



Yunona, ME

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Microemulsion

Emamectin benzoate 50 g/L

Contact enteric insecticide used for crop protection against scale pests

Advantages:

- Due to the innovative formulation, provides increased efficacy, rapid action, and prolonged protection.
- Has a high biological activity against the codling moth caterpillar.
- The product is an insecticide of natural origin, safe for beneficial insects.
- The product is non-phytotoxic for the treated plants, does not cause stress, has no impact on the product presentation.
- Has a short waiting period.
- Due to its special mode of action, it is highly effective against insect populations that are resistant to the insecticides of other chemical classes.
- Easy-to-use liquid formulation in contrast to similar products

- Aerial spraying is allowed

Action

Mode of action

The substance affects two areas of the central nervous system of insects: it binds the synapse γ -aminobutyric acid receptors and the muscle cell h-receptors. This results in muscle relaxation (they are not able to contract) and death of an insect.

Has a selective effect on Lepidoptera.

Protective effect period

The duration of protective effect is 10-15 days.

Rate of exposure

1-4 hours after treatment, insects stop moving and feeding; insects die within 1-3 days.

Usage regulations

Crop	Harmful object	Consumption rate product, L/ha	Consumption rate working solution, L/ha	Method, time, features of application	Safety interval, days (number of applications)
Apple tree	Codling moth	0.4-0.5	600-1,200	Spraying at the beginning of hatching and during mass hatching of each generation grapevine moth and codling moth caterpillars	10(3)

Grapes	Grapevine moth	0.3-0.4	500-1,000	7(2)	
Tomato	Cut worms	0.3-0.4	100-200	Spraying sprouts	5(2)
	Cotton cutworm	0.3-0.4	200-400	Treatment during vegetation period	5(2)
Maize	Cut worms	0,2-0,3	100-200	Spraying sprouts	30(2)
	Cotton cutworm	0,3-0,4 0,3-0,4(A)	200-400 25-50 (A)	Spraying during the growth period	
	European corn borer, sod webworms	0,2-0,4 0,2-0,4 (A)			
Sunflower	Cut worms	0,2-0,3	100-200	Spraying sprouts	30(2)
	Cotton cutworm	0,3-0,4 0,3-0,4(A)	200-400 25-50 (A)	Spraying during the growth period	
	Cabbage moth, sod webworms	0,2-0,4 0,2-0,4(A)			
Soybean	Cut worms	0,2-0,3	100-200	Spraying sprouts	30(2)
	Cotton cutworm	0,3-0,4 0,3-0,4(A)	200-400 25-50 (A)	Spraying during the growth period	

Lima bean pod borer, sod webworms	0,2-0,4 0,2-0,4(A)				
Sugar beet	Cut worms	0,2-0,3	100-200	Spraying sprouts	30(2)
	Beet leaf aphid, sod webworms	0,2-0,4 0,2-0,4(A)	200-400 25-50(A)	Spraying during the growth period	

Compatibility with other pesticides

Compatible with most pesticides. Before large-scale application, it is necessary to check the physical, chemical and biological compatibility with a particular product at recommended doses.

Phytotoxicity

The product is not phytotoxic at the recommended consumption rates.

Probability of resistance

Resistance has not been observed if the recommended consumption rates and methods of application are used.

General information

Chemical class

avermectins

Storage conditions

Keep the preparation in a room dedicated for pesticide storage. Temperature range is minus 15 °C to plus 35 °C. Stir before use.

Shelf life

3 years

Packing

5 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia