



FORESTER

An emulsion in water formulation (EW) containing 100g/L (10% w/w) cypermethrin.

For professional use only as a contact insecticide for the reduction of damage by large pine weevil in forestry and control of bark beetles on felled logs.

Product registration number: MAPP 13164.

Specifically for use in forestry.

Contact and stomach acting with residual activity.

A post-planting spray treatment to control large pine weevil.

A spray treatment for felled logs against bark beetles, bark breeders and wood breeders.

Hylobius abietis, the large pine weevil, damages forestry transplants by feeding on the bark, often ring-barking the tree. Adult weevils have two peak periods of feeding, the first between April and June and the second between July and October. Post-planting forestry applications of FORESTER should be made either before damage is seen, or at the onset of damage in the first two years after transplanting. For control of large pine weevil, apply by forest drench gun or a metered dose knapsack sprayer.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Use plant protection products safely. Always read the label and product information before use.

VERSION CONTROL

Version	Publication Date	Change from previous version
04/18	April-2018	5 litre pack only. Approval holder Arysta. Revised emergency telephone number.

FORESTER

The following text is taken from the approved product label:

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Product registration number: MAPP 13164.

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.

NOTE: FORESTER has been tested on Sitka spruce but safety to other tree species cannot be assumed. Test a small number of trees for tolerance first before treating large numbers of species of trees.

**FORESTER
INSECTICIDE**

FORESTRY	
Against Large Pine Weevil (<i>Hylobius abietis</i>).	Post planting: Knapsack sprayer/handheld sprayer: 0.2% (active substance) solution (20ml product/L water). Apply 10-20 ml diluted spray/tree (from the ground level to 15cm above the root collar). Apply as close as possible to the peak of activity of <i>Hylobius</i> to improve efficacy i.e. in April and July.
Preventative treatment against bark beetles (<i>Scolytidae</i>) on felled logs: Bark breeders (e.g. <i>Ips</i> species, <i>Pityogenes chalcographus</i> , <i>Hylurgops</i> sp.); wood breeders (e.g. <i>Trypodendron lineatum</i> , <i>Hylecoetus dermestoides</i>).	Knapsack sprayer/handheld sprayer: 0.1% (active substance) solution (10ml product/L water). Apply 5L diluted spray per cubic metre felled logs. Apply the first preventative application in spring, at the first signs of the end of hibernation.
Curative treatment against bark beetles (<i>Scolytidae</i>) on felled logs to kill emerging insects and thus prevent re-infestation: - Bark breeders (e.g. <i>Ips</i> species, <i>Pityogenes chalcographus</i> , <i>Hylurgops</i> sp.) - Wood breeders (e.g. <i>Trypodendron lineatum</i>)	Knapsack sprayer/handheld sprayer: 0.1% (active substance) solution (10 ml product/L water). Apply 5L diluted spray per cubic metre felled logs. Apply in late summer/early autumn when the majority of the pupae have changed into the adult stage and these young adult beetles start to fly out of the timber through the bark. Apply in early spring shortly after the beetles finish hibernating and start drilling into the timber for breeding.

MIXING AND SPRAYING

Shake well before use.

Half-fill the spray tank with clean water. Add the required quantity of FORESTER and begin agitation. Add the remainder of the water and continue agitation during spraying.

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 CLOTHING (IMPERMEABLE COVERALLS), SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when handling the concentrate and when applying the product to container-grown forestry transplants as a post-planting spot treatment.

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

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

TAKE OFF IMMEDIATELY all contaminated clothing.

AFTER CONTACT WITH SKIN, WASH IMMEDIATELY with plenty of water.

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

Environmental protection

Do not contaminate water with product or its container.

To protect aquatic organisms, do not allow direct spray from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body. Aim spray away from water.

Storage and disposal

DO NOT RE-USE CONTAINER for any purpose.

PROTECT FROM FROST.

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

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

IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS A FORESTRY INSECTICIDE

Crop:	Forestry
Maximum individual dose:	20 ml product/litre
Maximum number of treatments:	3 per year (forestry) 3 per year (cut logs)

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.

FORESTER is an oil in water emulsion containing 100g/L (10% w/w) cypermethrin.



Warning.

Harmful if swallowed.

May cause an allergic skin reaction.

Very toxic to aquatic life with long-lasting effects.

Keep out of reach of children.

Avoid breathing spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Do not eat, drink or smoke when using this product.

IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

Conditions of Supply

Seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such labels, only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or manner of use or application, all of which are beyond the control of the seller. In no case shall seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Seller makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

MANUFACTURER, MARKETING AND APPROVAL HOLDER:

Arysta LifeScience Benelux sprl

Rue de Renory 26/1

B-4102 Ougrée

Belgium

Tel: 00 32 4385 9711

Emergency 24-hour number for FORESTER: 01235 239670

Pack size: 5 litre.

Outers of: 4 x 5 litre.

Safety data sheet available on request.

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