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NEW HOST RECORD OF ROOT-KNOT NEMATODES *MELOIDOGYNE* SPP. IN PAKISTAN

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Abstract

In a survey on root-knot nematode in Islamabad and Pirsabak areas, five plant species viz., cosmos (*Cosmos* sp.) radish (*Raphanus sativus*), lily (*Lilium* sp.), basil (*Ocimum bacillicum*) and kenaf (*Crotalaria* sp.) were found infested by root-knot nematodes. The perineal pattern of mature females obtained from cosmos, radish, lily and basil resembled *Meloidogyne incognita* in having a distinct dorsal arch composed of smooth to wavy lines and no lateral incisures, however population from kenaf appeared to be *M. javanica* in having a low dorsal arch and distinct lateral incisures. These are new host records which have not been reported earlier in the several lists published (Maqbool, 1981; Maqbool & Saeed, 1981; Ghaffar & Hashmi, 1983; Maqbool, *et al*, 1983; Maqbool & Hashmi, 1984 and Maqbool *et al*, 1985).