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## SCREENING OF PEPPER VARIETIES FOR RESISTANCE AGAINST ROOT-KNOT NEMATODE *MELOIDOGYNE INCOGNITA*

Among various limiting factors in pepper production in Kerala nematodes play an important role and the root knot nematodes are very serious among them. (Venkitesan 1972)

Eight varieties of pepper were screened against the root-knot nematodes. Sterilized pot mixture were used for raising plants. The vines used were of same age, same height and were having same number of nodes. Eight rooted cuttings of each variety were inoculated with 500 larvae of *Meloidogyne incognita*. One plant of each variety was maintained as control. Pots were irrigated to keep the soil just moist. Six weeks after inoculation root system of individual plants were examined for root-knot symptoms. All the varieties were found susceptible to *Meloidogyne incognita*. Roots of Panniyur I Cheriakaniakadan and Kottanadan showed more galling than Kalluvally, Balancotta, Karimunda, Narayakodi and Padappan.

### സംഗ്രഹം

എട്ടിനം കരുമുള്ള ചെടികളിൽ 'കല്ലുവള്ളി', 'ബലകോട്ട', 'കരിമുണ്ട', 'നാരായക്കൊടി' എന്നീ ഇനങ്ങളിൽ വേരിനെ ആക്രമിക്കുന്ന 'മിലായിഡോസൈൽ ഇൻകോഗ്നിറ്റ' എന്ന നിമാറ്റോഡുകൾ കറവായി കണ്ടു.

### REFERENCE

- Venkitesan, T. S. 1972. On the occurrence of plant parasitic nematodes associated with different crops in Cannanore District, Kerala, *Agri. Res. J. Kerala*. 10, 179—180

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