



Espero Euro, OD

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oil dispersion

acetamiprid 100g/L+ alpha-cypermethrin 60g/L

A highly effective insecticide in oil formulation for long-term protection of sugar beet against weevils.

Advantages:

- A new combination of active ingredients with different mode of action to eliminate resistant populations of pests
- A highly effective oil formulation provides a more active effect and long protective period.
- Reliable control of the most harmful and hiding sugar beet pests
- Highly effective during hot weather
- Rapid action at all motile stages of pests and prolonged action at active development stages inside the stem

Action

Mode of action

Acetamiprid has a rapid systemic and contact action. It blocks nicotinic acetylcholine receptors in the nervous system, thus interfering with the synaptic nerve impulse transmission, and the insect dies due to surexcitation. It ensures a rapid and at the same time long-lasting effect –up to 4weeks.

Alpha-cypermethrin has a contact enteric action. It affects the central nervous system of insects, impairs the permeability of cell membranes, and blocks nervous channels. Poisoning is manifested as damaged motor centers and strong excitation. It has a long-term residual toxic effect.

Protective effect period

Not more than 14days (depending on weather conditions and pest colonization).

Rate of exposure

High rate of toxic effect.

Harmful object

Sugar-beet weevils, sugar beet weevil – stem borer.

Usage regulations

Crop	Harmful object	Consumption rate product, L/ha	Consumption rate working liquid, L/ha	Method, time, features of application	Safety interval, days (treatment frequency)
Sugar beet	Sugar-beet weevils	0.2–0.3	100-200	Spraying sprouts	14(2)

Sugar beet weevil – stem borer	0.4-0.5	200-300	Spraying during the growth period
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Compatibility with other pesticides

The product can be mixed with most plant protection chemicals. Before large-scale application, it is necessary to check the physical and chemical compatibility with a particular product at recommended doses.

Phytotoxicity

The product is not phytotoxic at observance of the procedures for the product application.

General information

Chemical class

neonicotinoids, pyrethroids

Hazard class

hazard class 3, moderately hazardous substance

Shelf life

2 years

Storage temperature

minus 20°C to plus 35°C

Packing

container 5 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia