

## NEMATICIDAL ACTIVITY OF MARINE ORGANISMS

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### Abstract

Nematicidal properties of 12 seaweed species viz., *Cystoseira trinodis*, *Melanothamnus somalensis*, *Sargassum boveanum*, *S. crassifolium*, *S. tenerrimum*, *Jolya laminarioides*, *Enteromorpha clathrata*, *Bryopsis plumose*, *Iyengaria stellata*, *Dictyota haukiana*, *Stokya indica*, *Kentodoris funerbis* and brown and green *Zoanthid* spp., were evaluated. Crude extracts of *J. laminarioides*, *C. trinodis* and both *Zoanthid* species showed >50% mortality of the larvae of *Meloidogyne javanica* root-knot nematode. A white crystalline compound zoanthamine was isolated from *Zoanthid* species which at 1000 ppm showed 100% larval mortality.