

Juvenomimetic activity of extracts of *Thevetia neriifolia* Juss. to *Dysdercus cingulatus* F. (Hemiptera: Pyrrhocoreidae)

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Abstract

Ethanol extracts of fresh leaves and seeds of *Thevetia neriifolia* were tested for juvenomimetic action on red cotton bug, *Dsydercus cingulatus*, an important pest of cotton and okra. Conspicuous activity, based on larval mortality, duration of ovipositional period, emergence of malformed adults and reduced fecundity of the bugs, were noticed in 40% leaf and 10% seed extracts. Although moderate activity was seen in 20% leaf and 5% seed extracts, no significant effect was observed for the 10% leaf and 2.5% seed extract treatments.

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