

TECHNICAL DATA SHEET

Rhinoceros Beetle
Rhynoceros Oryctes



Product Name	: Rhinoceros Beetle Pheromone Lure
Mode of Action	: Aggregation Pheromone
Active Ingredient	: Ethyl 4-Methyl Octanoate
Dosage	: 400 mg per dispenser / lure
Product Description	: Polyethylene pouch containing Ethyl 4-Methyl Octanoate loaded in wood Block / Porous PP block.
Active Life	: Up to 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 Rhinoceros beetle (*Rhinoceros Oryctes*) pest in Coconut and oil palm Plantations/ Orchards/ Farms, 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 and output quality.

Product Description:

The Active Ingredient blend of Ethyl 4-Methyl Octanoate is a potent aggregation attractant for males and females of Rhinoceros beetle. This liquid formulation @ 400 mg is loaded in wood block, which is placed in bucket traps in the field.

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 Rhinoceros beetle per trap. One Rhinoceros beetle lure would last up to 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:

- Rhinoceros beetle 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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