

SOME LEGUMINOUS PLANTS AS NEW HOSTS OF *MELOIDOGYNE JAVANICA*

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Abstract

During a survey of leguminous plants in northern areas of Pakistan, the nodulated plants viz., alfalfa (*Medicago sativa* L.), jantar (*Sesbania sesban* (L.) Merrill.), red clover (*Trifolium repens* L.) and white clover (*T. pretense* L.) were found heavily infested with root-knot nematode. In addition dhancha (*Sesbania bispinosa* (Jacq.) W.F. White) collected from National Agricultural Research Centre, Islamabad was also found infested with root-knot identified as *Meloidogyne javanica* (Treub, 1888) based on the perineal pattern of mature females in having low dorsal arch and distinct lateral line. These are new host records from Pakistan and have not been reported earlier (Maqbool, 1981; Maqbool & Saeed, 1981; Ghaffar & Hashmi, 1983; Maqbool *et al.*, 1983; Maqbool & Hashmi, 1984; Maqbool *et al.*, 1985; Khan *et al.*, 1985).