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Triada, CSC

colloid solution concentrate

propiconazole 140 g/l + tebuconazole 140 g/l + epoxyconazole 72 g/l

Systemic fungicide intended to protect cereal crops against a wide range of diseases.

Advantages:

- Highly effective at reduced concentration of the active ingredient due to innovative preparative form CSC
- Three highly efficient active ingredients in optimal proportion
- Indispensable for controlling leaf and stem diseases of cereal crops (Septoria blight, oidium, rust, etc.)
- Fast penetration into the plant and arrest of disease development
- Optimal combination of active ingredients prevents resistance
- Quality grain

Action

Mode of action

The preparation penetrates plants through leaves and stalks and moves in an acropetal way. It produces a fungicidal effect of vegetative organs of fungi and inhibits sporogenesis. It inhibits biosynthesis of ergosterol (principal steroid compound of most fungi) regulating permeability of the cell membrane. Due to the absence of ergosterol, fungi fail to form cell membranes. This blocks the growth and development of harmful pathogen.

Rate of exposure

It starts to act immediately after treatment.

Protective period

Up to 40 days.

Speed of action

Visible symptoms appear in 2 or 3 hours after treatment.

Spectrum of action

Oidium, brown rust, stem rust, yellow rust, dwarf rust, Septoria blight, Pyrenophora leaf blight, dark brown spot, netted spotting, Rhynchosporia blight, etc.

Usage regulations

Crop	Harmful object	Preparation consumption rate, l/ha	Mix consumption rate, l/ha	Method, time and conditions of application	Wait time (application frequency)

Spring and winter wheat	Powdery mildew, brown rust, stem rust, Septoria blight, Pyrenophora leaf blight	0.5 - 0.6	200-400	Treatment of plants during vegetation period	30(1-2)
Spring barley, including brewing barley	Powdery mildew, dark brown spot, netted spotting, Rhynchosporia blight	0.5-0.6	300		30(1-2)
Spring and winter wheat	Fusarium head blight	0.6	200-300	Treatment – end of ear formation to start of blossoming	30(1)

Application technique. Mix preparation method

Prepare the mix immediately before use.

Fill the sprayer tank with water to 1/2 of its volume, slowly add the entire preparation dose while stirring, and rinse the container with preparation remainders several times with water. Pour water after rinsing the preparation container to the sprayer tank and top up with remaining water until full while continuously stirring.

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

Use ground-based boom sprayers Amazone, OP-2000-2-01, or similar.

Compatibility with other pesticides

The preparation is compatible in mixes with other pesticides. However, the preparations to be commingles should be checked for compatibility in each specific case.

Phytotoxicity

No phytoncide effect is recorded. When sage regulations are met, crops demonstrate a relatively high tolerance to the preparation.

Potential for resistance

Where recommended doses and preparation application technique are met, no cases of resistance are recorded.

General information

Storage conditions

Keep the preparation in a room dedicated for pesticide storage. Storage temperature range - minus 10 C to plus 35 C. Stir before use.

Hazard class

Hazard class 2, high danger

Shelf life

3 years

Packing

5 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia