

EFFECT OF ROOT EXTRACTS AGAINST ROOT-KNOT NEMATODE, *MELOIDOGYNE INCOGNITA*

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ABSTRACT: *In vitro* studies on hatching and mortality of second stage juveniles and pot trial on *Meloidogyne incognita* infecting tomato indicated reduction in hatching, increase in mortality on the nematode and improved plant growth in aqueous root extracts of *Calotropis procera*, *Eclipta alba*, *Ricinus communis* and *Argemone mexicana*. Under glass house conditions, root extracts had no adverse effect on the growth of tomato, but significantly increased shoot weight and root weight and reduced the root galling and egg mass production in tomato.

Key Words: *Meloidogyne incognita*, tomato, root extracts.