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NEMATICIDAL ACTIVITY OF SEAWEEDS AGAINST *MELOIDOGYNE JAVANICA* ROOT KNOT NEMATODE

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Abstract

Seaweeds possess biochemical compounds which could be used as a potential biocidal agent (Colwell, 1983). There are reports of nematicidal activity of seaweeds (Featomby-Smith & Standen, 1983) where extract of *Ascophyllum nodosum* has been found to reduce infection of *Radopholus similis* on citrus (Tarjan, 1977). Similarly nematicidal activity of marine algae against *Helicotylenchus indicus* was reported from Pakistan (Naqvi et al., 1992). A brown alga *Steochospermum marginatum* showed significant control of root knot nematode in brinjal (Abid et al., 1993). The present report describes the namaticidal activity of 12 different seaweeds collected from Karachi coast against *Meloidogyne javanica* root knot nematode.