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



Benazol, WP

wettable powder

benomyl 500 g/kg

Fungicide of systemic action intended to protect cereal crops and sugar beet against a wide range of diseases.

Advantages:

- Most efficient preparation against snow mold on cereal crops
- Efficient suppression of a pack of diseases
- Preventive and curative action
- Extends vegetation period
- Treatment of winter crops improves crop overwintering capability
- Treatment of vegetating beet plants reduces losses of root crops from storage decay during storage

Action

Mode of action

The mode of action consists in inhibition of cell division in pathogenic organisms. Benomyl translocates towards the tops in the apical direction. Since the product has not only protective but also curative effect, it efficiently suppresses diseases.

Protective period

3 or 4 weeks.

Speed of action

3 to 5 hours after treatment.

Spectrum of action

Fusarium root rot, snow mold, Cercosporella spot, oidium, Cercospora blight, Phoma rot.

Compatibility

Compatible with other plant protective agents, except preparations with strong alkaline and acidic reaction.

Potential for resistance

Resistance is unlikely when usage regulations are met.

Usage regulations

Crop / object of treatment	Harmful object	Preparation consumption rate, kg/ha	Mix consumption rate, l/ha	Method, time and conditions of application. Application time for manual (machinery assisted) operations	Wait time (application frequency)

Winter wheat, winter rye	Fusarium root rot, snow mold, Cercosporella spot	0.3-0.6	200-300	Treatment of plants during vegetation period -(4)	50(1)
Spring and winter wheat	Oidium	0.5-0.6	200-300		
Sugar beet	Oidium, Cercospora blight, Phoma rot	0.6-0.8	200-400		40(1-3)

Application technique. Mix preparation method

Prepare the suspension mix immediately before use.

To prepare the suspension mix for spraying, pour the required preparation dose in an auxiliary vessel (bucket, drum), add water to paste-like consistency and stir. Pour the resulting mix into the sprayer tank filled with water. Rinse the empty vessel twice with water and pour it into the sprayer as well. Stir the mix thoroughly.

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

Perform treatment in a zero wind weather. Use ground-based beam sprayers Amazone, OPSh-15-01, ON-400, ON-1 OP-2000-2-01; OP-3200 or remote – OPV-1200; OP-2000; OVKh-28.

Phytotoxicity

Do not use the preparation when the crop is under stress due to pest attack, frost, or heavy rains.

Recommendations on protection of valuable flora and fauna objects

The preparation is of low hazard to bees and fish – Hazard Class 3. Basic provisions of the 'Guidelines for preventing bee poisoning with pesticides' and following environmental regulations:

treat plants at wind speed up to 4 or 5 m/sec;

protection boundary zone for bees – min. 2-3 km;

bee's flight time limitation – 5-6 hours.

Warn apiary owners 4 or 5 days before treatment.

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

General information

Chemical class

benzimidazoles

Transport and storage conditions

Comply with all conventional rules of toxic and explosive substance transport. Keep the preparation in a dry room dedicated for pesticide storage. Storage temperature range - minus 10 C to plus 40 C.

Shelf life

3 years

Hazard class

Hazard class 2, high danger

Packing

5 kg

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia