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

ZIM 500, SC

suspension concentrate

carbendazim 500 g/l

Systemic fungicide intended to protect cereal crops, sugar beet and other agricultural crops against a wide range of diseases, and to treat seeds of cereal crops.

Advantages:

- Effective against root and foot rots
- An indispensable component of fungicidal protection under the conditions of high saturation of crop rotation with cereal crops
- Hampers the development of Fusarium mold even under conditions of high infection load
- Has a potent curative, eradicating, and preventive effect
- An additional advantage is the prevention of lodging of cereal crops
- Effective protection of beet against powdery mildew and Cercospora spot

Action

Mode of action

The preparation has a protective and curative action. The active ingredient is absorbed by leaves and roots, and moves primarily upwards. It restrains cell division in pathogens. The systemic action makes it possible to protect even parts of sick plants that the preparation does not come in contact with. Thanks to its curative action, the fungicide is efficient against diseases even when the plant already exhibits the symptoms thereof.

Protective period

The preparation has a protective and curative effect; protective period - up to 3 weeks.

Speed of action

3 to 5 hours after treatment.

Spectrum of action

Root and radical rots, oidium, Helminthosporium blight, Cercospora blight, dust-brand, stinking smut, Helminthosporium and Fusarium root rots, seed molding.

Compatibility with other pesticides

Compatible with most pesticides that are generally used on cereal crops. Check for chemical and physical compatibility with a specific preparation in recommended doses before large-scale use.

Potential for resistance

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

Usage regulations

Crop	Harmful object	Consumption rate product, l/ha	Consumption rate of working liquid, l/ha	Method, time and conditions of application. Application time for manual (machinery assisted) operations	Wait time (application frequency)
Winter wheat	Root and radical rots, cercosporrelle rot of the root neck, prevention of drowning	0.3-0.6	200-300	Treatment during vegetation period -(3)	40(1-2)
Spring and winter wheat	Powdery mildew	0.5-0.6		Treatment during vegetation period -(3)	40(1-2)
Winter barley	Root and radical rots, cercosporrelle rot of the root neck, prevention of drowning	0.3-0.6		Treatment during vegetation period -(3)	40(1-2)
Spring and winter barley	Powdery mildew	0.5-0.6		Treatment during vegetation period -(3)	40(1-2)

Sugar beet	Cercospora blight, powdery mildew	0.6-0.8	200-300	Treatment during vegetation period -(3)	40(3)

Application technique. Mix preparation method

Prepare the mix immediately before use. Fill the sprayer tank with water to 1/2, add the full preparation dose, and then top up with remaining water and stir. Stir continuously during planting treatment to ensure mix uniformity.

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

Use commercially available ground-based boom sprayers intended for fungicide application.

Phytotoxicity

No phytotoxic effect is recorded when used in recommended doses.

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, resistance is unlikely to occur.

General information

Chemical class

benzimidazoles

Transport and storage conditions

Keep the preparation in a room dedicated for pesticide storage. Storage temperature range - minus 15 C to plus 35 C

Shelf life

3 years

Hazard class

Hazard class 2, high danger

Packing

10 liter PE container

Registrant

Schelkovo Agrohim , Russia

Manufacturer

Schelkovo Agrohim, Russia