



Depozit, ME

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microemulsion

fludioxonil 40 g/L + imazalil 40 g/L + metalaxyl 30 g/L

Fungicidal seed treatments intended for preseedling processing of soya, pea, chick pea seeds, and potato tubers during or before planting

Advantages:

- The best protection of seeds from both inside and outside ensured by the NANOformulation
- Control of the broadest range of seed-borne and soil infections
- The best efficacy against Fusarium pathogens
- Reliable control of root rots, including Pythium root rots
- Complete absence of retardant effect
- Protection and formation of strong roots
- Active promotion of green matter formation, starting from the early development phases of the crop

Action

Mode of action

Fludioxonil is a broad-spectrum contact fungicide with a long protective period. The mode of action of fludioxonil differs fundamentally from the substances of other chemical groups and is associated with the processes in the pathogen cells at the membrane transfer stage.

Imazalil has a local and systemic effect, protects the roots. The effect of imazalil is based on inhibiting the synthesis of ergosterol that affects the permeability of the pathogen cell membranes.

Metalaxyl has a systemic effect, protects seeds from surface and intraseed infections. It is well absorbed by the roots and moves to the stems and leaves. It inhibits the synthesis of the pathogen's RNA, which leads to a slowdown and disruption of mitosis.

Period of protective effect

The product is effective against superficial and internal seed infections as well as a number of pathogens that damage plants in a later period of vegetation.

Rate of exposure

The fungicidal effect occurs from the time of treatment and protects the plant in the most defenseless period.

Usage regulations

Crop	Harmful object	Consumption rates of product, l/t	Consumption rates of working liquid, l/t	Method, time, features of application. Timeframes for the start of manual (mechanized) work, days	Safety intervals (treatment frequency)
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Pea	Root rots, Ascochyta spot, molding of seeds	1.0-1.2	6-8	Seed pretreatment in advance or before sowing -(-)	-(1)
Soybean	Ascochyta spot, fusarium root rot, fusariosis, Cercospora spot, seed molding			Presowing seed treatment -(-)	
Chickpea	Ascochyta spot, fusarium root rot, fusariosis, seed molding			Presowing seed treatment -(-)	
Potato	Rhizoctonia root rot, fusariosis	0.25-0.4	10	Treatment of tubers before or during planting	-(1)

Method of application. Procedure for the working liquid preparation

Prepare the working liquid immediately before treating the seeds.

Fill the tank up with water and add the required amount of the product with continuous stirring.

Seed treatment is recommended to be performed using special machines intended for processing cereals, legumes, and technical crops. Perform preparation of working liquid and seed treatment at centralized treatment stations.

Compatibility with other pesticides

Compatible with insecticide seed protectors, such as Imidor Pro, SC, and the amino acid biological stimulant Biostim Start.

Before large-scale application, it is necessary to test the chemical and biological compatibility with a particular product at recommended doses.

Phytotoxicity

The product is not phytotoxic at the recommended consumption rates.

Probability of resistance

The development of resistance in pathogens is highly unlikely if used in the recommended consumption rates and method of application.

General information

Chemical class

phenylpyrroles, imidazoles, phenylamides

Storage conditions

To be kept in the premises intended for storing pesticides. The temperature interval for storage is from -10°C to +35°C.

Guaranteed shelf life

5 years

Package

PE canister of 5 l

Hazard class

Hazard Class 3

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia