

**Organo-mineral fertilizers BRLNT ORGANIC** combining the action of a complex of biologically active substances and components, free L – amino acids of plants, macronutrients, trace elements of natural origin and in chelated form, vitamins, macro, micro and mesoelements with the addition of organic matter and humic acids of brown coal, in concentrated liquid form., have certain properties, which can help reduce the risk of fungal diseases, increase plant resistance, strengthen immunity, and improve the overall health of the soil. However, it should be noted that the use of BRLNT ORGANIC fertilizers is not a direct method of combating fungal diseases. However, BRLNT ORGANIC fertilizers have a health-improving property for plants and can strengthen them, helping to increase their resistance to various pathogens.

Beet diseases and their description:

- Cercospora (cercospora) is a fungal disease that affects the leaves of sugar beet. Small round or oval yellow-brown spots appear on the affected leaves.
- Ramularia (ramularia) is also a fungal disease of sugar beet leaves. Round spots with a gray or white center and a dark edge are formed on the affected leaves.
- Roest (Uromyces betae) is a sugar beet rust caused by the fungus Uromyces betae. When affected, orange or brown bubbles with fungal spores appear on the leaves.
- Mildew (Erysiphe betae) - powdery mildew of sugar beet is caused by the fungus Erysiphe betae. A white dusty coating appears on the upper side of the leaves, which eventually turns brown.
- Stemphylium is a fungal disease that affects the leaves of sugar beet. Round spots of beige or gray color with dark edging are formed on the leaves.

To combat these diseases on sugar beet, it is recommended to apply the following measures:

1. Sanitary measures:  
Remove and destroy affected plants and leaves to prevent the spread of diseases.
2. Choosing resistant varieties:  
Purchase resistant varieties of sugar beet that can resist various diseases.
3. Proper nutrition of plants:  
Use BRLNT ORGANIC organo-mineral fertilizers that will help strengthen the immune system of plants and increase their resistance to diseases.
4. Application of fungicides:  
If necessary, use fungicides recommended to combat specific fungal diseases.
5. Moderate watering:  
Avoid excessive watering to prevent the creation of a favorable environment for the development of fungal diseases.
6. Ventilation and lightening:  
Provide good ventilation and lighting in the fields to reduce humidity and prevent the spread of diseases.

It is important to apply an integrated approach to the control of sugar beet diseases, combining various control measures to achieve the best results and ensure healthy plant growth and yield.

Some of the benefits of organo-mineral fertilizers BRLNT ORGANIC, which may be useful in the fight against fungal diseases, include:

1. **Improving Plant Health:**  
BRLNT ORGANIC contains macro- and microelements that are essential for healthy plant growth and development. Plants that receive sufficient nutrition may be more resistant to fungal infections.
2. **Enhance Plant Immunity:**  
Some components of BRLNT ORGANIC, such as amino acids and humus acids, can help activate the immune system of plants. This can increase the resistance of plants to fungal pathogens.
3. **Improving soil structure:**  
BRLNT ORGANIC contains organic components that can improve soil structure and promote better air and water regime. This may reduce the likelihood of developing some fungal diseases associated with poor drainage capacity of the soil.
4. **Stimulation of microbiological activity:**  
Some components of BRLNT ORGANIC contribute to the development of beneficial soil microorganisms that can compete with fungal pathogens. This can help reduce the likelihood of infection of plants with fungal diseases.

However, for effective control of fungal diseases, it is recommended to use an integrated approach, including sanitary measures, proper cultivation of plants, crop rotation and other methods of combating pathogens.

The most effective drugs for fighting fungal diseases such as Cercospora, Ramularia, Roest (Uromyces betae), Mildew (Erysiphe betae), Stemphylium

To combat fungal diseases on sugar beet, such as Cercospora, Ramularia, Roest (Uromyces betae), Mildew (Erysiphe betae), Stemphylium, the following effective preparations are recommended:

- **Triazole Fungicides:** Triazole fungicides such as Triadimenol, Tebuconazole and others are effective in controlling various fungal diseases on sugar beets.
- **Strobilurin-based fungicides:** Strobilurin fungicides, such as Azoxystrobin and others, also have good activity against fungal diseases and can be used in combination with triazoles to increase effectiveness.
- **Copper preparations:** Copper in the form of oxychloride or hydroxide is one of the classic preparations for fighting fungal diseases and can be used to prevent and control various infections.
- **Biologicals:** Biological products based on antagonistic microorganisms or microbiologicals such as Bacillus subtilis bacteria can help reduce the spread of fungal infections.

- The use of mixtures of drugs: In some cases, the combination of different fungicides with different mechanisms of action can increase the effectiveness of the control of fungal diseases and reduce the risk of developing resistance.

Before using any chemicals, it is recommended to consult with an agronomist or plant protection specialist in order to choose the right preparations and determine the optimal time and dosage of treatments. It is also important to follow the instructions for use and safety when using chemicals.

"The fight against fungal diseases on sugar beets is a challenge that BROLLNT ORGANIC fertilizers will help solve! Our product is a unique formula rich in amino acids and trace elements, specially designed to actively stimulate growth and protect plants.

BROLLNT ORGANIC works in tandem with other sugar beet disease control agents to contribute to the fight against fungal infections such as Cercospora, Ramularia, Roest, Mildew, Stemphylium that can cause serious damage to your crops.

Our unique formula helps to strengthen plant immunity, accelerate growth and development, and increase their resistance to adverse conditions. Organo-mineral components of BROLLNT ORGANIC contribute to the creation of a favorable environment for healthy plant growth, as well as stimulate the natural defense mechanisms of plants, making them less susceptible to fungal infections.

Trust a reliable partner to take care of your crops! BROLLNT ORGANIC is care for plants and a rich harvest. Try BROLLNT ORGANIC today and see the difference!"