



Reg. No. / Nr. L 11152 Act 36 of 1947
READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

TrapAll™ T.A. is a mass trapping system for the suppression of tomato leaf miner (*Phthorimaea* previously *Tuta absoluta*) in tomatoes in combination with the Insect Science (Pty) Ltd Water Trap.



WARNING

Hazard Statement

Causes skin irritation.

Precautionary statement

Wear protective gloves.

Wash hands thoroughly after handling.

Active ingredients

Blend of (E,Z,Z)-3,8,11-tetradecatrienyl acetate & (E,Z)-3,8-tetradecadienyl acetate

1.0 mg/lure

Total

1.0 mg/lure

1 Hectare kit for ____ weeks content

Water Trap X 30

T.A. PheroLure® x ____ (L 10429)

REGISTRATION HOLDER

Insect Science (Pty) Ltd.

Reg. Nr. 2000/022528/07

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Batch No.:

Date of manufacture:

Expiry Date:

UN No. 3077

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 refrigerator and use within 12 months.
- No pre-harvest interval is established for the use of **TrapAll™ T.A.** 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

- Avoid contact with skin. Wear protective gloves.
- Take off contaminated clothing and wash it before reuse.
- IF ON SKIN: Wash with plenty of water.
- Dispose of used lures in accordance with local regulations. Do not leave devices in the field indefinitely.

RELEVANT SUBSTANCES

Blend of (*E,Z,Z*)-3,8,11-tetradecatrienyl acetate (CAS 163041-94-9) & (*E,Z*)-3,8-tetradecadienyl acetate (CAS 163041-87-0)

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 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.
- 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 **TrapAll™ T.A.**.
- Under normal conditions the **TrapAll™ T.A.** will attract male tomato leaf miner moths for a period of approximately 4 to 6 weeks.
- The purpose of this kit is mass trapping for suppression of the male tomato leaf miner population within the field, it is not a stand-alone control measure and is ideal in an IPM programme.

DIRECTIONS FOR USE

Only use as directed.

Placement of lure and trap assembly:

- The **TrapAll™ T.A.** is designed for use together with the **Insect Science Water Trap**.

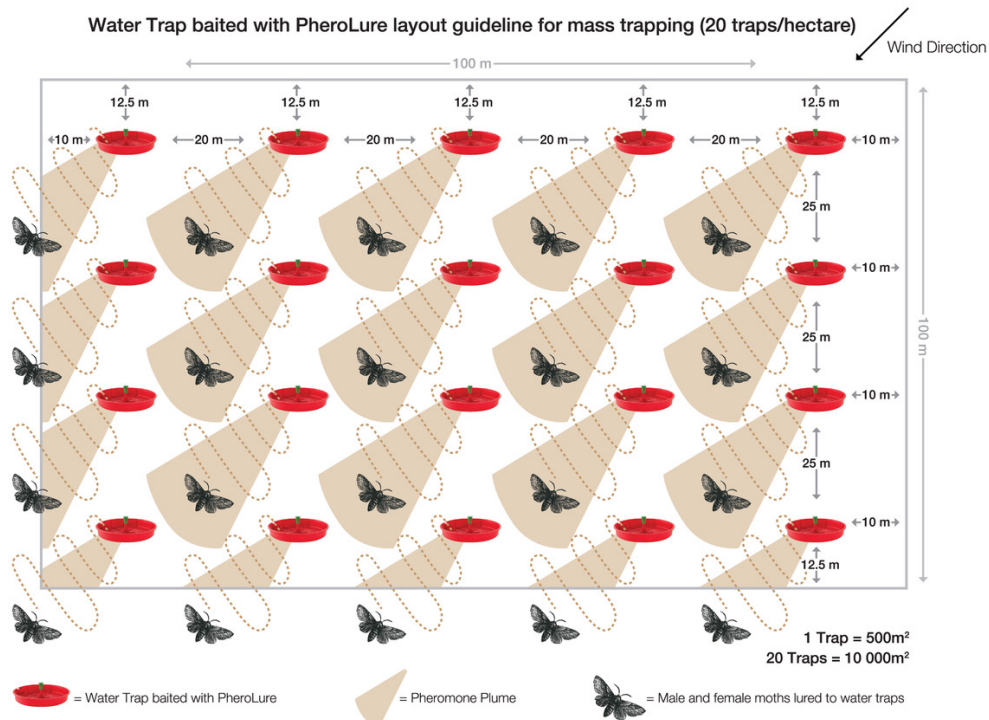
- To assemble the **Water Trap**, insert the pheromone cage into the opening on the middle of the trap. Close the cage with the cage lid provided.
- Remove the **T.A. PheroLure®** from the foil sachet and place it in the lure cage provided.
- Fill the trap with water up to the designated marker and maintain water level regularly.
- Use a surfactant to break water tension in the trap.
- Use a surfactant every time the water level is maintained.

Placement of the trap

- Fields should be divided equally into 20 (approximately 500 m²) – 30 (approximately 333 m²) blocks.
- The traps should be placed evenly throughout the blocks (**see trap placement guidelines below**).
- Place the trap onto a trap stand near the bottom 1/3 of the crop or on the ground that will ensure effective pheromone distribution.
- Ensure the baited traps are always placed on level soil.
- Ensure that the trap is not put 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 maximise spreading of the pheromone.
- Identify every trap with a number for reference and recording purposes.

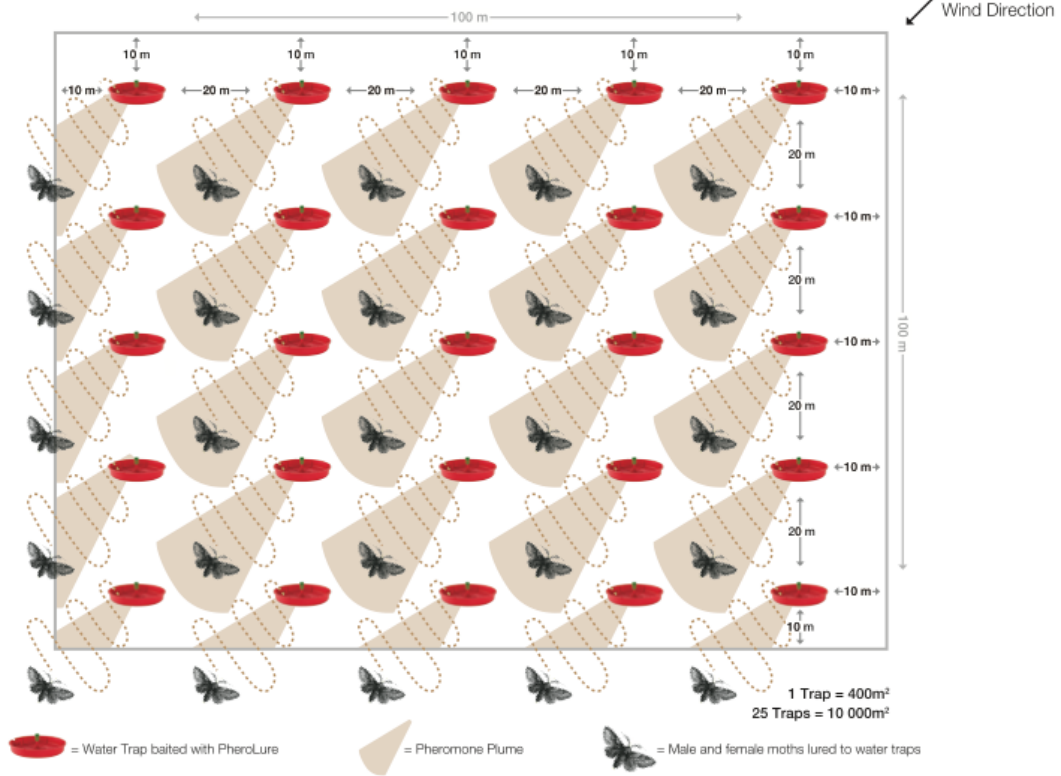
Trap placement guidelines:

1. 20 Traps



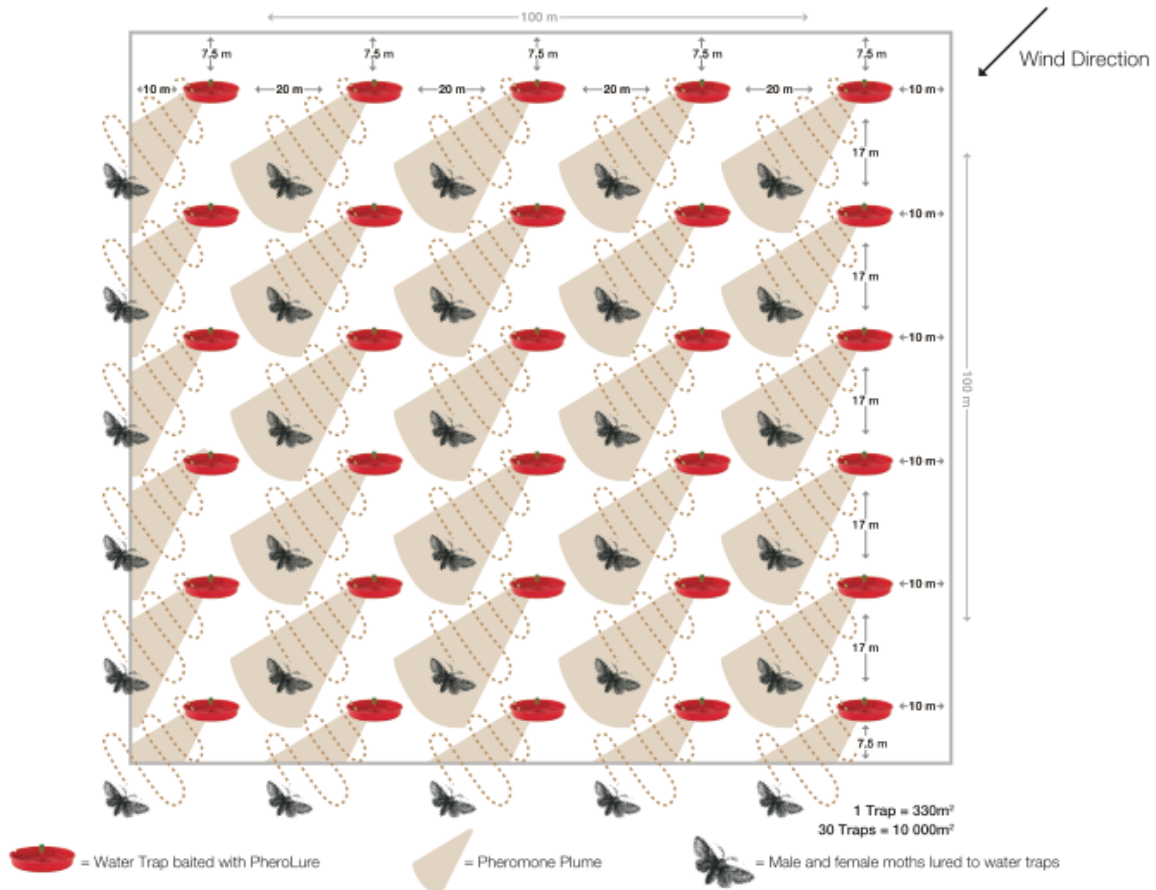
2. 25 Traps

Water Trap baited with PheroLure layout guideline for mass trapping (25 traps/hectare)



3. 30 Traps

Water Trap baited with PheroLure layout guideline for mass trapping (30 traps/hectare)



Timing of trap placement

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

Trap maintenance

- **T.A. PheroLure®** rubber septa should be replaced every 6 weeks.
- Remove the used lures from the field 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 tomato leaf miner counts have been recorded, males must be removed from the trap.

PheroLure® is a registered trademark of **Birdberry Holdings (Pty) Ltd.**

INSECT SCIENCE (Pty) Ltd.

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