

Plant-parasitic nematodes associated with mentha field of Sitapur, Uttar Pradesh, India

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ABSTRACT : An extensive survey was carried out for the infestation of plant parasitic nematodes associated with Japanese Mint *Mentha arvensis* var *piperascense* growing fields. Soil and root samples were collected from 24 Mentha fields represents 15 different locations (villages) Akhtarpur, Tiwaripur, Shuklapur, Katia, Oripur, Ghuripur, Padariya and Dafara. 19 out of 24 samples have the plant parasitic nematodes population. Results revealed that incidence of root-knot nematodes *Meloidogyne incognita*, *Hoplolaimus* spp., *Helicotylenchus* spp., *Tylenchorhynchus* spp. were present. It was also found that 39% fields had the root-knot nematode populations, whereas 87% had the other major plant-parasitic nematodes

Key Words: Mint, nematode, survey.