

Organo-mineral fertilizers of 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.

Some of the benefits of organo-mineral fertilizer 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 fight against fungal diseases such as *Rhizoctonia solani*, *Sclerotium rolfsii*, *Pythium* spp. and *Fusarium* spp. is an important task for agricultural producers. Here are some extended recommendations for combating these diseases:

1. Using healthy seed material: Choose high-quality seed material with a low level of fungal infection. Carry out seed treatment before sowing with the recommended fungicides.

2. Sanitary measures: Maintain cleanliness and hygiene on the field. Remove and destroy infected plants, crop residues and other plant residues to prevent the spread of fungal infections.

3. Increasing soil drainage: Ensure good soil drainage to prevent stagnation of water, which can contribute to the development of fungal diseases.

4. Proper watering: Manage the watering of plants, avoiding excessive soil moisture. Fungal infections often develop at high humidity.



5. Application of organic fertilizers: Regularly apply organic fertilizers, such as BRLNT ORGANIC fertilizers, compost or humus, to improve the structure of the soil and stimulate the development of beneficial microorganisms that can compete with fungi.

6. Application of fungicides: If necessary, use the recommended fungicides to protect plants from fungal diseases. Follow the instructions for use and treat the plants regularly according to the schedule.

7. Crop rotation: Practice crop rotation to prevent the accumulation of fungal infections in the soil. Avoid re-planting sensitive crops in the same place for several years in a row.

8. Use of resistant varieties: When choosing plant varieties, give preference to those that are resistant or resistant to fungal diseases.

9. Control assessment: Regularly check plants for signs of fungal diseases. If an infection is detected, take control and treatment measures as early as possible. It is important to remember that the effectiveness of control measures may vary depending on the specific soil conditions and climate in your region.

The most effective drugs for the fight against fungal diseases, such as *Rhizoctonia solani*, *Sclerotium rolfsii*, *Pythium* spp. and *Fusarium* spp:

To combat fungal diseases such as *Rhizoctonia solani*, *Sclerotium rolfsii*, *Pythium* spp. and *Fusarium* spp., there are several drugs that can be effective. However, the specific choice of the drug depends on a number of factors, including the type of disease, degree of lesion, soil type and climatic conditions. It is recommended to contact local agronomists, consultants or specialists in the field of crop production for specific recommendations and an assessment of the situation in your particular field. Some common medications that may be considered to combat fungal diseases include:

1. Fungicides: There is a wide range of fungicides developed to combat fungal diseases. The specific choice of fungicide will depend on the type of disease and plant variety. Some popular fungicides include thiadiazolidols (e.g. fludioxonil), triazoles (e.g. tebuconazole), and benzimidazoles (e.g. thiophanate-methyl).

2. Biological preparations: Instead of chemical fungicides, biological preparations based on beneficial microorganisms, such as bacteria or fungi, can be used. These drugs can help control fungal diseases and at the same time be more environmentally friendly. Examples of such drugs include *Bacillus subtilis*, *Trichoderma* spp. and *Gliocladium* spp.

3. Systemic protectants: The use of systemic protectants can be an effective way to combat fungal diseases, especially at an early stage of plant growth. These drugs are used in the treatment of seeds or soil and help protect plants from infection. Some systemic protectants include fludioxonil and metalaxyl.

4. Cultural methods: In addition to the use of chemical or biological drugs, it is important to use cultural methods to combat fungal diseases. This includes observing crop rotation, maintaining healthy soil conditions, destroying infected plant residues, and proper watering.

Remember that the choice and use of drugs should be based on local recommendations and compliance with manufacturers' instructions. Use drug treatment in combination with BRLNT ORGANIC fertilizers to create a synergy effect in the fight against diseases.