

PHYLAZONIT Technology

1st step - Phylazonit Stubble Decomposer

Improving state of soil as a growing medium

2nd step - Phylazonit Soil Inoculant, Phylazonit Soil Regenerator

Treating root zone

3rd step - Energia foliar fertilizer family

Reducing stress effect and ensuring balanced nutrition

4th step - Soil saving cultivation techniques



In the past decades Agrova Ltd. extended its activities to cover the whole product chain: the production, trade, research and also the development of the products. The quality and innovation represented by our products have been rewarded by several **Hungarian and international prizes**, while our **ethical and reliable business behaviour** and economic stability gained us a Bisnode AAA qualification.

After becoming a successful market player in Hungary, we are aiming to expand our business abroad.

As a part of this goal, we are currently looking for business partners, who would represent our products on foreign markets, and also share our mission: "Soil life is our life"



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PHYLAZONIT[®]

*Our vision is to enable
sustainable agricultural production
by restoring soil life
and fertility.*





Phylazonit™ liquid bacteria fertilizers are aiming to improve, restore and revitalize the soil in a natural way.

They are made up of naturally occurring bacterium strains, therefore they do not have any negative effects on environment and soil, and can also be *safely used in organic farming*. Owing to their composition, our products allow that *nutrients can be taken up by the plants* with the greatest possible efficiency, while also *increasing humus content of soil*, and *restoring its structure and water retention capacity*.

1ST STEP

Phylazonit Stubble Decomposer

accelerates and controls decomposition of dead plant parts into nutrients, thus increasing humus content and helping to stimulate microbial life in the soil, which has a positive effect on soil structure and cultivability. The phosphorus mobilizing strains in the product accelerating the uptake of phosphorus.

2ND STEP

The bacteria found in **Phylazonit Soil Inoculant** proliferate on the surface of roots and exert their beneficial effects there:

- 1) stimulate root formation, thus providing larger surface for nutrient and water uptake;
- 2) relieve the plant from energy-intensive processes by which the plants absorb nutrients that are not dissolved in water;
- 3) by binding nitrogen content of soil air and mobilizing phosphorus bound in the soil, it provides the plant with excess nutrients.

Bacterial strains in **Phylazonit Soil Regenerator** has been selected to stimulate root formation and - through their hormone production - accelerate development of the seedling. Due to their ability to produce siderophores, they reduce proliferation of harmful soil-dwelling fungi in the surrounding area of the root surface by binding and utilizing iron forms essential for their vital activity.



3RD STEP

Energia foliar fertilizer family

Energia Humin

A preparation for the initial development of plants, for the treatment of early stress effects and possible nutrient deficiencies. It contains macro- and microelements, humic and fulvic acid, which enhances metabolic processes of the cells and chelates certain nutrients, thus strengthening the plant's immune system.

Energia Plus

A preparation highly containing N, Mg, S, and 6 essential microelements for treating the intensively growing plant. It contains active ingredient N in the form of an amide, which can be well absorbed through the leaves. Due to its small molecular size, it also easily passes through the plant cuticle; it has no scorching effect and also promotes absorption of other compounds.