

Read the label before opening the container.

For full particulars, see enclosed leaflet.

# Triflumuron 480

South Africa Reg. No: L 6862 Act No. 36 of 1947

A suspension concentrate insect chitin synthesis inhibitor for the control of false codling moth in citrus, codling moth in apples and pears and mango weevil in mangoes

IRAC INSECTICIDE GROUP CODE: 15

**ACTIVE INGREDIENT:**

Triflumuron (benzoylurea) .....480 g/l

Product Information Tel no: 072 678 8226

In case of poisoning: 082 446 8946

[www.envirobiochem.co.za](http://www.envirobiochem.co.za)

Expiry Date:

Batch No:

Date of Manufacture:

**enviro**  
bio-chem

**Registration holder:**

RT Chemicals CC

Reg. No: CK 87/21925/23

44 Kerk Street, Lichtenburg

North West, South Africa 2740

Tel: +27 87 231 7261



## **WARNINGS:**

Allow the following minimum number of days between last application and harvesting:

- Apples, pears 21 days
- Citrus 30 days
- Mangoes 28 days
- Handle with care.
- Slight skin irritant.
- Harmful to immature arthropods and birds.
- **Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- Store in a cool place, away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.

**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 because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest to the remedy concerned as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of 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 event of any uncertainty.**

## **PRECAUTIONS:**

- Avoid contact with skin and inhalation of fumes or spray mist.
- Wear protective clothing (overall, rubber gloves and face shield) when preparing spray mixture.
- Do not eat drink or smoke whilst applying or mixing or before washing hands and face and change of clothing.
- Wash contaminated clothing daily.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- In case of accidental contact with eyes, rinse eyes thoroughly with clean water for at least 15 minutes.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Triple rinse empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of food, feeds, eating utensils and drinking water.

## **RESISTANCE WARNING:**

For resistance management, TRIFLUMURON 480 is a **group code 15** insecticide. Any insect population may contain individuals naturally resistant to TRIFLUMURON 480 and other **group code 15** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by TRIFLUMURON 480 or any other **group code 15** insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticide from the same insecticide group code.
  - Alternate or tank mix with products from different insecticide codes.
  - Integrate other control methods (chemical, cultural, biological) into insect control programmes.
- For specific information on resistance management contact the registration holder of this product.

**DIRECTIONS OF USE:** Use only as directed

**TRIFLUMURON 480** is an insect chitin synthesis inhibitor and thus interferes with chitin synthesis and interrupts the larval molting process. No harmful effects against a range of beneficial insects have been detected.

**MIXING INSTRUCTIONS:**

Half fill the spray tank with clean water and add the required volume of **TRIFLUMURON 480**. Agitate spray tank contents and fill to the required volume with water. Maintain agitation during mixing and spraying to keep chemical in suspension. The mixture must be sprayed out immediately and not allowed to stand in the spray tank for long periods.

CROP / PEST	DOSAGE	REMARKS
CITRUS False codling moth ( <i>Cryptophlebia leucotreta</i> )	10mℓ/100ℓ water followed by 10mℓ/100ℓ water	<b>Preventive spray programme:</b> Apply 2 cover sprays, one in the first week of December and one in the first week of February.
	OR 20mℓ/100ℓ water	OR Apply as a single cover spray during the first half of January.
APPLES AND PEARS Codling moth ( <i>Cydia pomonella</i> )	7.5mℓ/100ℓ water	Apply as a full cover spray commencing at full bloom and then at 14 to 21 day intervals thereafter.  <b>NOTE:</b> TRIFLUMURON 480 acts on the eggs and young larval stages therefore, application should commence early in the life cycle of the pest.
MANGOES Mango weevil ( <i>Sternochaetus mangiferae</i> )	10mℓ plus 25mℓ wetter/100ℓ water	Commence spraying at first signs of egg-laying. Apply as a cover spray directed at the fruit and wet thoroughly. Repeat after 14 days under heavy infestation pressure.  <b>NOTE:</b> Orchard sanitation is very important in the control of the weevil. Fruit that have fallen off, rotten fruit and seed must be collected as from November until harvesting is completed, and destroyed.