

A.B.W. PheroLure®

Zimbabwe Reg. No: 22-AT9-3-AT-14-1
Reg No. L11804 Act 36 of 1947

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

The **A.B.W. PheroLure®** rubber septa contain the female African Bollworm (*Helicoverpa armigera*) pheromone for the monitoring of male African Bollworm.



WARNING

Hazard statements

Causes skin irritation.
Causes serious eye irritation.

Precautionary statements

Wear protective gloves/eye protection.
Wash hands thoroughly after handling.

Active ingredients

Blend of (Z) - 11 – hexadecanal and (Z) - 9 - hexadecanal

Total

1.00 mg / lure

1.00 mg/lure

_____ x 1 mg lures / pack

REGISTRATION HOLDER

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Email: info@insectscience.co.za
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Batch No.:
Date of manufacture:
Expiry Date:

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UN No. Not regulated

In case of poisoning, call the following number: 0861 555 777
Emergency number 082 446 8946

WARNINGS

- Handle with care.
- Keep away from children and uninformed persons and animals.
- May cause skin irritation.
- Wear protective gloves and wash hand thoroughly after handling.
- Store in a freezer and use within 12 months.
- No pre-harvest interval is established for the use of **A.B.W. PheroLure®** as it is not applied directly onto the crop. No residues are expected if used according to label instructions.
- It is important that the person handling the lure do not touch other surfaces after handling the lure as this may result in pheromone contamination of other plant parts, compromising the efficacy of the lure.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions. The action and effect thereof may be affected by factors such as abnormal climatic and storage conditions such as excessive winds and rain, the occurrence of resistance of pests, and by the method and timing of application. The registration holder does not accept responsibility for damage to crops, vegetation and the environment, harm to man or animal, or for the lack of performance of the remedy concerned, due to failure of the user to follow the label instructions, or the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of uncertainty.

PRECAUTIONS

- Wash hands thoroughly after handling. Do not touch eyes.
- IF ON SKIN: wash with plenty of water
- If skin irritation occurs: Get medical help.
- Take off contaminated clothing and wash it before reuse.
- Wear protective gloves/ eye protection
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- If eye irritation persists: Get medical help.
- Dispose of used lures in accordance with local regulations. Do not leave devices in the field indefinitely.

RELEVANT SUBSTANCES

(Z) - 11 - hexadecanal (CAS 53939-28-9), (Z) - 9 – hexadecanal (CAS 56219-04-6)

FIRST AID

- Ingestion: The neat pheromone blend is not considered to be acutely toxic by ingestion. If swallowed, wash mouth with water if person is conscious. Never give anything by mouth to an unconscious person. The device may pose a choking hazard. Obtain medical attention if necessary.
- Skin: The neat pheromone blend is considered harmful in contact with skin and may cause skin irritation. In case of contact, remove contaminated clothing if applicable and wash area of exposure with non-abrasive soap and copious amounts of water for several minutes. Consult a physician if irritation persists.
- Eyes: The neat pheromone blend is not considered to be an eye irritant. If product comes into contact with eyes, immediately flush eyes with clean water for several minutes, holding the eyelids open. If present, remove contact lenses after 5 minutes. Continue rinsing. Consult a physician if irritation persists.
- Inhalation: The neat pheromone blend is not expected to be acutely toxic by inhalation. If inhaled, remove the source of contamination or move victim to fresh air.

USE LIMITATIONS

- Abnormally dry, wet, windy or cold weather conditions may reduce the efficacy of **A.B.W. PheroLure®**.
- Under normal conditions the **A.B.W. PheroLure®** will attract male African bollworm moths for a period of approximately 6 weeks.
- The purpose of this attractant is only to monitor male African bollworm moths and the population dynamics within the field and is not a control measure.

DIRECTIONS FOR USE

Only use as directed.

Placement of lure and trap assembly:

- The **A.B.W. PheroLure®** rubber septum is designed for use in a **Yellow Bucket Funnel Trap®** together with an **insecticide block**.
- To assemble the **Insect Science Yellow Bucket Funnel Trap®**, insert the pheromone cage into the opening on top of the dome lid. Close the cage with the given cage lid.
- Join the dome lid and the funnel by firmly attaching the four rods protruding from the bucket into the slots in the bottom of the funnel and twisting the funnel so that the tabs lock into the slots.
- Attach the trap hanger to the opening on the top of the dome lid.
- Remove the **A.B.W. PheroLure®** rubber septa from the foil pouch and place inside the cage. Close the cage with the lid to secure the **A.B.W. PheroLure®** rubber septa inside.
- The **insecticide block** is placed inside the bucket at the bottom to kill all insects entering the trap.

Placement of the trap

- Fields should be divided into monitoring areas of approximately 5 hectares. This is the maximum area that can be monitored by a single trap.
- The trap should be placed in the middle of the 5-hectare area.
- A higher trap density may be necessary where the field is not uniform in shape, where there are steep slopes and gullies.
- Prevailing winds may also affect the trap effectiveness and therefore a higher density may be necessary.
- Suspend the trap onto a trap stand (± 1.2 m) in row crops and in the tree at 1.8 – 2 m for established orchards to ensure effective pheromone distribution.
- Ensure that the trap is not placed in the working row to avoid mechanical damage from tractors, etc.
- Remove all leaves and branches that may obstruct entrance to the trap.
- Place trap in the direction of the prevailing winds to maximize spreading of the pheromone.
- Identify every trap with a number for reference and recording purposes.

Timing of trap placement

- Place traps out at the beginning of the production season.

Trap maintenance

- **A.B.W. PheroLure®** rubber septa should be replaced every 6 weeks.
- Remove the used lures from the field or orchard and dispose of according to local regulations.

Monitoring method

- It is imperative that trap catches be recorded weekly and preferably on the same day each week.
- Record the number of moths caught, the trap number and date.
- After African bollworm counts have been recorded, males must be removed from the trap.

Interpretation of trap counts

- The counts obtained from the trap are indications of the population pressure and dynamics, thus consultation with your local pest management advisor for accurate interpretation of the moth counts is advisable.

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INSECT SCIENCE (Pty) Ltd.

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