Schelkovo Agrohim
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Heraklion, SC

suspension concentrate

thiram 400 g/L + tebuconazole 25 g/L + azoxystrobin 15 g/L

A three-component contact systemic fungicidal protectant with a partial bactericide effect for treatment of seeds of cereal crops, soybeans, peas, and sunflower

Advantages:

— The most effective seed protectant in its class due to the emergence of 3 components: an antibacterial effect in combination with fungicidal protection

— A wider spectrum of effect on pathogens, including oomycetes

— Soil disinfection around the seed bed

— Active impact on biological and physiological processes in plants: strong stimulating effect

— Cost-effectiveness and highly effective protection

Action

Mode of action

Thiram is a basic contact fungicide with protective action of dithiocarbamates class. Thiram has a contact action, so it is efficient against oomycetes, pathogens causing root rot (helminthosporioses, fusarial rot), and seed molding both on the surface and in soil. Ensures soil disinfection around the seedbed and is retained in the soil up to 6 weeks.

Azoxystrobin is a strong fungicide with contact systemic action of strobilurins class. It inhibits the growth of conidia and initial growth of mycelium, prevents spore formation. It is highly effective against a wide spectrum of pests, including oomycetes.

Moreover, it has a pronounced physiological action: greening effect, prolongation of the life of leaves, increased resistance of plants to adverse conditions, such as frost, drought, etc.

Tebuconazole is in one of the first places among the components because of a broad spectrum of action and systemic properties ensuring protection of a seedling during the initial growth period.

Protective effect period

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

Rate of exposure

The protective effect of the product starts from the time of seed treatment and protects the plant in the most defenseless period, from the seedling stage.

Action spectrum

Pre-sowing treatment of seeds of a number of crops to fight against various diseases of grain crops, soybeans, peas, and sunflower.

Usage regulations

Crop	Harmful object	Product consumption rate, L/t	Working liquid consumption, L/t	Method, time of treatment, application features Time frames for the start of manual (mechanized) work	Safety intervals (treatment frequency)
Spring and winter wheat	Stinking smut, loose smut, Helminthosporium and Fusarium root rots, seed molding, Septoria spot, alternaria seed infection	1.0–1.2	10	Pre-sowing seed treatment	–(1)
Winter wheat	Fusarium mold	1.2			
Spring and winter barley	Covered smut, loose smut, Helminthosporium and Fusarium root rots, barley net blotch and stripe, seed molding, alternaria seed infection	1.0–1.2			
Soybean	Fusarium root rot, fusarium wilt, Ascochyta spot, seed molding, alternaria and bacterial seed infection	1.0–1.2	6–8		
Pea	Fusarium root rot, fusarium wilt, Ascochyta spot, seed molding, alternaria and bacterial seed infection	1.0–1.2			

Sunflower	False powdery mildew, white mold, grey mold, Fusarium root rot, seed molding, alternaria seed infection	1.6–2.0	10

Application technique. 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. Flush the product container with water several times and pour the water into the tank of the pickling machine.

Perform preparation of working liquid and seed treatment at centralized treatment stations.

Resistance probability

No cases of resistance have been reported.

Compatibility with other pesticides

Compatible with insecticidal seed treatments and other agrochemicals manufactured by Schelkovo Agrohim that are used for treating seeds of cereals, pulses, and oilseed crops.

Before large-scale application, chemical and biological compatibility with specific products at recommended doses must be verified.

Phytotoxicity

The product is not phytotoxic at observance of the procedures for the product application.

General information

Chemical class

dithiocarbamates, strobilurins, triazoles

Hazard Class

2, highly hazardous substance

Shelf life

3 years

Storage temperature:

-15 to +30°C

Package

5 L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia