SOME NEW NON-CROP HOSTS OF ROOT-KNOT NEMATODES, MELOIDOGYNE JAVANICA AND MELOIDOGYNE INCOGNITA IN INDIA

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Abstract

Meloidogyne javanica (Trueb) Chitwood and Meloidogyne incognita (Kofoid & White) Chitwood attack a large number of crops and non-crop plants (Goodey et al., 1965; Saka & Carter, 1987). During a collection of root samples of vegetables infected with root-knot nematodes from fields in Western Uttar Pradesh in India, we detected on non-crop plants well developed galls caused by root-knot nematodes. The species of root-knot nematodes present in different samples were identified by using characteristics of perineal pattern of mature females (Eisenback et al., 1975).