

## MEDICINAL PLANTS AS NEW HOSTS OF ROOT-KNOT AND OTHER NEMATODES FROM HAMDARD UNIVERSITY, KARACHI, PAKISTAN

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### Abstract

A survey was conducted of medicinal plants, cultivated at agricultural field of Hamdard University, Karachi for the detection of plant parasitic especially root-knot nematodes. Some of them were found heavily infested with *Meloidogyne* root-knot nematodes. The root-knot species attacking the *Aloe vera* plants reported here in was identified as *Meloidogyne incognita* (Kofoid & White, 1919) Chitwood, 1949 along with other nematodes. Other medicinal plants viz., *Pongamia glabra* were found infested with *M. arenaria* (Neal, 1889) Chitwood, 1949 while *Bauhinia purpurea*, *Ricinus communis* and *Terminalia catappa* were heavily infested with *M. javanica* (Treub, 1885) Chitwood, 1949. These medicinal plants are reported as new host records of plant parasitic and root-knot species for the first time from Pakistan.