Schelkovo Agrohim
Zavodskaya street 2
141108 Schelkovo
Russia
+7 495 745 0551, 745 0198
info@betaren.ru

Capella, ME

microemulsion

propiconazole 120 g/l + flutriafol 60 g/l + difenoconazole 30 g/l

A systemic combined fungicide to protect cereal crops, apple trees and grapes against a wide range of diseases.

Advantages:

- High fungicidal activity against diseases of leaves and spikes
- The combination of three active ingredients ensures an extended spectrum of action
- Microemulsion ensures a high rate of penetration of active ingredients to the place of infection and the fastest protective effect
- Strong preventive and curative effects and long-term protective period
- Stimulating effect on the growth and development of protected plants and increased photosynthesis in flag leaves of winter wheat
- Contribution to high-quality grain formation

Action

Mode of action

The product has a systemic action, penetrates through the leaves and stems, and moves acropetally.

Active ingredients inhibit sterol biosynthesis causing the disruption of cell membrane permeability, cell division stoppage, and pathogen death.

The presence of active ingredients in the form of microemulsion ensures immediate eradicating, curative and prolonged effects on pathogens.

Protective effect period

3–4 weeks, in case of epiphytoty from 7 to 10 days.

Rate of exposure

2 to 3 hours post-treatment.

Usage regulations

Crop	Harmful object	Consumption rates of preparation, l/ha	Consumption rates of working liquid, l/ha	Method, treatment time, and application features. Period of manual (mechanized) work	Safety intervals (treatment frequency)

Spring wheat, Winter wheat	Powdery mildew, rust, Septoria blight, Helminthosporium blight, tan spot	0,8-1,0	200-300	Treatment during vegetation at ‘in the tube exit phase – start of ear formation’ stages, against Fusarium blight of the head – end of ear formation to start of blossoming -(3)	40(1-2)
Winter wheat	Cercosporella root rots	0,9-1,0			
Winter wheat	Fusarial head blight, dark mildew	1,0			
Spring barley, winter barley	Powdery mildew, rust	0,8-1,0	200-300	During the vegetation period -(3)	
	Dark brown spot, netted spotting, rhynchosporium	0,9-1,0			
Grapes	Oidium, gray mold, black mold, black spot	0.8-1.0	800-1000	Treatment during vegetation: first treatment – preventive or as symptoms of diseases appear, further treatments – every 10-14 days	30(4)

Apple tree, pear	Scab, monilial fruit rot, powdery mildew, Alternaria, storage rots: monilial fruit rot, penicillium rot, gray rot, cladosporiosis rot, bitter gleosporium rot	0.8-1.0	800-1000	30(4)

Product application features

The product is not phytotoxic at observance of the procedures for the product application. The cultivated plants show a rather high level of tolerance to the product. Sometimes after treatment, a short-term yellowing of the leaves is observed, which does not affect the growth and development of the crop.

Application technique. Working liquid preparation procedure

Prepare the working solution immediately before use.

Fill the sprayer tank half full with water, add the full dose of the product slowly with stirring, and rinse the container with the product residue several times with water. Add the flushing water and the remaining amount of water to the sprayer tank while stirring.

Continue stirring during the application to ensure the working solution homogeneity.

Prepare the working solution and refill the sprayer at designated places that are to be deactivated later.

For spraying, commercially available ground boom sprayers for the application of fungicides are used.

Plants are sprayed in windless weather ensuring the uniform wetting of leaves. The interval between treatment and possible atmospheric fallout should be at least 3–4 hours.

Compatibility with other pesticides

The product is compatible with most pesticides in tank mixtures. However, in each case, the products to be mixed should be checked for compatibility.

Phytotoxicity

The product is not phytotoxic at observance of the procedures for the product application. The cultivated plants show a rather high level of tolerance to the product. Sometimes after treatment, a short-term yellowing of the leaves is observed, which does not affect the growth and development of the crop.

Probability of resistance

Resistance has not been observed if the recommended consumption rates and methods of application are used.

General information

Chemical class

triazoles

Formulation

microemulsion

Hazard class

hazard class 2, highly hazardous substance

Shelf life

5 years

Storage temperature range

−10°C to +35°C

Packaging

PE container 10L

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia