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Batardo, OD

New

oil dispersion

Indoxacarb 105 g/L + lufenuron 90 g/L

It is a highly effective insecticide with ovicidal action against lepidopteran pests of gardens, vineyards and vegetable crops

Advantages:

— It provides a double mechanism of protection against lepidopteran pests at the initial stage of their development.

— The embryonic and larval development processes of pests are blocked.

— It is an excellent component of a comprehensive garden protection system.

— It has a long-term protective period

Action

Mode of action

Indoxacarb belongs to the chemical class of oxadiazines; according to the IRAC classification, it belongs to Group 22 — voltage-gated sodium channel blockers. It has a contact-intestinal and ovicidal effect, and a partial translaminar effect. Insects die upon contact with the treated surface of the leaves and when the drug enters the intestines. The effect of indoxacarb is most pronounced when spraying laid eggs and in the phase of the beginning of the hatching of larvae, which die when they gnaw through the egg shell. The main factor for the manifestation of the ovicidal effect is the presence of moisture. The substance is capable of reactivation in humid conditions.

Lufenuron belongs to the chemical class of benzoylureas; According to the IRAC classification, it belongs to Group 15 — inhibitors of chitin biosynthesis. Lufenuron inhibits chitin synthetase enzymes in lepidopteran eggs and in junior larvae. It acts transovarially or enters the body of larvae with food, which leads to the cessation of molting and feeding processes.

Protective effect period

Not less than 14 days.

Rate of exposure

High rate of toxic effect. The death of imago is observed within 24 hours, and larvae die within several days after treatment

Usage regulations

Crop	Harmful object	Consumption rate product, L/ha	Consumption rate working liquid, L/ha	Method, time of treatment, application features	Safety interval (number of applications)
Grapes	Bunion budworm, cotton bollworm	0.3-0.4	500–800	Spraying during the growing period	10(2)

Apple tree	Codling moth	0.4-0.6	600–1,200	Spraying during the growing period	12(2)
Tomato (open ground)	Cotton budworm	0.3-0.4	200–400	Spraying during the growing period	7(2)
Tomato (greenhouse)	Cotton bollworm, South American fruit moth	0.3-0.4	1,000–2,000		3(2)

General information

Chemical class

oxadiazines, benzoylureas

Transport and storage conditions

Keep the preparation in a room dedicated for pesticide storage. Storage temperature range - minus 15 C to plus 35 C

Shelf life

2 years.

Hazard class

hazard class 3, moderately hazardous substance

hazard class 1 - for bees

Packing

5 liter PE container

Registrant

Schelkovo Agrohim , Russia

Manufacturer

Schelkovo Agrohim, Russia