

BIO-T PLUS™

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.
PRECAUTIONS:

1. Handle with care. Harmful when swallowed. Avoid contact. Dangerous when inhaled.
2. Store away from sun and damp conditions.
3. Store in the original closed container in a cool, dry and well-ventilated place **UNDER LOCK AND KEY.**
4. **KEEP APART FROM FOOD AND FOODSTUFFS, SEEDS AND FERTILIZERS.**
5. **KEEP OUT OF REACH OF CHILDREN, UNAUTHORIZED PERSONS AND ANIMALS.**
6. Wear protective clothing e.g. overall, rubber gloves, nose covers and gumboots when handling, preparing and applying the spray mixture.
7. Keep livestock out of freshly treated areas.
8. **DO NOT** apply when bees are foraging.
9. **DO NOT** carry **Bio-T Plus™** in a vehicle which is used to carry people.
10. **DO NOT** apply on silkworms.
11. Wash contaminated clothing after use.
12. Wash with soap and water after use or after accidental skin contact.
13. **DO NOT** eat, drink or smoke while mixing, applying or before washing hands and face or change of clothing.
14. **DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.
15. Clean application equipment after use. **DO NOT** dispose of water where it can contaminate other crops, grazing, rivers or dams, feedstuffs, drinking water and eating utensils.

STORAGE: **Bio-T Plus™** should be stored in a cool and dry place. Temperatures above 25°C can destroy the *Bacillus thuringiensis* spores.

CONTAINER DISPOSAL: Triple-rinse empty packaging before disposal. Add rinsate to the mixing tank. **DO NOT** dispose of undiluted chemicals on-site. Dispose of at a local authority landfill. If no landfill is available, bury the container below 50 cm in a disposal pit specifically marked and set up for this purpose, which should be away from waterways, desirable vegetation and tree roots, and in line with local regulations. Empty packaging and product should not be burnt. **DO NOT** re-use the empty packaging for any other purpose.

DEALING WITH SPILT PRODUCT: Recover the remaining material as appropriate, preferably using a vacuum or scoop. Place contaminated material in appropriate container for disposal according to local procedures and regulations. Do not flush material to public sewer systems or any waterway.

SYMPTOMS OF POISONING: This product may be harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation.

FIRST AID INSTRUCTIONS:

Eyes: Hold eye open and rinse slowly and gently for 15-20 minutes with clean water. Obtain medical advice if irritation persists.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water and soap for 15-20 minutes.

Ingestion: Have patient drink plenty of water if able to swallow. **DO NOT** induce vomiting unless if told to do so by a medical practitioner. Keep patient at rest. Do not give anything by mouth to an unconscious person.

Inhalation: Move patient to fresh air. If patient is not breathing, administer artificial respiration, preferably mouth-to-mouth. In all cases call a Poison Control Center or medical practitioner for treatment advice.

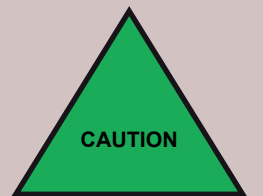
NOTE TO PHYSICIAN:

No known symptoms. Treat symptomatically. This pesticide contains petroleum distillate and may cause aspiration pneumonia. Excessive inhalation of carrier may cause lipid pneumonia.

Reg. No:

13-D-124-8

INSECTICIDE



HARMFUL IF SWALLOWED

Composition:

Bacillus thuringiensis var *kurstaki*
Serotype H-3a, 3b Strain Z-52
Inert ingredients

Chemical Groups:

Bacterium

Net Content:

1 Kg

Mass/Volume %

36.000IU/mg

up to 1 Kg

A Biological insecticide formulated from a strain of *Bacillus thuringiensis* var *kurstaki*, which controls Caterpillars in a wide range of crops

Shelf Life	12 months from manufacture date when stored in unopened original container in a cool, dry and well ventilated place.
Manufacture Date	
Expiry Date	
Batch No.	

READ THE ENTIRE LABEL AND INSERTS PRIOR TO USE
KEEP LOCKED UP & OUT OF REACH OF CHILDREN

Supplied by:

Sineria

Sineria Holland BV
Randwycksingel 20-A015
6229 EE Maastricht,
The Netherlands
www.sineria.com

GENERAL INFORMATION: USE ONLY ACCORDING TO LABEL INSTRUCTIONS.
CAREFULLY READ THE LABEL BEFORE USE.

DESCRIPTION: **Bio-T Plus™** is a biological insecticide, formulated from a strain of *Bacillus thuringiensis* var *kurstaki*, which controls caterpillars in a wide range of crops.

TIMING:

Bio-T Plus™ is sprayed 1-3 times throughout the growing period of the crops, especially during flowering and fruiting. **Bio-T Plus™** should be applied after detecting eggs of Lepidoptera species during scouting. It is most effective when caterpillars are small (First larval stages). After ingesting, caterpillars stop feeding and die within 2-3 days. For maximum efficacy, apply in the evening.

PREPARATION OF SPRAY MIXTURE: Half-fill the tank with water, and add the required amount of **Bio-T Plus™**. Mix thoroughly while filling the tank with water, up to the recommended volume. Ensure that the spray mixture is used on the day of preparation.

APPLICATION REMARKS: Use a knapsack sprayer or a motorized sprayer, which produces a fine mist. Ensure thorough crop foliage coverage. Repeat after 10-14 days if needed.

APPLICATION RATES:

Crops	Pests	Application Rate (kg / Ha)	Dosage Rate (g / 20 Lt of water)
French Beans	<i>Heliothis armigera</i> (<i>Helicoverpa amigera</i>)	0.5-1.0 Kg / Ha	10-20 g per 20 liters of water
Vegetables, Peas, Brassicas	White butterfly (<i>Pieris</i> sp.), Fruit worms (<i>Helicoverpa</i> sp., <i>Ostrinia</i> sp.), other Caterpillars	0.5-1.0 Kg / Ha	10-20 g per 20 liters of water
Passion fruits, Avocados, Blueberries	Lepidoptera pests, <i>Pieris</i> sp., False colding moths	0.5-1.0 Kg / Ha	10-20 g per 20 liters of water

COMPATIBILITY: **Bio-T Plus™** is compatible with most of the commonly used pesticides. **DO NOT** mix with alkaline products like Bordeaux mixture, liquid fertilizers and foliar nutrients. The supplier makes no recommendation in regard to the compatibility of this product with any other products. **NO WARRANTY** is provided by the supplier for mixtures of this product and any other products. When mixing this product with other products, the buyer/user takes full responsibility and risk.

IMPORTANT NOTE: This product must be used strictly as directed and in accordance with the instructions appearing on the label. The supplier accepts no liability other than as indicated in the Supplier's 'terms and conditions of sale' and the warranty clauses indicated on the product's label.

WARRANTY: Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the products on that condition.

POISON INFORMATION CENTERS:

Red Cross Poison Information Centre: +27 (0)21 689 5227
Tygerberg Poison Information Centre: +27 (0)21 931 6129
Griffon Poison Information Centre: +27 (0)82 446 8946



WARNING

