



### WARNINGS

- Handle with care.
- May cause skin and eye irritation.
- Keep away from children, uninformed persons and animals.
- Store away from direct sunlight and damp, in a well-ventilated area away from food and feed.
- Do not contaminate drinking water, food and animal feed.
- Store below 30 °C and above 0 °C.
- Toxic to bees. The toxic risk for biological control agents and bees are limited by the method of **LAST CALL™ P.T.M.** application.
- Toxic to fish and other aquatic organisms. Avoid contamination of surface water.

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

### PRECAUTIONS

- Wear suitable protective clothing during handling – overalls and impermeable gloves.
- Avoid contact with skin, eyes or clothing. In the case of accidental contamination, stains are to be washed from the skin using a mild detergent.
- Do not eat, drink or smoke during work and wash hands and face before doing so.
- Change contaminated clothing immediately and wash exposed skin with soap and water.
- After work, change clothing and protective clothing and wash before re-use.
- After application clean the application device thoroughly.
- Dispose of empty containers in a landfill site or incinerate. If incinerated, avoid inhalation of the smoke.
- Do not re-use empty containers for any other purpose.
- Do not contaminate drinking water, food and animal feed.
- Do not apply the product to flowers or fruit and avoid contamination.
- The drops should have a spherical shape for optimum biological activity.

### PRODUCT INFORMATION

- **LAST CALL™ P.T.M.** is effective against Potato Tuber Moth (*Phthorimaea operculella*).
- It contains an attractant and insecticide which attract Potato Tuber Moth with pheromone to the droplet where they mate with the droplet and come into contact with a lethal dose of permethrin. As a targeted chemical application, it attracts the pest to the chemical and avoids affecting any biological control agents. It reduces the amount of chemical needed per hectare to control the pest and there is no spray drift.
- **LAST CALL™ P.T.M.** is non-phytotoxic for crops.
- **LAST CALL™ P.T.M.** is safe to adult and immature stages of beneficial insects, unless through accidental contact.
- When used as directed, no unwanted residues in or on the harvested crop will occur.
- There is no re-entry interval with the use of **LAST CALL™ P.T.M.**

### DIRECTIONS FOR USE

#### COMPATIBILITY

**LAST CALL™ P.T.M.** is not mixable with insecticides or fungicides.

#### USE ONLY AS DIRECTED.

Place a droplet on the upper surface of a leaf by touching the leaf surface.

The product is applied by hand using a dispenser pre-calibrated to deliver 50 micro liter drops. Depending on the pest pressure apply between 2 000 – 4 000 drops per hectare, giving a dosage of 100 – 200 grams of product per hectare.

The disposable dispenser includes the trigger device and the disposable cartridge containing the ready to use **LAST CALL™ P.T.M.** formulation. Prepare the dispenser using the following steps:

- Connect the trigger mechanism and the product containing cylinder. Push the two parts together to break the seal. The two parts are now permanently coupled.
- With the thumb, push the plunger till a drop of grease appears at the tip of the nozzle. The applicator is now ready for use.
- One drop of 5 micro liters will appear for each squeeze of the trigger. Apply droplet in the Top 2/3 of tree for maximum biological activity.
- Distribute droplets evenly throughout area to be treated.

#### APPLICATION RATES

- For best results the product must be applied at the beginning of the first generation of Potato Tuber Moth or at first observation.
- For Potato Tuber Moth control at the end of the potato season the product must be applied eight to ten weeks before the specific harvest date of the field.
- The number of drops per hectare is determined by the population pressure of Potato Tuber Moth and leafminer. Apply product according to the guidelines below.
- Re-Apply the product within 28 days after last application, with a maximum of five applications per season.

| Population Pressure | Number of droplets per Tree    |
|---------------------|--------------------------------|
| High Pressure       | 1 droplet / 2,5 m <sup>2</sup> |
| Low Pressure        | 1 droplet / 5 m <sup>2</sup>   |

| CROP PEST  | DOSAGE   | REMARKS  |
|--|--|--|
| <p><b>Crucifers</b></p> <p>Potato Tuber Moth:<br/><i>(Phthorimaea operculella)</i><br/>Males</p>                       | <p>100 - 200 g/ha<br/>(2000 - 4000 Drops / ha)</p> | <p>Dosage depends on population pressure.</p> <p><b>For Male Moth Control:</b></p> <p>Start to apply Last Call PTM as soon as moths are observed. Apply at 28 days intervals, with a maximum of five applications per season.</p> <p>It is of critical importance to apply a registered insecticide four – six days after the Last Call PTM application to control larva in the fields, especially in older fields where the moth population has built up.</p> |
| <p><b>Tomatoes</b></p> <p>For use in Lowveld only</p> <p>Leafminer<br/>(<i>Pythorimaea operculella</i>)<br/>Males.</p> | <p>100 – 200 g/ha<br/>(2000 – 4000 Drops/ha)</p>   | <p>Dosage depends on population pressure.</p> <p><b>For male moth Control:</b></p> <p>Start to apply Last Call PTM as soon as moths are observed. Apply at 28 days intervals, with a maximum of five applications per season.</p> <p>It is of critical importance to apply a registered insecticide four – six days after the Last Call PTM application to control larva in the fields, especially in older fields where the moth population has built up.</p> |

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