

DIMILIN® FLO

'MAPP No. 08769'

A selective insecticide for the control of larvae of a range of pests on ornamental plant production, nursery stock, amenity trees, shrubs and hedges, and forestry.

Manufacturing date and batch no.: see packaging

DIMILIN FLO

A suspension concentrate formulation containing 480 g/l diflubenzuron (40% w/w)

Authorisation Holder:

Arysta LifeScience Registrations Great Britain Ltd,
198 Golden Hillock Road, Birmingham, B11 2PN

Marketing Company:

Arysta LifeScience Great Britain Ltd, 3-5 Melville Street,
Edinburgh, EH3 7PE, Tel.: 01924 888151

24 Hour Emergency Telephone no.: 01235 239670

PROTECT FROM FROST

500 ml

GB-D48-140-02 (0318)



INSECTICIDE

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

IMPORTANT INFORMATION

FOR USE ONLY AS HORTICULTURAL/FORESTRY INSECTICIDE.

For use in a wide range of crops/situations)	
Maximum individual dose)	
Maximum number of treatments)	Details are given under
Latest time of application)	DIRECTIONS FOR USE

Other specific restrictions

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer or broadcast air-assisted sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

The spray droplet spectra produced must be of a minimum volume median diameter (VMD) of 200 microns.

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.

SEE ATTACHED LEAFLET FOR 'DIRECTIONS FOR USE'

DIMILIN FLO

A suspension concentrate formulation containing 480 g/l diflubenzuron (40% w/w)

WARNING:

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

AVOID RELEASE TO THE ENVIRONMENT

COLLECT SPILLAGE

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

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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

SAFETY PRECAUTIONS

Operator protection

WASH HANDS before meals and after work.

Environmental protection

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

To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.



DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing waterbody. Aim spray away from water.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 10 m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water. DO NOT SPRAY from the air within 250 m horizontal distance of surface waters or ditches.

Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. EMPTY CONTAINER COMPLETELY and dispose of safely.

This leaflet is part of the authorised 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.

TIMING

DIMILIN FLO is most active on early instar stages; therefore the most effective control is obtained by spraying from egg lay to early instar stage.

MIXING AND RINSING OF CONTAINERS

Part fill the spray tank with clean water and start agitation. Slowly invert the container several times before using to ensure uniform mixture. Add the correct amount of DIMILIN FLO to the sprayer using a filling device (e.g. induction bowl, probe etc.) or by direct addition to the spray tank. Complete filling, agitating thoroughly before and during application.

After use, wash out container thoroughly. Preferably use an integrated pressure rinsing device or manually rinse three times. Add washings to the sprayer at the time of filling.

APPLICATION

Good spray cover is essential to achieve optimum control, especially the undersides of leaves and on large trees where there is a full leaf canopy.

Apply the recommended water volume using a suitable sprayer correctly set to give good spray cover. Do not leave the spray liquid in the sprayer for long periods (e.g. during meals or overnight).

COMPATIBILITY

DIMILIN FLO is compatible with:

'Nimrod' (MAPP 10530)

Before using a tank mixture, always consult and comply with the recommendations of the partner product.

BIOLOGICAL CONTROL

DIMILIN FLO has negligible effect on many beneficial insects including parasitic wasps (*Aphidius*, *Encarsia* and *Trichogramma spp.*; Chalcid and Ichneumonoid wasps), predatory mites (*Amblyseius*, *Phytoseiulus* and *Typhlodromus spp.*), midges and hoverflies (*Aphidoletes* and *Syrphus spp.*), lacewings (*Chrysopa spp.*), beetles and ladybirds (*Carabid* and *Coccinella spp.*), bugs (*Orius* and *Anthocoris spp.*) and spiders, and therefore may be used with biological agents and in integrated control programmes.

Before using DIMILIN FLO in conjunction with a particular biological control agent for the first time, grower should consult their Biologicals supplier.

ORNAMENTAL PLANT PRODUCTION, NURSERY STOCK AND AMENITY TREES, SHRUBS AND HEDGES

For the control of caterpillars of:

Browntail Moth
Small Ermine Moths
Carnation Tortrix
Winter Moth
Lackey Moth

Rates of Use:

BROWNTAIL MOTH: 6 ml/100 litres water.

CARNATION TORTRIX, LACKEY, SMALL ERMINE AND WINTER MOTHS: 13 ml/100 litres water.

Apply high volume in sufficient water to obtain thorough foliage cover.

Timing:

BROWNTAIL MOTH: Most effective control is achieved by a summer spray when eggs begin to hatch (usually in late July or early August). If necessary application may continue into early autumn but must be completed well before caterpillars stop feeding outside their winter nests. DIMILIN FLO may also be applied in the spring after the caterpillars have finally left their nests and when there is a reasonable leaf canopy.

CARNATION TORTRIX: Apply from egg hatching to early instar stage, usually in late April - mid May and repeat 3-4 weeks later if necessary. Refer to pheromone trap catches as a guide for application timing.

LACKEY AND WINTER MOTHS: Apply from egg hatching to early instar stage, usually in late April - mid May and repeat 3-4 weeks later if necessary.

SMALL ERMINE MOTHS: Apply as the larvae begin to emerge from their overwintering shelters in April, but not before there is a reasonable leaf canopy. Repeat 3-4 weeks later if necessary.

Crop Tolerance:

DIMILIN FLO has been used on a wide range of cultivars as a foliar spray without any evidence of crop damage. However, because of the large number of cultivars of ornamental plants grown, susceptibility should be checked by treating a small number of plants in the first instance.

CAUTION: DO NOT spray protected plants in flower or with flower buds showing colour as this may damage or discolour petals.

DO NOT use DIMILIN FLO as a compost drench or incorporated treatment for ornamental crops. Under certain cultural conditions crop damage has occasionally occurred.

Other specific restrictions: The maximum concentration must not exceed 13 ml product/100 litres water.

FORESTRY

For the control of the caterpillars of:

Oak Leaf Roller Moths

Pine Looper

Pine Beauty Moth

Winter Moths

Ground Application:

Rate of Use: 150 ml/ha. Ensure good coverage of the foliage.

Aerial Application:

Rate of Use: 150 ml/ha in tank mix with a suitable adjuvant. Apply by suitable ULV spraying equipment in 1-10 litres/ha. Aerial applications should only be made by controlled droplet application/rotary atomiser equipment.

Timing:

OAK LEAF ROLLER AND WINTER MOTH: Apply in early spring when caterpillars are still at an early instar stage, but not before leaves begin to expand after bud burst.

PINE BEAUTY MOTH: Apply from egg hatching to early instar, usually in May - early June.

PINE LOOPER: Apply from egg hatching to early instar stage, usually in August.

Maximum number of treatments: 1 per year.

Other specific restrictions:

Aerial application is permitted when the wind velocity does not exceed an average of 18 knots and gusts do not exceed 20 knots.

CONDITIONS OF SUPPLY / RESISTANCE

No cases of pest resistance to DIMILIN FLO have been confirmed in the UK to date for any of the pests listed on this label. However, control may be reduced if strains of pests resistant to diflubenzuron develop.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at user's risk.

'Dimilin Flo' is the property of Arysta LifeScience Group

'Nimrod' trade mark is the property of Adama Agricultural Solutions UK Limited

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