

# INSECTICIDE



## NEMOLT<sup>®</sup>

A suspension concentrate containing  
150 g per litre (13.6% w/w) teflubenzuron

A selective insecticide for the control of a range of caterpillar  
pests and whitefly in ornamental plant production.

Product Registration Number: **MAPP 10226**

Effective against whitefly and caterpillars whilst being harmless to a wide range  
of beneficial insects.

NEMOLT is an insect growth regulator disrupting the moulting process of larvae  
and also has some activity against eggs, especially those of Lepidoptera.

Distributed by:

**fargro<sup>®</sup>**

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**ALWAYS READ THE LABEL: USE PESTICIDES SAFELY**

# NEMOLT

- Novel mode of action ensures effective control of whitefly (*Trialeurodes* spp. and *Bemisia* spp.) as well as caterpillars including the Brown Tail Moth.
- The active ingredient is teflubenzuron, an insect growth regulator belonging to the benzoylurea group which inhibits the synthesis of chitin. Chitin requirement is highest during the moulting process, which occurs several times during the development of an individual insect. NEMOLT disrupts the moulting process and death of the insect occurs during moulting or pupation. Treated larvae do not die immediately, however they stop feeding, and cause no further crop damage.
- Does not penetrate the leaf but remains on the surface. Activity is achieved primarily through the ingestion of treated foliage or from contact during the spray application.
- The initial insect population will contain all stages of development. NEMOLT acts mainly on the immature stages of the pest and therefore repeated applications will be necessary to achieve control. There is some effect on eggs, especially of Lepidoptera. Adult insects are not killed by NEMOLT but eggs laid by treated females will mainly be sterile further reducing the population of the pest.
- Laboratory and field tests have shown that NEMOLT has no adverse effects on a wide range of beneficial insects.
- Not phytotoxic to plants but growers are advised to test spray varieties of unknown tolerance.
- Thorough coverage of the plant is very important and water volumes of up to 2,000 litres per hectare should be used on tall or dense crops.

*The following text is taken from the approved product label:*

## DIRECTIONS FOR USE

**IMPORTANT:** 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.

NEMOLT acts mainly as a stomach poison to larvae of susceptible species. It is an insect growth regulator, interfering with the moulting process, resulting in rapid cessation of feeding and subsequent death of the larvae.

### TIMING

NEMOLT should be applied early during the build-up of the pest population. To keep

feeding damage low, apply NEMOLT as soon as first stage larvae are visible. For many pests optimum timing coincides with the peak of moth flight. This is particularly important where pests occur on the underside of leaves.

### PEST CONTROL

For the control of brown-tail moth, caterpillar pests and whitefly.

### CROPS

Ornamentals.

### Control of brown-tail moth, caterpillar pests

Time of Application: Apply at the beginning of egg hatch. Repeat applications may be necessary to maintain control.

Rate of Application: Use a high volume dilution of 0.5 litres in 1000 litres of water.

### Control of whitefly

Time of Application: Apply at 7 day intervals under warm conditions and 10 to 14 day intervals under cool conditions.

Rate of Application: Use a high volume dilution of 0.5 litres in 1000 litres of water.

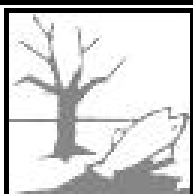
### INTEGRATED PEST MANAGEMENT

Limited data suggest that NEMOLT has some margin of safety to *Encarsia formosa*. Effects on other parasites and predators have not been fully tested, and therefore compatibility cannot be assumed.

### MIXING AND SPRAYING

Shake the bottle thoroughly before opening. Add the required volume of NEMOLT to clean water in the spray tank and mix well. Replace cap tightly after use.

This product is approved under the Control of Pesticides Regulations 1986, The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.



**DANGEROUS  
FOR THE  
ENVIRONMENT**

## NEMOLT<sup>®</sup>

A suspension concentrate containing 150 g/litre teflubenzuron and ethylene glycol.

**VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. TOXIC TO BEES.**

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

When using do not eat, drink or smoke.

This material and its container must be disposed of in a safe way.

Use appropriate containment to avoid environmental contamination.

Contains formaldehyde, 5-chloro-2-methyl-2,3-dihydroisothiazol-3-on and 2-methyl-2,3-dihydroisothiazol-3-on. May produce an allergic reaction.

**To avoid risks to man and the environment, comply with the instructions for use.**

### COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED \* IS A LEGAL REQUIREMENT

FOR USE ONLY AS A HORTICULTURAL INSECTICIDE as directed below:

Crop/situation:

Ornamental plant production

Maximum Individual Dose:

See 'Other Specific Restrictions' below

Maximum Number of Treatments:

Three per year

#### Other Specific Restrictions:

A maximum concentration of 0.5 litres product/1,000 litres of water must not be exceeded.

**READ ALL OTHER SAFETY PRECAUTIONS & DIRECTIONS FOR USE BEFORE USE**

## SAFETY PRECAUTIONS

Precautions marked \* are a legal requirement.

### Operator Protection

\* Engineering controls 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.

WASH HANDS before meals and after work.

### Environmental Protection

\* DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

### Storage and Disposal

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

PROTECT FROM FROST.

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With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has 'off-label' approval or is otherwise permitted under the Control of Pesticides Regulations.

The information on this label is based on the best available information including data from test results.

**Pack size:** 1 litre  
**Outers:** 10 x 1 litre

® NEMOLT is a registered Trademark of BASF plc

**Supplied by**

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Safety data sheet available on request.

**Distributed by Fargo Ltd.**

Emergency 24 hour telephone number for Nemolt 0161 485 6222

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