



Karachar, EC

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emulsion concentrate

Lambda-cyhalothrin 50 g/l

Insecticide against a wide range of pests on agricultural crops.

Advantages:

- Powerful pyrethroid insecticide against a wide range of pest on various crops
- Fast and prolonged effect
- Acaricide effect
- Low consumption rates and low cost of treatment per 1 hectare

Action

Mode of action

The preparation has an intestinal contact effect. It affects the nervous system of pests, impairs permeability of cell membranes, and blocks sodium channels.

Protective period

Minimum 14 days.

Speed of action

High speed of action - insects die within the first hours after treatment.

Spectrum of action

Fall webworm, flea beetles, weevils, Eurygaster integriceps, bugs, potato beetle, psyllas, leaf rollers, flies, red spider, mites, sawflies, seedworms, Oulema, rapeseed beetle, acridoid grasshoppers, beet flea beetles, stem sawflies, greenflies, alfalfa seed chalcid, thrips, cereal chafers, frog-flies, etc.

Compatibility with other pesticides

Compatible with most fungicides and herbicides. Check for chemical and physical compatibility with a specific preparation in recommended doses before use.

Potential for resistance

To prevent resistance, alternate with insecticides from other chemical groups.

Usage regulations

Crop / object of treatment	Harmful object	Preparation consumption rate, l/ha	Mix consumption rate, l/ha	Method, time and conditions of application. Application time for manual (machinery assisted) operations	Wait time (application frequency)
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Soybean	Two-spotted spider mite	0.4	200-400	Treatment during vegetation period -(3)	40(1)
Mustard	Rapeseed beetle	0.1	200-400	Treatment during vegetation period -(3)	30(1)
Apple tree	Apple blossom weevil	0.1-0.15	600-800	Treatment before blossom -(3)	21(2)
	Codling moths, leaf rollers, mites	0.4	600-1500	Treatment during vegetation period -(3)	21(2)
Cherry trees (mother trees)	Brown marmorated stinkbug	0.4	600-1200	Treatment during vegetation period -(3)	-(3)
Grapes	Mites, Brown marmorated stinkbug	0.32-0.48	500-1000	Treatment during vegetation period -(3)	30(2)
Rapeseed	Rapeseed beetle	0.1-0.15	200-400	Treatment during vegetation period -(3)	21(2)

Common flax	Flea beetles	0.1-0.15	100-200	Treatment of sprouts -(3)	-(1)
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Application technique. Mix preparation method

Prepare the mix immediately before use. The mix prepared shall be consumed on the same day. Fill the sprayer tank with water to 1/3, add the full preparation dose while stirring, and then top up with remaining water and stir thoroughly.

Prepare the mix and fill the sprayer on dedicated sites that are disinfected afterwards.

Use ground-based boom sprayers OPSh-15-01, ON-400, OP-2000-2-01, OPV-1200, or similar.

An interval of at least 3 or 4 hours shall be between treatment and potential precipitation.

Phytotoxicity

No phytotoxic effect is recorded when used in recommended doses.

Recommendations on protection of valuable flora and fauna objects

The preparation is of high hazard to bees – Hazard Class 1, of moderate hazard to fish – Hazard Class 3.

Basic provisions of the 'Guidelines for preventing bee poisoning with pesticides' and following environmental regulations:

treat plants in morning and evening;

treat plants at wind speed up to 1 or 2 m/sec;

protection boundary zone for bees – min. 4-5 km;

bee's flight time limitation – 5-6 days.

Warn apiary owners 4 or 5 days before treatment.

Do not treat during blossoming!

Do not use the preparation in private farms, by aerial method and within the sanitary zone of fishery water bodies 500 m away from the flood line in case of maximum floodwater level, but not closer than 2 km to the existing banks.

General information

Transport and storage conditions

Comply with all conventional rules of toxic substance transport. Keep the preparation in a room dedicated for pesticide storage. Storage

temperature range - minus 5 °C to plus 25 °C. Stir before use.

Shelf life

5 years

Hazard class

Hazard class III, moderate hazard

Packing

5, 10 liter PE container

Registrant

Severo-Kavkazsky Agrokhim LLC

Manufacturer

Schelkovo Agrohim, Russia