

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

PRECAUTIONS:

1. Handle with care; avoid any contact, poisonous by swallowing or inhalation.
2. Do not eat, drink or smoke while mixing, applying, handling or before washing hands and face.
3. **WEAR PROTECTIVE CLOTHING**, i.e. overalls, rubber gloves, and rubber boots and a facemask while mixing, spraying and cleaning up.
4. Risk of serious damage to eyes.
5. Do not inhale mist or spray against the wind.
6. Remove protective clothing on completion of spraying, wash thoroughly with soap and water, and wash contaminated clothing daily.
7. Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
8. **KEEP OUT OF REACH OF CHILDREN, UNINFORMED PERSONS AND ANIMALS.**
9. **KEEP APART FROM FOOD AND FOODSTUFFS.**
10. **STORE IN A COOL, DRY PLACE AWAY FROM FOOD AND FEEDSTUFFS IN ORIGINAL CONTAINER, KEEP UNDER LOCK AND KEY.**
11. **TOXIC TO FISH AND WILDLIFE. DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS AND WATERWAYS.**
12. **HARMFUL TO BEES** - do not spray flowering crops with Thunder during foraging activity of honey bees.
13. **SPILLAGE** - Use protective clothing when dealing with spillages. Prevent entry into drains, water or soil. Soak up spilled product with absorbent material such as dry soil, sawdust or sand and place into a labelled closable container for safe disposal. Use damp cloth to clean the floor and contaminated parts. Place used cleaning materials into closable container for safe disposal. Bury container in a disposable pit away from water sources or arable land.
14. **CONTAINER DISPOSAL** - Triple rinse container emptying washings into spray tank and spray onto crop. Perforate and flatten rinsed container to make it unusable or burn it and bury crushed container or ashes in a recommended disposal pit in a secure location away from water sources or arable land. Do not use empty container for any other purpose.
15. **RE-ENTRY:** Do not enter treated area within one day after treatment unless wearing protective clothing.

SYMPTOMS OF POISONING:

Systemic: Discomfort in the chest, tachycardia, hypotension, nausea, abdominal pain, diarrhoea, vomiting, dizziness, blurred vision, headache, anorexia, somnolence, coma, convulsions, tremors and prostration.

FIRST AID:

1. Remove patient from source of poisoning and remove contaminated clothing.
2. If skin is contaminated, wash affected areas of skin thoroughly with soap and water.
3. If eyes are contaminated, flush well with clean water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
4. If swallowed, do not induce vomiting. Wash mouth with water. Seek medical advice immediately.
5. Show container with label to attending doctor.

NOTE TO PHYSICIAN:

Treatment: No specific antidote is known for imidacloprid and beta-cyfluthrin active ingredients. Systemic treatment: Symptomatic treatment. Monitor respiratory and cardiac functions. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. Keep respiratory tract clear. Give oxygen or artificial respiration if needed. In case of convulsions, a benzodiazepine (e.g. diazepam) should be given according to standard regimens. If not effective, phenobarbital may be used. Contraindications: Atropine, derivatives of adrenaline. Recovery is spontaneous and without sequelae.



THUNDER

Reg. No. 11-D-121-7-D-142-50

CONTENTS: 1 L

CAUTION

HARMFUL IF SWALLOWED

COMPOSITION:	MASS/VOLUME
imidacloprid	100 g/l
beta-cyfluthrin	45 g/l
inert ingredients	855 g/l

**Chemical Group : Imidacloprid – Chloro-nicotinyl
Beta-cyfluthrin – Pyrethroid**

**A FOLIAR APPLIED INSECTICIDE FOR USE IN TOBACCO,
ORNAMENTALS, VEGETABLES, WHEAT AND BARLEY AGAINST
VARIOUS SUCKING AND CHEWING
INSECT PESTS.**

**SHAKE WELL
BEFORE USE**



HARMFUL

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

General Information: **Thunder** is an insecticide combination product of two active ingredients – imidacloprid, (a chloro-nicotinyl compound) and beta-cyfluthrin (a pyrethroid compound). Imidacloprid acts as an acute contact and stomach poison. It has excellent systemic properties and a significant residual activity. Imidacloprid has a broad spectrum of activity, particularly against sucking insects such as aphids, leafhoppers, thrips, leaf miners and white flies and provides additional control of bean fly on a wide range of crops.

Beta-cyfluthrin is a non systemic insecticide with contact and stomach action. It has a rapid knock-down effect and long lasting residual activity. Beta-cyfluthrin has a broad spectrum of activity against numerous species of chewing (biting) insect pests in particular lepidopterous insects like *Heliothis* spp., *Spodoptera* spp., *Earias* spp. and others. It also provides good control of aphids and some beetle species and their larvae. The mode of action of **Thunder** combines the highly systemic and contact action of imidacloprid and the stomach and contact action of beta-cyfluthrin.

This combined mode of action is highly advantageous in an infestation situation with insects of different feeding habits (sucking and chewing) occurring at the same time or at different times.

NOTE: Shake the product container well before use.

Crop tolerance: Thunder is well tolerated by crops listed on the label when used as recommended.

Note: As the different species and varieties of flowers/ornamentals may differ in their sensitivity to chemical spray, users are advised always to check for crop compatibility by firstly treating a few plants before large scale application is undertaken.

Mixing: Half fill the spray tank with clean water. Shake the product container and add the required quantity of **Thunder** to the water in the tank with the agitation system in operation, then top up with clean water to the required volume. Continue agitation at all times during mixing, spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

Resistance strategy: In context with resistance prevention strategies, the product should be used within spray programmes i.e. alternating with registered insecticides of other chemical groups with different modes of action.

WARRANTY: 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 soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pests to the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore 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 the event of any uncertainty.

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Manufactured by Bayer CropScience AG, Germany

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Batch No.: See on pack
Date of Manufacture: See on pack



Bayer CropScience

ZM/ZW/MLW/1011/Thunder 1L/Full Text Label
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