



Sparring, OD

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Oil dispersion

thiamethoxam 150 g/L + fipronil 90 g/L

Combination broad-spectrum insecticide

Advantages:

- A combination mode of action provided by active ingredients from different chemical classes
- Effective against a wide range of insect pests, including those resistant to organophosphates and pyrethroids
- High toxicity and long-term protection
- Oil formulation for maximum efficacy
- Effective against hiding pests and pests living on the back of the leaf

Action

Mode of action

Thiamethoxam has a systemic and contact enteric action with translaminar activity. It is effective against hiding pests and pests feeding on the back of the leaf.

The active ingredient is rapidly absorbed by plants and moves along the xylem to the untreated parts of plants, affecting the nicotinic acetylcholine receptors of the nervous system of insects.

Fipronil is a broad-spectrum contact enteric insecticide with a moderate systemic activity. It affects the nervous system of insects by blocking gamma-aminobutyric acid receptors. This active ingredient has a high and long-term insecticide toxicity.

Oil formulation ensures improved lipophilic properties of the active ingredient. The product shows improved adherence to leaves of plants and uniform distribution along the surface, thus fully exhibiting the translaminar effect and retaining protective properties for a longer period.

Protective effect period

Not less than 14 days.

Rate of exposure

High rate of toxic effect.

Usage regulations

Crop	Harmful object	Consumption rate Product, L/ha	Consumption rate Working liquid, L/ha	Method, time, features of application	Safety interval, days (number of applications)
Spring and winter wheat	Barley flea beetle	0,1-0,15	100-200	Spraying sprouts	30 (2)
	Corn flies, cereal chafers, grain moths		200-400	Spraying during the growing period	
	Corn bug	0,1-0,2	200-400		

Winter wheat	Ground beetle	0,2-0,3	100-200	Spraying sprouts	
Spring and winter barley	Lema beetles, corn flies, thrips	0,1-0,15	200-400	Spraying during the growing period	
Sunflower	Cut worms, weevils	0,1-0,2	100-200	Spraying sprouts	40 (2)
	Sod webworms	0,1-0,2	200-400	Spraying during the growing period	
	Cotton moth, cabbage moth, sunflower moth	0,2-0,3			
Potato	Colorado beetle, aphids	0,15-0,2	200-400	Spraying during the growing period	20 (2)
Spring and winter rapeseed	Crucifer flea beetles	0,1-0,2	100-200	Spraying sprouts	30(2)
	Turnip sawfly, rapeseed beetle	0,1-0,2	200-400	Spraying during the growing period	
	Diamondback moth	0,2-0,3	200-400		

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.

General information

Chemical class

neonicotinoids, phenylpyrazoles

Hazard class

hazard class 2, highly hazardous substance

Hazard class for bees

Hazard class 1 - high-hazard

Shelf life

2 years

Storage temperature

minus 15°C to plus 35°C

Packing

container 5 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia