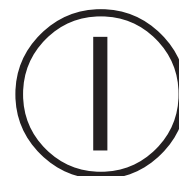


## TEC-BOM®



TEC-BOM is a soluble concentrate (SL) formulation containing potassium salts of fatty acids 41.62% w/v.

An insecticide soap for moderate control of whitefly (*Trialeurodes vaporariorum* and *Bemisia tabaci*) on tomato (permanent protection with full enclosure), aubergine (permanent protection with full enclosure), pepper and chilli (permanent protection with full enclosure).

**Product registration number: MAPP 17455.**

A powerful, biodegradable contact action insecticide based on an exclusive selection of saponified vegetable oils from food grade sources.  
A soft soap, gentle with plants.  
Good 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).  
Powerful wetting and cleansing effect.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of these products at work.  
Use plant protection products safely. Always read the label and product information before use.

### VERSION CONTROL

Version	Publication Date	Main changes from previous version
02/20	February 2020	New product.

## TEC-BOM TECHNICAL NOTES:

### APPLICATION GUIDANCE

Apply foliar sprays at first sign of the pest, covering all parts of the crop at a concentration of 700ml per 100 litres. A maximum of 3 applications are allowed. A maximum dose rate of 7 litres per hectare is allowed, equivalent to 1000 litres of spray per hectare. Apply at an interval of 5 to 7 days.

### HARD WATER AND WATER TREATMENTS

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

### PESTS CONTROLLED

Experience overseas has shown that TEC-BOM can offer a broad spectrum of pest control with activity on whitefly, aphids, mites, psylla and some other soft-bodied insects, however, only whitefly is on label. Control of other pests must be in accordance with label recommendations and efficacy cannot be guaranteed.

### MIXES

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

## TEC-BOM®

The following text is taken from the Product Label:

**TEC-BOM is a soluble concentrate (SL) formulation containing potassium salts of fatty acids 41.62% w/v.**

An insecticide soap for moderate control of whitefly (*Trialeurodes vaporariorum* and *Bemisia tabaci*) on tomato (permanent protection with full enclosure), aubergine (permanent protection with full enclosure), pepper and chilli (permanent protection with full enclosure).

**Product registration number: MAPP 17455.**

## DIRECTIONS FOR USE

This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

TEC-BOM is an insecticidal soap, a product based on potassium soap formulated as a soluble liquid containing 41.62% w/v potassium salts of fatty acids. It is for the moderate control of whitefly (*Trialeurodes vaporariorum* and *Bemisia tabaci*) on tomato, aubergine, pepper and chilli crops grown under permanent protection with full enclosure.

Consult processor before using on crops intended for processing.

## APPLICATION RATE

Application rate: 7ml/L water (use a maximum of 7 L/ha).

Maximum number of applications: 3.

## MIXING AND SPRAYING

In order to achieve consistent and reliable results in the listed crops, the following advice must be followed: It is an alkaline compound, so it is not recommended to mix it with products of acid reaction. The hardness of the water can influence the product, so for the application, it is advised to regulate the water to a neutral pH.

Add sufficient water to the mixing tank, to allow proper agitation. Continuous agitation must be maintained until spraying is complete. The pest needs to be contacted with the spray solution to be effective. Efforts should be made to thoroughly reach all plant parts, including the underside of leaves.

All equipment must be thoroughly cleaned with water prior to storage or use on other crops.


## RESISTANCE

There are no reports of resistance to TEC-BOM, however, it is good practice to use such products as components of Integrated Pest Management systems, alternating with other control measures. This is particularly important for sequential crops.

## QUALIFIED RECOMMENDATION FOR MINOR USE.

TEC-BOM is for the moderate control of whitefly (*Trialeurodes vaporariorum* and *Bemisia tabaci*) on tomato in greenhouse situations, but can also be used on aubergine, pepper and chilli under protected greenhouse situations. This qualified recommendation for minor use provides for the use of TEC-BOM in protected aubergine and protected pepper and chilli and is based on limited data with regards to effectiveness and crop safety.

<b>IMPORTANT INFORMATION</b>			
FOR USE ONLY AS A HORTICULTURAL INSECTICIDE			
Crops	Max individual dose (L/ha)	Max number of treatments (per crop)	Latest time of application
Tomato (permanent protection with full enclosure), aubergine (permanent protection with full enclosure), pepper and chilli (permanent protection with full enclosure)	7	3	-
<p>Other specific restrictions:</p> <p>1/ The maximum concentration must not exceed 7.0 ml per litre water.</p> <p>2/ Treatment must only be made under 'permanent protection' situations which provide full enclosure (including continuous top and side barriers down to below ground level) and which are present and maintained over a number of years.</p> <p>3/ Reasonable precautions must be taken to prevent access of birds, wild mammals and honey bees to treated crops.</p> <p>4/ To minimise airborne environmental exposure, vents, doors and other openings must be closed during and after application until the applied product has fully settled.</p> <p><b>READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.</b></p>			

<p><b>TEC-BOM a soluble concentrate formulation containing 41.62% w/v potassium salts of fatty acids</b></p> <p><u>Hazard statements</u></p> <p><b>Causes serious eye irritation.</b></p> <p><b>May cause respiratory irritation.</b></p> <p><u>Precautionary statements</u></p> <p>Do not breathe vapours/spray.</p> <p>Avoid release to the environment.</p> <p>Wear protective gloves/protective clothing/eye protection/face protection</p> <p>IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.</p> <p>IF IN EYES: rinse cautiously with water for several minutes. If eye irritation persists, get immediate medical advice/attention.</p> <p>Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.</p> <p><b>To avoid risks to human health and the environment, comply with the instructions for use.</b></p>	 <p><b>Warning</b></p>
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## SAFETY PRECAUTIONS

### Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IN THE CASE OF ACCIDENT CALL THE DOCTOR AND HAVE THE LABEL AND MSDS AVAILABLE.

### Environmental protection

Avoid release to the environment.

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

### Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

DO NOT RE-USE CONTAINER for any other purpose.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of container safely.

NOTE. The company does not warrant the fitness of this material for any particular use and assumes no responsibility for injury or damage caused directly or indirectly by or related to the use of the material. The information contained in this sheet is developed from what IAB, S.L. believes to be accurate and reliable sources, and is based on the opinions and facts available on the date of preparation.

### AUTHORISATION HOLDER:

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Pack size 5 litres outers of 4.

Safety data sheet available on request.

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