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Vintage, ME

microemulsion

difenoconazole 65 g/l + flutriafol 25 g/l

A systemic combined fungicide with the innovative formulation to control a wide range of diseases in sugar beet, soy, pea, chickpea, and rice.

Advantages:

- High rate of penetration of active ingredients to the place of infection and immediate effect on pathogens due to the innovative formulation
- Enhanced initial fungicidal activity and prolonged protective effect due to the effective combination of two active ingredients
- Expanded spectrum of action
- Powerful curative and long-term preventive effect
- Additional fumigant action against Erysiphales
- Aerial spraying is allowed

Action

Mode of action

The product has a systemic action. When spraying, the product is absorbed by leaves and stems by penetrating the plant tissues. Difenoconazole and flutriafol inhibit sterol biosynthesis causing the disruption of cell membrane permeability, cell division stoppage, and pathogen death. Moreover, additional fumigant antifungal activity of flutriafol, especially against powdery mildew, allows the product to deeply penetrate the plant tissues with maximum speed and kill pathogens immediately.
The presence of active ingredients in the form of microemulsion ensures the fastest curative effect and prolonged protection against pathogens.

Protective effect period

Up to 30days, in case of epiphytoty from 7 to 14 days.

Rate of exposure

High exposure rate, the product is effective immediately after 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	Safety intervals (treatment frequency)

Sugar beet	Cercospora, powdery mildew, Phoma	0.6-0.8 0.6-0.8(A)	200-300 50-100(A)	Spraying in the vegetation period: first, the appearance of single symptoms one of the disease; the second - if necessary after 10-14 days	40(2)
Soybeans	Ascochytosis, anthracnose, Septoria blight, Fusarium blight	0.6-0.8 0.6-0.8(A)	200-300 50-100(A)	Spraying during the growing season: the first - with the appearance of single signs of one of the diseases; The second - if necessary in 10-14 days	40(2)
Peas (except vegetable)	Ascochytosis, rust, Powdery mildew	0.8-1.0 0.8-1.0(A)	200-300 50-100(A)	Spraying during the growing season: the first - with the appearance of single signs of one of the diseases; The second - if necessary in 10-14 days	28(2)
Rice	Rice blast	0.8-1.0 0.8-1.0(A)	200-300 50-100(A)	Spraying during the growing season: the first - preventive or when there are single signs of the disease in the phase of the appearance of the flag sheet; the second is the beginning of the sweep of the broom	40(2)

Chickpea	Ascochytosis	0.8-1.0	200-300	Spraying during the growing season when the first signs of the disease, but not later than the phase of budding, subsequent if necessary - at intervals of 10-14 days	28(2)
Lupin	Anthracnose, brown leaf spot	0,8	200-300	Spraying during the growing season when the first signs of the disease	- (2)
Oilseed flax	Anthracnose, Fusarium blight	0,8-1,0	100-300	Spraying during the growth period, from the 'herringbone' stage to the budding stage: 1st - when one of the diseases appears, then at intervals of 10-14 days	40(2)

(A) - aerial treatment

Application technique. Working liquid preparation procedure

Prepare the working solution immediately before use and use it on the day of preparation.

Ground treatment:

Fill the sprayer tank half full with water, start the stirrer, add the full dose of the product, and add the remaining water. Flush the product container with water several times and pour the flushing water into the sprayer tank while stirring.

Aerial treatment:

Prepare the working liquid at a stationary SZC-10 refilling station.

To prepare the working liquid, fill 1/2 of the spray tank with water, add the estimated amount of the product and the remaining water while stirring.

Pump the prepared working liquid to the filling tanks of APT Temp mobile units and deliver to the treatment site.

Prepare the working solution and refill the sprayer at designated filling places in tanks equipped with mechanical stirrers that are to be deactivated later.

In case of ground treatment, use commercially available ground boom sprayers intended for the application of fungicides.
Perform aerial treatment from An-2 planes and Mi-2 helicopters.
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; if the procedures for the product application are observed, the cultivated plants show a rather high level of tolerance to the product.

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

General information

Chemical class
benzimidazoles, strobilurins
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

Hazard Class
Hazard Class 3, moderately hazardous substance

Packing

10 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia