SCHELKOVO AGROHIM

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



Medeya, ME

microemulsion

difenoconazole 50 g/l + flutriafol 30 g/l

Systemic fungicide intended to protect gardens, vineyard and conifers against a wide range of diseases.

Advantages:

— Highly effective at reduced concentration of the active ingredient due to innovative formulation ME

— Bio-efficiency against a number of most harmful diseases due to optimal combination of two active ingredients

— Reliable protection against aerogenic diseases at initial vegetation stages

— High rate of penetration to the infection point and quickest curative effect due to innovative formulation

— Ability to restrain sporogenesis of pathogens and to mitigate secondary contamination, if optimal treatment timing is missed, and symptoms of diseases have already appeared

Action

Mode of action

Difenocanazole impairs biosynthesis of sterols in the fungus organism. As a result, it inhibits the processes of growth tube elongation, cell differentiation and mycelium growth. Flutriafol inhibits demethylation of sterol biosynthesis and impairs selectivity of pathogen cell membrane permeability.

Protective period

For preventive measures - 7-10 days (for moderate rates of disease development) and 7 days for epiphytotic development of diseases.

Speed of action

Visible symptoms appear in 2 or 3 hours after treatment.

Spectrum of action

Mildew, oidium, anthracnose, black spot (Phomopsis blight), gray rot, white rot, complex of berry rots (moldlike, penicilliosis, aspergillar, rhizopus), scab, Monilia blossom wilt, oidium, Alternaria blight, black (carbonaceous) spot, Phyllosticta leaf blight, rust, celery late blight of pear (Septoria blight), soot dew, leaf blight, fruit storage decay (Monilia, penicilliosis, bitter, moldlike, Phytophthora), Fusarium root blight, bacilliform burn.

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.

Usage regulations

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

Grapes	Oidium, black rot, black spot, gray rot	0.8-1.2	up to 1000	Treatment during vegetation: first treatment – preventive or as symptoms of diseases appear, further treatments – every 7-10 days	28(3-4)
Apple tree	Scab, oidium, Phyllosticta leaf blight, fruit rot, fruit storage decay: Monilia, penicilliosis, bitter, moldlike		up to 1000		
Conifers (nurseries)	Common schutte	1.0	100-200	Spraying during the growing season at 3-week intervals	-(3)
	Snow Schutte	1.0	100-200	Spraying in late fall before snow cover is established	-(1)

Application technique. Mix preparation method

Prepare the mix immediately before use. Fill the sprayer tank with water to 1/3 of its volume, slowly add the calculated 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. Stir continuously during treatment to ensure mix uniformity. Prepare the mix and fill the sprayer on dedicated sites that are disinfected afterwards. Perform treatment in a zero wind weather.

Compatibility with other pesticides

The product is compatible with other fungicides and insecticides, agrochemicals and plant growth regulators used to protect the declared crops, with the exception of products with a highly alkaline reaction.

In each case, a preliminary check for the physical and chemical compatibility of the components being mixed is recommended.

When preparing tank mixtures, direct mixing of products without prior dilution (dispersion) in water is prohibited.

General information

Chemical class

triazoles

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.

Shelf life

5 years

Packing

5 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia