

NEW HOST RECORDS OF ROOT-KNOT NEMATODE IN PAKISTAN

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Abstract

During a survey of plant parasitic nematodes, moderate to severe root-knot infection was observed on the roots of *Eragrostis ciliaris* (L.) R. Br., *Gomphorena globosa* L., and *Euphorbia prostrata* Ait., growing in the experimental microplots of green house at the National Nematological Research Centre, University of Karachi. Upon examination the root-galls with mature females were found attached in abundance on the roots. On the basis of perennial pattern of mature females (Southey, 1986) species of *Meloidogyne* were identified (Eisenback *et al.*, 1981). Mixed population of *M. incognita* (Kofoid & White, 1910) Chitwood, 1949 and *M. javanica* (Treub, 1885) Chitwood, 1949 were recorded on *G. globosa* and *E. prostrata*, whereas *M. incognita* alone was found on *E. ciliaris* which appear to be new host records from Pakistan.