

TECHNICAL DATA SHEET

Red Palm Weevil
Rhynchophorus ferrugineus



Product Name : Red Palm Weevil Pheromone Lure

Mode of Action : Aggregation Pheromone

Active Ingredient : 4 Methyl 5 Nonanol
4 Methyl 5 Nonanone

Dosage : 700 mg per dispenser / lure

Product Description : Polyethylene pouch containing
4 Methyl 5 Nonanol- 90% &
4 Methyl 5 Nonanone – 10% and
excipients loaded in wood block.

Active Life : Upto 3 months (depending on
climatic conditions).

Shelf Life : 2-3 years if stored according
to the standard protocol.

Targeted Action:

This product is intended for use as attractant of Red Palm Weevil (*Rhynchophorus ferrugineus*) pest in Plantation/ Orchards/ Farms/ Open and Protected Cultivation of many crops such as Coconut, Arecanut, Date palm & Oil palm in order to trap them for monitoring and mass trapping. This is found to reduce the intensity of pest incidence, leading to a reduction in crop damage thereby improving the yields / output quality.

Product Description:

The Active Ingredient blend of 4 Methyl 5 Nonanol – 90 % & 4 Methyl 5 Nonanone – 10 % is a potent aggregation attractant for males and females of *Rhynchophorus ferrugineus*. This liquid formulation @ 700 mg is loaded in wood block, which is kept in a sealed polyethylene pouch, which is placed in bucket traps in the field. It is used in combination with a Magnet and feed attractant to maximize catch rates of the pest.

Protocol:

The trap is to be positioned in such a way that it is half buried in the ground to the level of the side entrances **OR** hung on tree stems at a height of 1-1.5 m. Traps should ideally be placed in shaded areas. Recommended to use one lure of RPW per trap. One RPW lure would last upto 3 months depending upon climatic conditions. The trapping density should be adequate to manage pest

infestation. The recommended trap density is 5-10 traps per hectare for mass trapping and 1-2 traps for monitoring.

Packing:

- RPW lure is packed in a metalized triple layer pouch.

Storage and Disposal precautions:

- Store the dispenser away from sunlight in a dry and cool place.
- Do not open the pouch until just before placing it in the trap lure holder.
- The product expiry date is 2 years from production date under good storage conditions and without opening the sealed pouch.

Disclaimer:

- All the materials and components used in the manufacturing process are generally known to be non hazardous to human beings.
- It should be noted that the information is given in good faith and manufacturer assumes no responsibility for any damage that may be caused (by using the product) to men, machinery and materials.
- The onus of ascertaining suitability of the product to the proposed application/end use lies solely with the buyer/user.
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