



Macleod, SC

New

suspension concentrate

methomyl 250 g/L + lambda-cyhalothrin 20 g/L

It is a broad-spectrum insecticide with a quick knockout effect

Advantages:

- It ensures rapid death of pests within a few hours.
- It destroys larvae of all ages, including the last stable instar.
- Combination of systemic and contact activity
- Control of a wide range of pests with gnawing and piercing-sucking mouthparts
- Wide range of protected crops

Action

Mechanism of action

Insecticide with contact and stomach action.

Methomyl belongs to the class of carbamates, it has insecticidal and acaricidal activity, and exhibits systemic and contact effects. It is classified as an acetylcholinesterase (AChE) inhibitor - Group 1 by the IRAC (Insecticide Resistance Action Committee). Methomyl inhibits the action of the enzyme acetylcholinesterase and inhibits the hydrolysis of acetylcholine. Due to the accumulation of acetylcholine, the normal passage of nerve impulses to the muscular systems is disrupted.

Lambda-cyhalothrin has insecticidal and acaricidal activity and is characterized by contact-intestinal and repellent effects. According to the IRAC classification, it is a sodium channel modulator that belongs to Group 3. It has rapid initial toxicity and high photostability, and has a long-lasting protective effect on the surface of plants.

Protective effect period

Not less than 14 days

Rate of exposure

High mortality of harmful objects is observed during the first hours after treatment.

Compatibility with other pesticides

It is compatible with most pesticides applied at the same time. Before using the product, it is necessary to check the physicochemical and biological compatibility of the components.

Usage regulations

Crop	Harmful object	Product consumption rate, l/ha	Working liquid consumption rate, l/ha	Method, time, features of application	Waiting time, days (number of applications)

Grapes	European grapevine moth	0.8-1.0	500–800	Spraying during the growing period	15(3)
Apple tree	Codling moth	1.0–1.3	600–1,200	Spraying during the growing period	10(3)
Onion	Onion fly, onion (tobacco) thrips	0.8-1.0	200–400	Spraying during the growing period	5(2)
Tomato (open ground)	Cotton budworm	1.0–1.3	200–400	Spraying during the growing period	7(3)
Sunflower		1.0–1.3	200–400		30(2)
Soybeans		1.0–1.3	200–400		15(2)
Corn	Cotton moth, meadow moth	1.0–1.3	200–400	Spraying during the growing period	15(2)
Cabbage	Diamondback moth, cabbage moth	0.8-1.0	200–400	Spraying during the growing period	20(2)

General information

Chemical class

carbamates, pyrethroids

Formulation

suspension concentrate

Hazard class

Hazard class 2 - for humans / 1 - for bees

Shelf life

2 years

Storage temperature range

–15°C to +25°C

Packaging

PE container 5L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia