

MANAGEMENT OF ROOT-KNOT NEMATODE (*MELOIDOGYNE JAVANICA*) ON BANANA PLANTATION IN SINDH, PAKISTAN

B. ZARINA

*National Nematological Research Centre,
University of Karachi, Karachi-75270, Pakistan.*

Abstract

A survey of different areas of Sindh was carried out to determine the nematodes associated with soil and roots of banana plantation. The root-knot nematode viz., *Meloidogyne javanica* and *M. incognita* were encountered along with other nematodes in banana plantation. The effect of organic amendment, bio-control and chemical was observed on banana variety (FHIA-23) against *M. javanica* which indicated that highest plant length was found where chitin was used. Reduction in the number of root-knot galls / 10 g root was observed in all treatments as compared to control. Among the organic, chemical and bio-control amendments, neem was found to reduce the root-knot nematode and increase the plant growth parameters as compared to control.