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Imidor, SL

soluble concentrate, soluble liquid

imidacloprid 200 g/l

Insecticide of systemic effect against a wide range of pests on potato, cucumbers, tomato, sugar beet, cereal crops, pastures, etc.

Advantages:

- Neonicotinoid insecticide
- Prolonged protection against most malicious insects
- Efficient use in greenhouses
- High efficiency in any weather conditions
- No phytotoxic effect

Action

Mode of action

The preparation has an acute contact intestinal and systemic effect. Imidacloprid blocks postjunctional nicotine receptors of the insect"s nervous system. This results in inhibition of signal transfer through the central nervous system of pests, these lose their locomotor activity, at first, then stop feeding and die within a day.

Protective period

Protective period - min. 14 days depending on the kind of insect pest and weather conditions.

Speed of action

High speed of toxic effect.

Spectrum of action

White fly, intrastalk pests, Eurygaster integriceps, potato beetle, Oulema, greenflies, acridoid grasshoppers, etc.

Compatibility

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.

Potential for resistance

To prevent resistance, alternate the preparation with insecticides from other chemical groups and with different mechanism of action.

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)
Wheat	Eurygaster integriceps	0.07 0.07(A)	200-400 20-50 (A)	Treatment during vegetation period 3(3)	28(1)
	Intrastalk flies	0.06 0.06(A)			28(1)
Oats, barley	Oulema	0.06 0.06(A)	200-400 20-50 (A)		28(1)
Potato	Potato beetle	0.1	200-400	Treatment during vegetation period 3(3)	20(1)
Potato (seed plants)	Greenflies	0.25	200-400	Treatment during vegetation period as pests appear 3(3)	-(3)
Greenhouse cucumbers	Greenflies	0.15-0.75	1000-3000	Treatment during vegetation at concentration of 0.015-0.025% 3(3)	3(1)

White fly	0.5-1.5	1000-3000	Treatment during vegetation at concentration of 0.05% 3(3)		
Greenhouse tomato	White fly	0.5-1.5	1000-3000	Treatment during vegetation at concentration of 0.05% 3(3)	3(1)
Sugar beet	Beet flea beetles and weevils	0.1-0.2	100-200	Treatment of sprouts 3(3)	45(1-2)
	Beet leaf aphid, cut worms	0.1	200-400	Treatment during vegetation period 3(3)	
	Sod webworm	0.15			
	Beet stalk borer	0.25-0.4			
Rapeseed	Cruciferous flea beetles	0.15	100-200	Treatment of sprouts 3(3)	30(1)
	Rape sawfly, rapeseed beetle	0.15-0.25	200-400	Treatment during vegetation 3(3)	

Rapeseed ceutorrhynchid beetle	0.15				
Pastures, areas inhabited by acridoid grasshoppers	Acridoid grasshoppers	0.05-0.075 0.05-75 (A)	200-400 20-50 (A)	Treatment at larva development stage. Access to treated areas allowed not earlier than 3 days after treatment 3(3)	-(1)

(A) - aerial spraying

Caution! The maximum concentration of the working solution must not exceed 0.4 % of the formulated product.

Application technique. Mix preparation method

Prepare the mix immediately before use and apply during the same day. Fill the sprayer tank with water to 1/2, add the full preparation dose, and then top up with remaining water. The stir the contents thoroughly.

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

Use ground-based boom sprayers OPSh-15-01, OP-2000-2-01, or similar. For aerial treatment – An-2 plane or Mi-2 helicopter.

Treat in zero wind weather in the morning or evening while ensuring uniform wetting of leaves. An interval of at least 3 or 4 hours shall be between treatment and potential precipitation.

The preparation does not lose its efficiency at high ambient temperatures, and is adequately resistant to rain and sun light.

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

treat plants early in the morning and late in the evening.

For ground application:

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 – 96-120 hours.

For aerial application:

treat plants at wind speed up to 0 or 1 m/sec;

protection boundary zone for bees – min. 5-6 km;

bee's flight time limitation – 9-10 days.

Warn apiary owners 4 or 5 days before treatment.

Do not apply the preparation 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

Chemical class

Neonicotinoids

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 10 C to plus 30 C.

Shelf life

5 years

Hazard class

Hazard class 3, moderate hazard

Packing

5 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia