

LAMBDA 9.7 CS

LONG-RELEASE

INSECTICIDE

A HIGHLY EFFECTIVE BROADSPECTRUM CAPSULE SUSPENSION CONCENTRATE INSECTICIDE CONTAINING NOMINALLY 100GM OF THE SYNTHETIC PYRETHROID LAMBDCYHALOTHRIN PER LITRE OF PRODUCT, FOR THE CONTROL OF PUBLIC HEALTH PESTS..

Composition:	
Lambda-cyhalothrin	9.7 % w/v
Inert Ingredients	Up to 100 %

FOR USE ONLY AS AN INSECTICIDE

MICROENCAPSULATED FORMULATION

BIOLOGICAL PROPERTIES & TARGET PESTS:

PYRETHROIDS' PRINCIPAL MECHANISM OF ACTION IS BELIEVED TO BE DISRUPTION OF THE PERMEABILITY OF NERVE MEMBRANES TO SODIUM ATOMS. THE SITE OF ACTION IS NOT KNOWN, BUT PYRETHROIDS AND DDT PROBABLY ACT ON BOTH THE CENTRAL (THE BRAIN AND SPINAL CHORD) AND THE PERIPHERAL NERVOUS SYSTEM (NERVES IN OTHER PARTS OF THE BODY).

TARGET PESTS: MICROENCAPSULATED FORMULATION FOR THE RESIDUAL LONG TERM CONTROL OF VECTORS (ANOPHELES, CULEX, SANDFLIES) AND ALL CRAWLING INSECTS OUTDOORS AND INDOORS. MODE OF ACTION: NON-SYSTEMIC INSECTICIDE WITH CONTACT AND STOMACH ACTION, AND REPELLENT PROPERTIES. GIVES RAPID KNOCKDOWN AND LONG RESIDUAL ACTIVITY.

Properties

Lambda cyhalothrin control of a wide spectrum of insect pests used for control of insect pests in public health.

Lambda Cyhalothrin is a broad spectrum insecticide effective at low rates of application against major insect pests in a wide range of public health and having the ability to prevent a build up of mite populations. It acts by direct contact with insects or after ingestion.

Sniper is an aqueous capsule suspension formulation in which lambda-cyhalothrin is encapsulated in small polymeric capsule. Encapsulation process gives to Sniper insecticide a long residual activity with extremely low toxicity or irritation to mammals and humans.

Sniper can be used in order to give long residual, safe and high control of insect pest damaging commercial and residential turfs, ornamentals as well as many other crops.

Target crops:

May be used on a number of crops, ornamentals, turf in golf courses, industrial sites, highway medians and sod farms.

Mode of action:

Non-systemic insecticide with contact and stomach action, and repellent properties. Gives rapid knockdown and long residual activity.

Bind the sodium, chloride and calcium channels gate and prevent it from closing normally, which results in continuous nerve stimulation and tremors in poisoned insects. Poisoned organisms lose control of their nervous system and are unable to produce coordinated movement.

Chemical Group: pyrethroids; pyrethrins
Mode of Action: sodium channel modulators
Action Group: IRAC Group 3A

Recommended Applications for Landscape Ornamentals

Situation	Pest	Application rate
Residential landscaped areas and landscaped areas around institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields (including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Groundcovers)	For indoor residual spray treatment against mosquito & malaria vector	62.5 ml LAMBDA 9.7 CS in 10 L of water. Apply spray mixture to 250 m ²
	Spray suitable for cockroach, ant, flies, bedbugs, fishmoths, beetles control	75 ml of LAMBDA 9.7 CS in 10 L of water. Apply spray mixture to 250 m ²

Application to ornamentals should be started prior to the establishment of high insect pest populations. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.
Apply at 7-day intervals if re-treatment is necessary.
More frequent treatments should be limited to spot treatments. Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader-sticker at recommended rates may enhance the control of insects on certain species of ornamentals having waxy, hard to wet foliage.
For spot treatments use 20 ml of Sniper per 10 Liters of water.

MAY BE USED ON A NUMBER OF CROPS, ORNAMENTALS, TURF IN GOLF COURSES, INDUSTRIAL SITES, HIGHWAY MEDIANS AND SOD FARMS.

Capsule Suspension Formulation



Levant Overseas Developments Ltd.

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Always read directions carefully because pesticide products can be "dangerous" or ineffective if too much or too little is used.