

DIMILIN® 25 WP

Reg. No.: L 5483 Act /Wet No. 36 of/van 1947

A larvacide for the control of *Lycoridae*, *Phoridae* and *sciaridae spp.* in mushroom cultivation, the control of flies in poultry manure and the control of mosquito larvae in their breeding sites and Fall Armyworm on maize, sweetcorn and Potatoes

'n Larwedoder vir die beheer van *Lycoridae*, *Phoridae*, en *Sciaridae spp.* in sampioen verbouing, die beheer van vlieë in pluimveemis en die beheer van muskietlarwes in hul broeigebiede en Herfs Kommandowrum op mielies, suikermielies en Aartappels

IRAC INSECTICIDE GROUP CODE:	A15	IRAC INSEKODDERGROEP KODE:
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ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Diflubenzuron (benzoylurea) / Diflubensuron (bensoielurea) 250 g/kg

Registration holder / Registrasiehouer:

ARYSTA LifeScience South Africa (Pty) Ltd

Co. Reg. No./Mpy. Reg. Nr.: 2009/019713/07

7 Sunbury Office Park,

off Douglas Saunders Drive,

La Lucia Ridge, South Africa, 4019

Tel: 031 514 5600

Contents/Inhoud

kg

Batch No. / Lot Nr.:	
Date of manufacture: / Datum van vervaardiging:	

U.N. No.3077



READ THE LABEL IN DETAIL BEFORE OPENING THE CONTAINER. / LEES DIE ETIKET VOLLEDIG VOORDAT DIE HOUER OOPGEMAAK WORD.

For full particulars, see enclosed leaflet. / Vir volledige besonderhede, sien ingeslote pamflet.

WARNINGS:

- Allow a minimum of **15 days** between last application and harvest of Maize and Potatoes.
- May cause slight to moderate eye irritation.
- Store away from food and feed, out of reach of children, away from herbicides, uninformed people and animals.

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 surface water, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label, 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.

PRECAUTIONS:

- Avoid inhalation of dust and spray while mixing and spraying.
- Avoid contact with eyes and excessive contact with the skin.
- Wear face shield when preparing spray mixture.
- Do not eat, drink or smoke whilst mixing, applying or before washing hands and face and change of clothing.
- Avoid drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean applicator before using for other remedies. Dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Prevent contamination of food, feed, drinking water and eating utensils.
- **Do not use empty container for any other purpose.**

DIRECTIONS FOR USE:

Use only as indicated.

MIXING INSTRUCTIONS:

Mix the recommended amount of **DIMILIN® 25 WP** into a tank containing the required amount of water whilst stirring.

APPLICATION INSTRUCTIONS:

MUSHROOM GROWING: Apply only once, immediately after casing and disinfection. It is important to note that **DIMILIN® 25 WP** has no effect on adult insects present in the rooms. Therefore, the standard space insecticide treatment must be performed, prior to **DIMILIN® 25 WP** application. Ensure proper distribution in the casing layer by using additional water, if necessary.

POULTRY MANURE:

Apply at weekly intervals.

MOSQUITOES:

When using high or low volume equipment, dilute the required quantity of **DIMILIN® 25 WP** for an area to be sprayed in a sufficient quantity of water to ensure good coverage of the area with the spray liquid. This applies when high or low volume application equipment is used. Both hand-operated compression sprayers and motorised knapsack sprayers can be used.

For treating larger areas, Ultra-Low-Volume (ULV) spraying is the most cost-effective application method. For ULV-application the required quantity of **DIMILIN® 25 WP** for an area to be treated should be suspended in a mixture of water and a non-phytotoxic crop oil (water: oil = 2 : 1) to ensure uniform deposition of the spray liquid over the area to be treated. A normal application rate for ULV is 3 litre spray liquid per hectare.

In order to prevent build-up of an adult population, it is recommended to start **DIMILIN® 25 WP** applications at an early stage of population development, when the majority of the larvae are in the 1- st or 2-nd instar. Applications should be repeated when inspection indicated an increase in the number of mosquito larvae.

Chitin synthesis is quickly resumed when larvae are no longer exposed to **DIMILIN® 25 WP**. An even coverage spray of breeding places is necessary to prevent irregular, premature recovery of mosquito larvae.

CROP	PEST	DOSAGE	REMARKS
MUSHROOMS	Fungus gnat larvae: <i>Lycoridae,</i> <i>Phoridae,</i> <i>Sciaridae</i> <i>spp.</i>	400 g / 100 m ² in 100 -150 ℓ water.	Apply after casing and formalin disinfection. Ensure proper distribution in the casing layer by using, if necessary, additional irrigation water.
POULTRY MANURE	Fly control (maggots)	60 g / 10 ℓ water	Apply spray at the rate of 1 ℓ per 2m ² of manure at weekly intervals.
MOSQUITOES	Larvae of the major mosquito genera, namely: <i>Anopheles,</i> <i>Aedes</i> and <i>Culex.</i>	Clear surface water: 100 – 200 g/ ha. Polluted surface water: 200 – 400 g/ha.	Apply at an early stage of population development, when the majority of the larvae are in the 1-st or 2-nd instar. Applications should be repeated when inspection indicates an increase in the number of mosquito larvae. Ensure an even coverage spray of breeding places.
MAIZE AND SWEETCORN	Fall Armyworm (<i>Spodoptera</i> <i>a</i>)	400 g / ha DIMILIN® 25 WP &	It is recommended to scout at regular intervals. When larvae are first noticed on foliage commence first application. Apply at the early instar development

	<i>frugiperda</i>)	EMMA 300 g / ha & 100 ml / ha SILHOUETTE	stage (larvae should not be larger than 10 mm). Apply first application and then continue to scout. Follow up with a second application 10 to 14 days later if required. Apply in 200 ℓ water/ha and ensure proper coverage of full plant. <u>Do not exceed a total of 2 sprays per growth season.</u>
POTATOES	Fall Armyworm (<i>Spodoptera frugiperda</i>)	400 g/ha DIMILIN® 25 WP & EMMA 250 g/ha & 100 ml/ha SILHOUETTE	It is recommended to scout at regular intervals. When larvae are first noticed on the foliage commence first application. It is recommended to commence application when larvae are on average 2 to 10 mm and smaller. Apply first application and then continue to scout. Follow up with a second application 7 to 14 days later if required. Do not exceed 2 applications. Apply in 200 to 400 ℓ water/ha and ensure proper coverage of the full plant.