

tecbo^m



TEC-BOM

A contact acting biopesticide for the control of whitefly on a range of protected edibles.

 **fargro**[®]
Ask the Specialists!

TEC-BOM delivering results

TEC-BOM is a biopesticide containing 41.62% w/v potassium salts of fatty acid. TEC-BOM is based on a range of saponified vegetable oils. These oils have been selected for their control of key pests and softness to the plant.

TEC-BOM has a powerful contact mode of action. Once contacted TEC-BOM will desiccate a pest's exoskeleton. This desiccation will then lead to suffocation and dehydration, ultimately leading to pest death.

TEC-BOM is approved for the control of whitefly in tomatoes, aubergine, chilli and pepper under permanent protection full enclosure.





Why Use TEC-BOM

- Contains no animal fats
- Excellent activity against whitefly
- Dissolves the exoskeleton of soft-shelled insects, by altering cell membranes causing death by suffocation and dehydration
- Leaves no chemical residue
- Acceptable in organic production (subject to certification body approval)
- Wetting and cleansing effect

Q&A

Application Rate

Apply at a concentration of 700ml per 100L of water or 7ml p/L.

Maximum under of applications and interval between applications.

A Maximum of 3 applications are allowed with a maximum dose rate of 7 litres per hectare. Apply at an interval of 5 to 7 days.

Harvest interval

TEC-BOM has no harvest interval.

Can I tank mix with TEC-BOM?

TEC-BOM can be mixed with some other pesticides but do not mix with products containing copper, sulphur, oil formulations, phosphite, fosetyl aluminium containing products or acidic products.

Do I need an adjuvant?

There is no data to suggest an adjuvant is required

What is the environmental profile?

Measures should be taken to prevent release to the environment.

Is TEC-BOM mobile in the plant?

TEC-BOM is purely contact acting and has no systemic or translaminar activity.

Is TEC-BOM organic?

Acceptable in organic production (subject to certification body approval).

What effect does hard water have?

Experience from Spain indicated that hard water is not a problem. Only use acidifying water treatments with great care as these may interfere with the product.



How to apply TEC-BOM

TEC-BOM is a purely contact acting bioinsecticide, as such contact with the pest is key.

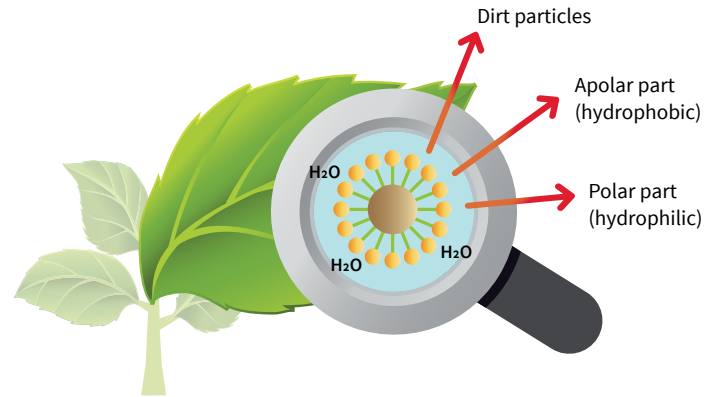
As contact is key, it is critical during application to think about crop coverage and appropriate water volumes. Efforts should be made to cover all leaf surfaces and when treating for cryptic pests and where possible the underside of the leaf should also be treated

- Crop architecture and pest behaviours can influence contact of the pest.
- TEC-BOM is labelled for the control of whitefly, both *Trialeurodes vaporariorum* and *Bemisia tabaci*.
- Wider trials have shown that TEC-BOM has a broad spectrum of activity on a range of soft bodied pest such as; whitefly, aphids, mites and psylla.
- TEC-BOM will not offer a significant control of large lepidopteran spp. and beetles.



Key TEC-BOM attributes

- Fatty acids from food grade vegetable products
- High physical and chemical stability, no multiphase emulsion
- Genuine pesticidal soap; activity not due to co-formulants
- Effective against soft bodied pests
- A soft soap, very soft on the plant



Storage

To ensure TEC-BOM remains effective during storage here are some simple tips for storage.

- Store TEC-BOM in its original container at an ambient temperature in a dry place
- Storing at lower temperature will not effect TEC-BOM however, is not necessary
- Use prepared sprays straight away and do not store diluted product
- TEC-BOM has a shelf life of two years

IPM programme for the control of whitefly

Bio control

Utilise programmed introductions of a range of biocontrols.



Physical control

Use barriers and traps.



Chemical control

Regular applications of whitefly control products such as TEC-BOM.



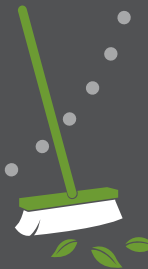
Monitoring

Crop walk weekly. Base controls on pest pressure.



Hygiene

Maintain excellent hygiene levels throughout the year.



Integrated Pest Management Programme



Approval holder

IBERFOL SL (Grupo Agrotecnología)

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Pack size 5 litres outers of 4.

Safety data sheet available on request.

MAPP No: 17455

Active ingredient: 41.62% w/v potassium salts of fatty acids

Formulation type: Soluble concentrate (SL)

Application method: Foliar spray

Application rate: 7lt per hectare with a maximum concentration of 700ml per 100lt.

Crops: Tomatoes, Aubergines, Chilli and Peppers (Permanent protection with full enclosure)

Control: Whitefly

Pack size: 5lt

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS IS INCLUDED IN THE PRODUCT LABEL. THIS BOOKLET IS NOT A MANUAL AND THE INFORMATION PRESENTED HERE SHOULD NOT BE USED TO GUIDE THE USAGE OF THIS PRODUCT. PLEASE REFER TO THE PRODUCT LABEL AND TECHNICAL NOTES AVAILABLE FROM FARGRO FOR UP-TO-DATE RECOMMENDATIONS.

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