Simple CRB Trap made with recycled materials

A basic trap can be made using a metal barrel with a chicken wire top.

Compost material is placed in the bottom of the barrel to attract beetles to breed and lay eggs. The chicken wire allows beetles to enter, but they cannot exit as their open wings prevent them from passing through the wire.

It is important that the compost material is kept at least 6 inches below the top of the barrel to prevent beetles from crawling out.

CRB BIOCONTROL

Green Muscardine fungus (GMF) is an effective biocontrol agent that targets the adult and larval stages of CRB. This strategy has been found effective for controlling the rhino beetle population on Guam.

Larva infected with the green Muscardine fungus

CONTROL TIPS

- clear all green waste including dead palm trees, stumps and trunks
- manage coconut trees by removing dead fronds & inflorescenses
- monitor compost piles for larvae and destroy any larvae found
- apply green Muscardine fungus to organic waste piles, compost piles and gardening beds

To Report Sightings Call:

475-PEST (7378)

Prepared by:

Dr. Aubrey Moore
Roland Quituqua
Olympia Terral
(671) 735-2086

University of Guam
Cooperative Extension Service, ANR

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Coconut Rhinoceros Beetle

Control Tips

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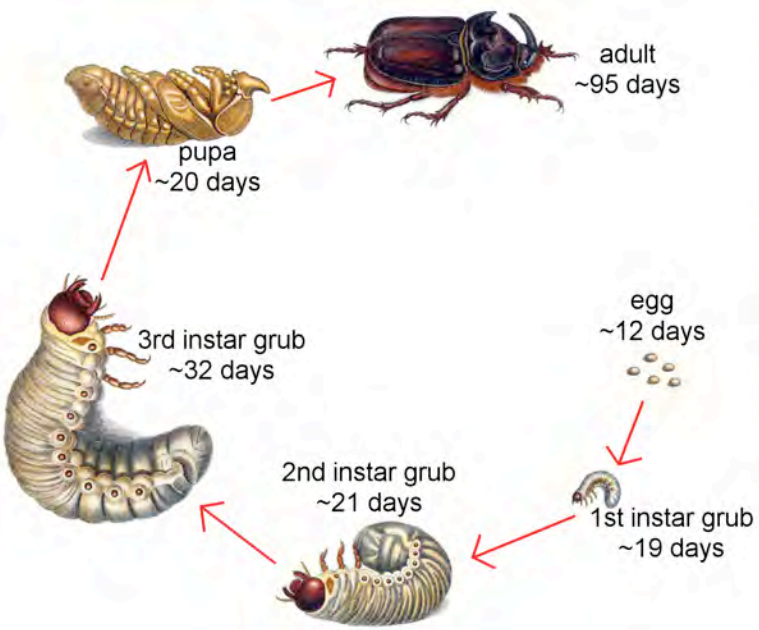
CRB LIFE CYCLE




3rd instar larva

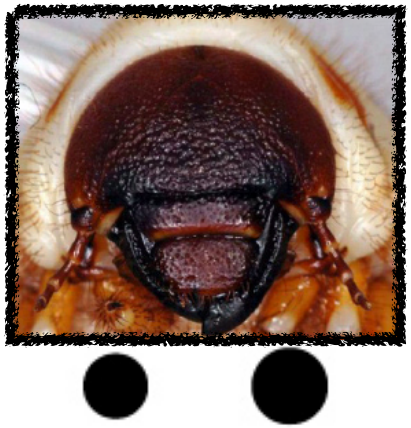
The coconut rhinoceros beetle (CRB), *Oryctes rhinoceros*, is a large scarab beetle that feeds on coconut and other palms. The adult beetles bore holes into the crowns of coconut trees and feed on the sap. This is what causes the distinctive v-shaped cuts in the leaves.

Rhino beetles have 4 life stages: eggs, larvae, pupae and adults. The female rhino beetle lays her eggs in decaying logs and other organic matter. Only adults cause damage. However, it is very important to remove dead coconut trees and other organic material from your yard and surrounding areas before adults develop.

CRB LARVAE

CRB's rough head capsule distinguishes it from other scarb beetle grubs on Guam.

1st instar
black dots represent the size range of head capsule 2.5 - 3.1 mm



3rd instar
black dots represent the size range of head capsule 9.5 - 11.2 mm

2nd instar
black dots represent the size range of head capsule 5.0 - 6.0 mm