

# BIOLIT ULTRAFINE plus



Biological Leaf Spray 10  $\mu\text{m}$  (0,01 mm)

## BIOLIT

We are happy to advise you:  
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### Trade name

“BIOLIT ULTRAFINE plus” is a basic silicate volcanic stone powder with a pH of 8.4, which is produced by the finest grinding up to 0.01 mm. This micronization is slightly leaf-like, as the leaf pores (diameter of 0.04 mm) are larger than the BIOLIT grain. This fast-acting, fully biological planting agent is suitable for spraying the above-ground parts of plants as foliar spraying.

### Ingredients

5.2% CaO = lime basic effective  
3.2% MgO = magnesium oxide  
0.05% Na = sodium  
0.48% K<sub>2</sub>O = potassium oxide  
50.9% SiO<sub>2</sub> = silicon  
plus 22 important trace elements such as manganese, selenium, zinc, iron, sulfur, boron, molybdenum, copper

### Delivery Forms

Bigbag 700kg  
20 kg bags (25 pieces/pallet)

### Applications

“BIOLIT ULTRAFINE plus” is suitable for permanent use in grassland, agriculture, vegetable, fruit, wine, hops and for growing and herbs.

The micronization allows the rapid absorption of trace elements by the plant. It is therefore suitable for foliar application.



### Leaf Spray

For foliar application, a solution of water and biolite should be prepared. The application rate depends on the biomass. Hops tolerate 7kg / ha, wheat / corn 4-5 kg / ha, rapeseed 3-5 kg / ha and strawberries about 2kg / ha. In the herbal cultivation suffice 0.5 kg / ha. Use the usual amount of water.

Please ask our specialist advice for details.

### Approved for organic farming

“BIOLIT ULTRAFINE plus” is individually approved as a plant auxiliaries according to § 9a DMG. Country of origin Austria. It is suitable for all conventional and organic farms that want a harmonious supply of nutrients and trace elements.

### Prevents fungal diseases.

“BIOLIT ULTRAFINE plus” is effective in mildew, botrytis or other fungal diseases.

### Prevents insect infestation.

“BIOLIT ULTRAFINE plus” stabilizes the leaf by incorporation of silica and thus repels sucking and stabbing insects.

### Bioactive lactic acid bacteria

The microorganisms in „BIOLIT ULTRAFINE plus” promote soil biology in the direction of the desired fermentative environment.

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is suitable for  
organic farms.

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## Rot steering



Rotten steering in the manure binds nitrogen. The amount of clover grows significantly, the populations of buttercups or other weeds go back.

## Humus construction with BIOLIT



The finely ground BIOLIT, a basic siliceous volcanic rock dust, returns the minerals consumed in the soil.

Based on the well-known principles of silicate weathering, bacteria can build up humus with Biolit and reduce existing rot in the soil.

The high proportion of silicic acid at 50.9% strengthens the clay-humus complexes, improves the water storage capacity of the soil and makes the plants more resistant.

## Harmful fungi & insects



An infestation pressure with harmful fungi or sucking or biting insects decreases as the effect of silica.

## Remineralization



BIOLIT regenerates stressed soils. The regular treatment with BIOLIT visibly balances the mineral consumption of the soil - for healthy plants and healthy food.

## Earthworms love BIOLIT



Earthworms love the diversity of minerals in the BIOLIT and convert these plant-available by living construction.

## REFERENCES:

### Noticeable decrease in odor nuisance

Landfill Riederberg in Bruckhäusl, Austria:  
Wörgler / Kufsteiner Rundschau, 13.12.2000: „Bruckhäusl breathes.“

### Less ammonia losses

Addition of 5% BIO-LIT reduced manure ammonia by 27%.  
Austrian Research Center ARC, A-2444 Seibersdorf.

### More earthworms

Noted was the proliferation of earthworms, as well as the loose soil.  
F.S. Carinthia, Austria

### Red bird mite and BIOLIT

I pollinated the whole stable with Biolit, the walls, ceilings, cracks and nests. The problem of bird mites I have now completely got rid of.  
Dr. Berger, Salzburg, Austria

**The odor nuisance** in the application of liquid manure is much lower.  
M. M. Stralleg, Styria, Austria

### Bedding in the cubicles

Since use of BIOLIT are clogged manure channels history.  
M. E. Kumberg, Austria.

**Producer:**  
**Hartsteinwerk**  
**Kitzbühel GesmbH**

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Firmenbuch-Nr. 45333t  
Landesgericht Innsbruck  
UID-Nr. ATU31992305