

# RB-Lure™ for Management of Rhinoceros Beetle



The Rhinoceros Beetle (RB), *Oryctes rhinoceros*, is a destructive pest of Coconut, Oil and other palms. Feeding by RB adults on the growing points causes yield loss and death of young palms and the feeding wounds are ideal egg laying sites for RPW. The adult females lay eggs in dead and decaying palms and other organic matter, where they breed.

Mass trapping with aggregation pheromone, which attracts both females and males, has been found to be a reliable method for managing this pest. Pheromone traps, when integrated with field sanitation (removal of organic matter that may be used by female adults to lay eggs), is an effective management strategy for Rhinoceros Beetles.

Pest Control (India) Pvt Ltd has indigenously synthesized the aggregation pheromone of RB and produces the lures. RB-Lure™ was found to be

effective in trapping adults for 4 months under field conditions. PCI has also designed a collapsible bucket trap **Coco-Bucket** specifically for mass trapping coconut beetles.



**Coco-Bucket** is to be installed about 5 feet from the ground level, preferably from poles driven into the ground or any tree other than coconut, in the vicinity of the plantation. The trap should be installed in such a way that the surface of the trapnot having entry hole is in contact with the trunk

The trap is readied for use by pouring 2 liters of water along with coconut shavings as food bait and half tea spoon of detergent as wetting agent to kill the trapped adults. RB-Lure™ is to be inserted in the slot provided on the undersurface of the lid of the **Coco-Bucket**.



The beetles attracted by the RB-Lure™ alight on the roughened outer surface of the **Coco-Trap**, enter the trap through any of the three entry holes, fall into the water and drown. RB-Lure™ catches more females, particularly young adults, compared to males, thus preventing population build up of the pest. The bucket must be topped up with water once a week. The trap must be emptied, cleaned and fresh

bait, water and detergent provided at fortnightly intervals. One trap is recommended for stands up to 1 acre.



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A Quality IPM Product from Pest Control (India) Private Limited  
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**Bio-Control Research Laboratories (BCRL)**

A Division of :

**PEST CONTROL (INDIA) PVT LTD**

With over 125 Offices Nationwide



**Corporate Office:** Jagadamba House,  
P.B. No.9060, Goregaon (East), Mumbai - 400 063, Maharashtra, INDIA.  
Helpline: (+91 22) 2686 5656 Fax: +91 (0) 6699 0256  
**Email:** solutions@pcil.in **Web :** http:// www.pcil.in

Your nearest PCI office :