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Imidor Extra, SC

suspension concentrate

Imidacloprid 200 g/l

Systemic insecticide from the neonicotinoid class for a wide range of crops

Advantages:

- New formulation with improved physicochemical properties and high adjuvant content
- Rapid action and long-lasting protection against resistant pest populations
- Additional effect: enhancement of growth processes under stress conditions
- Aerial spraying is allowed

Action

Mode of action

The product has acute contact-enteric and systemic action on adults and larvae of all instars.
Imidacloprid inhibits acetylcholinesterase activity, activates postsynaptic nicotinic acetylcholine receptors of the postsynaptic membrane, and prolongs the opening of sodium channels. As a result, the transmission of nerve impulse via the pest central nervous system is blocked, paralysis and convulsions develop, which causes the death of pests.

Period of protective effect

Imidacloprid exhibits high residual activity. The protective period is not less than 14 days depending on the kind of insect pest and weather conditions.

Exposure rate

High rate of toxic action on pests: already in 1 hour after treatment, insects lose their motor activity.

Usage regulations

Crop	Harmful object	Application rate for the product, L/ha	Working solution consumption, L/ha	Method, time and features of application	Waiting time (number of applications)
Spring and winter wheat	Eurygaster integriceps, corn flies	0.1-0.15 0.1-0.15 (A)	200–300 25–50(A)	Spraying during the growth period	30 (1)
Spring and winter barley	Lemas	0.1-0.15 0.1-0.15 (A)	200–300 25–50(A)	Spraying during the growth period	

Potato	Colorado beetle	0.1	200–300	Spraying during the growth period	14 (1)
Sugar beets	Beet flea beetles, sugar-beet weevils	0.1–0.2	100–200	Spraying sprouts	30 (2)
	Cut worms	0.1	100–200		
	Beet leaf beetles	0.1 0.1(A)	200–300 25–50(A)	Spraying during the growth period	
	Sod webworms	0.15 0.15(A)	200–300 25–50(A)	Spraying during the growth period	
	Sugar beet weevils	0.25–0.4 0.25–0.4(A)	200–300 25–50(A)	Spraying during the growth period	
Spring and winter rapeseed	Crucifer flea beetles	0.15	100–200	Spraying sprouts	30 (1)
	Rapeseed sawflies, rapeseed blossom beetles	0.15–0.25 0.15–0.25 (A)	200–300 25–50(A)	Spraying during the growth period	

Cabbage seedpod weevils	0.15 0.15(A)	200–300 25–50(A)	Spraying during the growth period		
Pastures, locust-infested areas, wild vegetation	Acridoid grasshoppers	0.05–0.075 0.05–0.075(A)	200–300 25–50(A)	Spraying during the period of larval development. The period where people may be located on the areas treated with the product is no earlier than 20 days after treatment; collection of wild mushrooms and berries during the treatment season is not allowed	- (1)

General information

Chemical class
neonicotinoids

Hazard class
hazard class 3, moderate hazard

Hazard class for bees
Hazard class 1 - high-hazard

Shelf life

3 years

Storage temperature
minus 10°C to plus 30°C

Packing
container 5 L

Registrant
Schelkovo Agrohim, Russia

Manufacturer
Schelkovo Agrohim, Russia