



Skorlet, ME

Scarlet, ME

microemulsion

imazalil 100 g/l + tebuconazole 60 g/l

Fungicidal seed treatment intended for pre=planting treatment of cereal, maize, rape, soybean, and sunflower seeds against a wide range of diseases.

Advantages:

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- High biological activity against a wide range of pathogens due to an innovative formulation
- Optimal level of protection under moderate disease pressure
- Long-lasting protection of the root system and seedlings throughout the growing season
- Promotes robust root development and stimulates vegetative growth
- Practical solution for farms growing a wide range of crops

Action

Mode of action

The preparation contains two active ingredients - imazalil and tebuconazole.

Imazalil has a local systemic action and protects roots. Imazalil inhibits synthesis of ergosterol that has effect on permeability of pathogen cell membranes.

Tebuconazole has a systemic translocating action and protects the plantlet. Tebuconazole inhibits biosynthesis of sterol in pathogenic organisms, which results in changes in the membrane (its permeability), reduced reproduction and, eventually, death of the pathogenic cell.

Protective period

Bio-effect lasts from seed sprouting stage to tubing stage and until appearance of a flag. Due to its systemic effect, the preparation is efficient against surface and internal seed infection, and a number of disease excitants affecting the plant during a later vegetation period.

Speed of action

High. Fungicidal effect may be observed in 2 to 4 hours after seed treatment (drying time).

Spectrum of action

Alternaria blight, Ascochyta blight, white rot (radical rot), brown rust, Helminthosporium root rot, Fusarium root rot, rhizoctonia radical rot, stone smut, utricular smut, dust-brand, false dust-brand, pediculate smut, stinking smut, root rots, oidium, downy mildew, seed molding, corncob molding, gray rot (see infection), netted spotting, Phomopsis blight, Fusarium blight, Fusarium snow mold, etc.

Compatibility

Efficient when used alone.

Potential for resistance

Where recommended doses and preparation application technique are met, resistance of pathogenic organisms is unlikely to occur.

Usage regulations

Crop	Harmful object	Consumption rates of product, l/t	Consumption rates of working liquid, l/t	Method, time, features of application. Timeframes for the start of manual (mechanized) work, days	Safety interval, days (number of applications)
Winter wheat	Dust-brand, stinking smut, Fusarium root rot, Helminthosporium root rot, rhizoctonia radical rot, oidium, seed molding	0.3-0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
	Fusarium snow mold (in areas of moderately depressive disease development)	0.4			
Spring wheat	Dust-brand, stinking smut, Fusarium root rot, Helminthosporium root rot, oidium, seed molding	0.3-0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
Spring and winter barley	Dust-brand, false dust-brand, stone smut, Fusarium root rot, Helminthosporium root rot, Pythium rot, seed molding, netted spotting	0.3-0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)

Winter rye	Pediculate smut, Helminthosporium root rot, Fusarium root rot, brown rust, oidium, seed molding	0.3-0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
	Fusarium snow mold	0.4			
Maize (for grain)	Utricular smut, dust-brand, Fusarium root and radical rots, Fusarium blight, seed and corn cob molding	0.4	5-10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
Sunflower	Phomopsis blight, white rot (radical), gray rot (seed infection), Fusarium root rot, seed molding	0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
Soybeans	Fusarium root rot, Ascochyta blight, Fusarium blight, seed molding	0.4	5-6	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
Pea	Fusarium root rot, Ascochyta blight, Fusarium withering, seed molding	0.3-0.4	up to 10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)

Rape	Root rots, downy mildew, seed molding, Alternaria blight	0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)
Oats	Covered smut, Helminthosporium root rot, Fusarium root rot, Helminthosporium blotch, seed molding	0.3-0.4	10	Treatment of seeds beforehand or immediately before sowing. -(-)	60(1)

Application technique. Mix preparation method

Prepare the mix immediately before seed treatment.

Fill the tank with water and add the required preparation dose while continuously stirring.

Treat seed using treatment units PS-10, Mobitox, or similar equipment designed for liquid preparations.

Phytotoxicity

No phytotoxic effect when used in recommended doses.

Recommendations on protection of valuable flora and fauna objects

Due to its specific application, the preparation do not pose danger to bees and of low hazard to fish – Hazard Class 3.

The preparation may be used within the sanitary zone of fishery water bodies.

Do not use treated seeds as cattle fodder.

General information

Chemical class

imidazoles, triazoles

Transport and storage conditions

Comply with all conventional rules of toxic substance transport. Keep the preparation in a room dedicated for pesticide storage. Storage temperature range - minus 10 °C to plus 30 °C. Stir before use

Shelf life

5 years

Hazard class

Hazard class 2, high danger

Packing

5 liter PE container

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia