nematodes.