

Bioleaching | Bioremediation | Biostimulants



## BioRemediation



BioLeaching



BioStimulants



# CHALLENGES



**Destroyed microflora and exhausted soil**  
**Green deal => 50% reduction of agrochemicals by 2030**



# OUR SOLUTION



ekotive<sup>.eu</sup>  
Bioleaching | Bioremediation | Biofertilizer



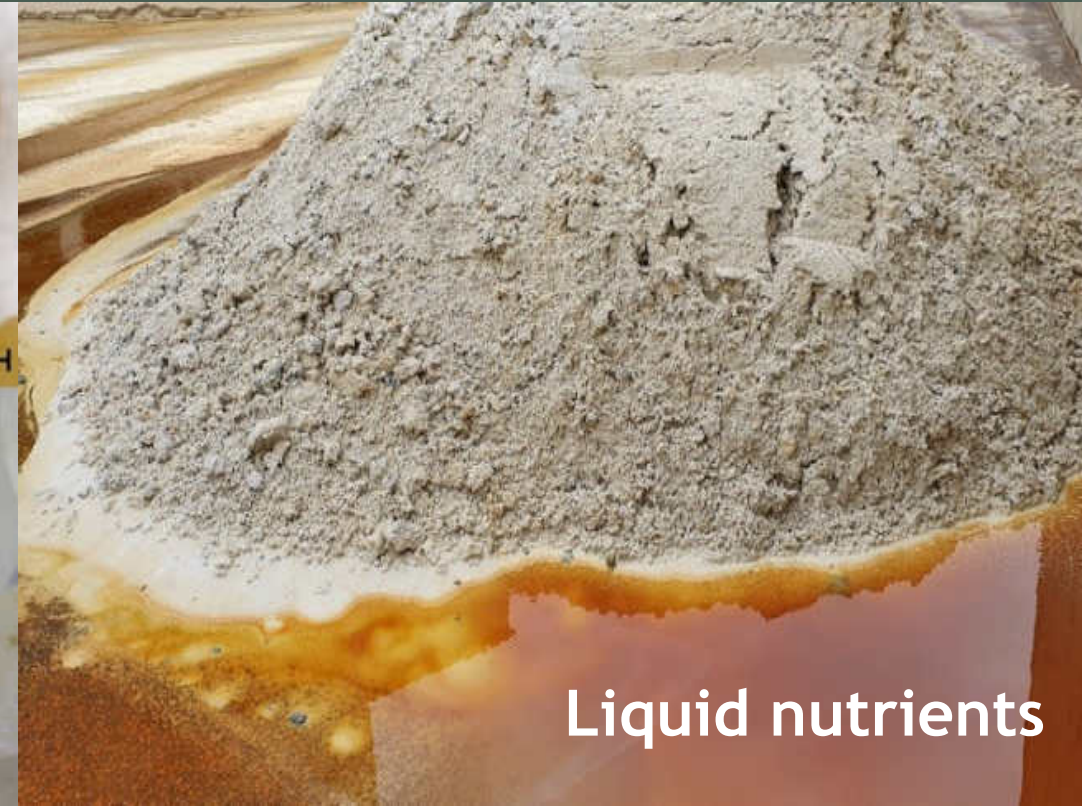
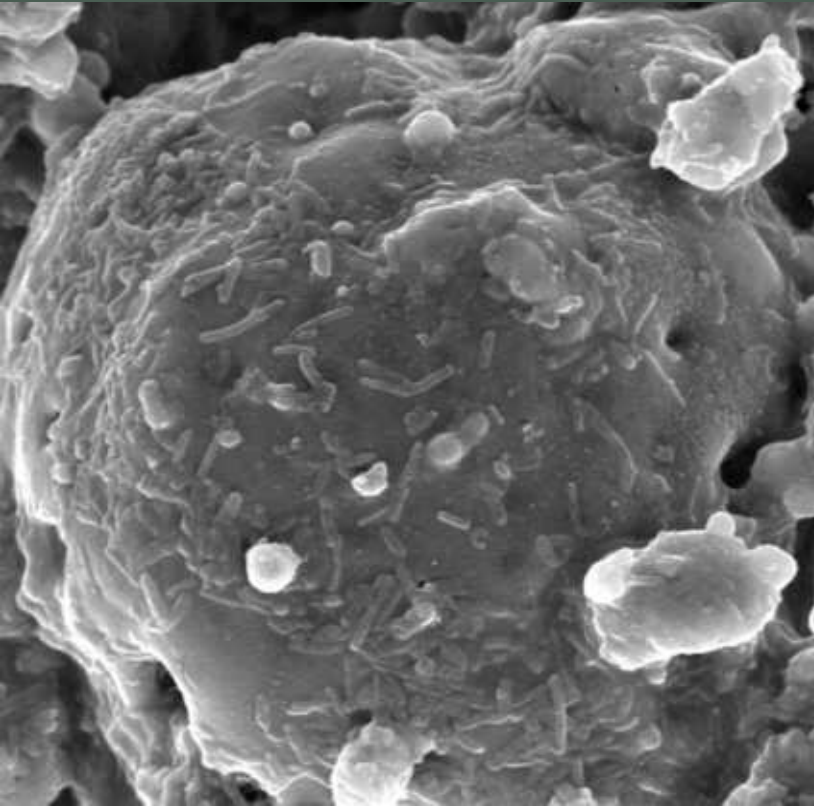
Effective **Biostimulants** from EU certified bioleaching of minerals to increase yield and health in agriculture:

ekofertile<sup>TM</sup>

microfertile<sup>®</sup>



# NATURAL SOURCES



**Bacteria dissolve minerals in bioleaching  
= reactivation of natural weathering of minerals in soil**



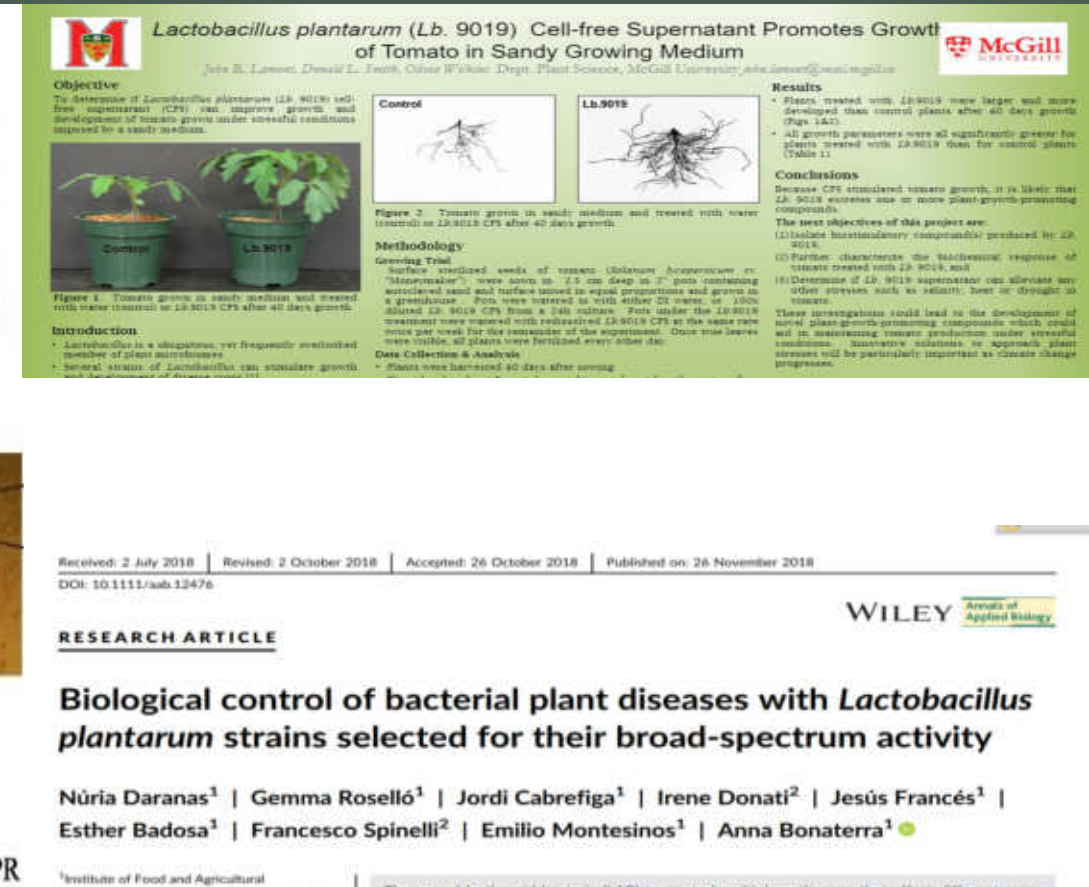
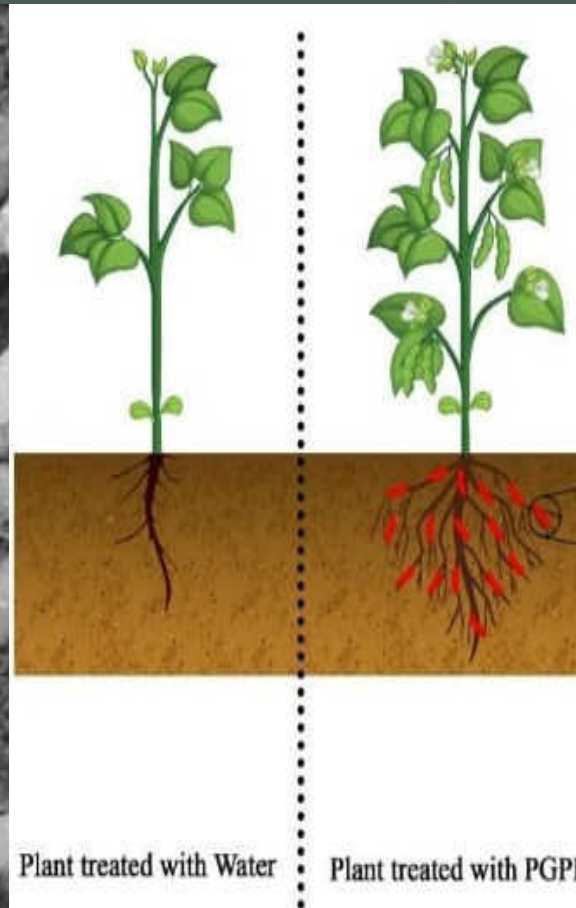
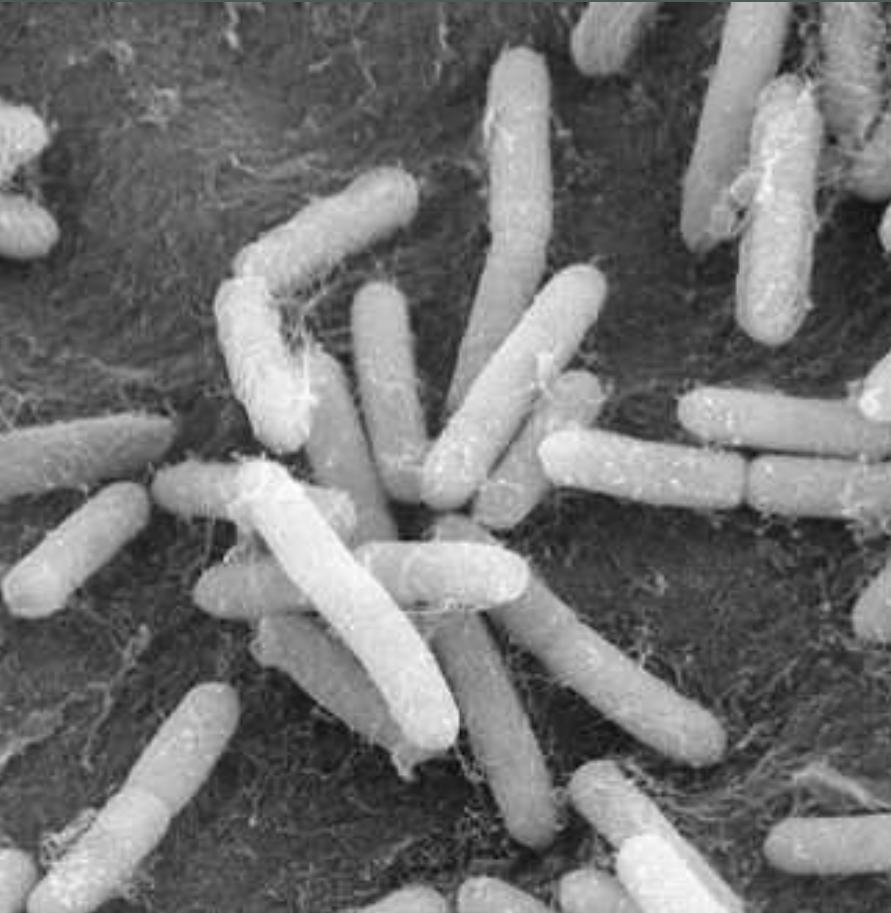
# OUR PRODUCTION

**ekolive**.eu  
Bioleaching | Bioremediation | Biostimulants





# HEALTH AND GROWTH STIMULATION



More than 10 billion of effective bacteria in only 1 litre of biostimulant

# COMPOSITION

Dutch  
Input List

FiBL

Skal > BIO CONTROLE



Probiotic plant  
growth promoting bacteria



Effective metabolites  
(organic acids)



Dissolved natural minerals:  
Fe, Zn, Mn, Mg, S, C ...



# TOMATOES (SK)



without



*microfertilite*®

6 x spraying with 5% solution = **triple increase in yield and chlorophyll**



# POTATOES (H)



without



3 x spraying with 10% solution = **50 % increase in yield**



# POTATOES (D)



without

ekofertile™



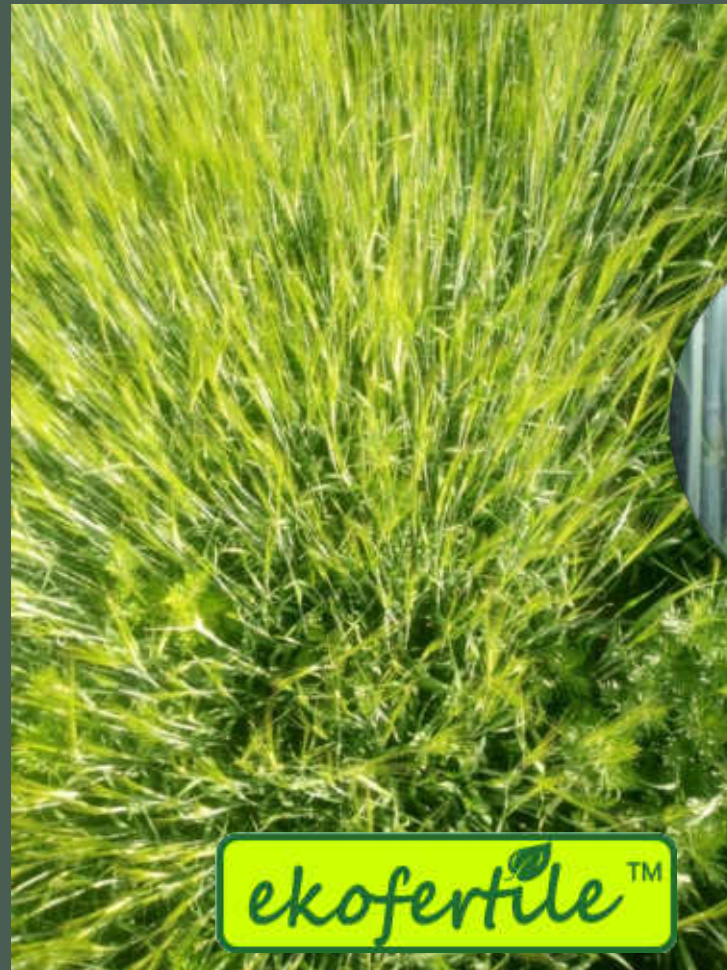
without

ekofertile™

3 x spraying with 1% solution = **increase in yield, no signs of fungus**



# BARLEY (D)



3 x spraying with 2% solution = **increased stocking and yield**



# CARROT (SK)



without

*ekofertile*™

3 x spraying with 2% solution = **increase in germination, yield**



# GERANIUM (HR)



3 x spraying with 2% and 5% solution = **increased biomass**



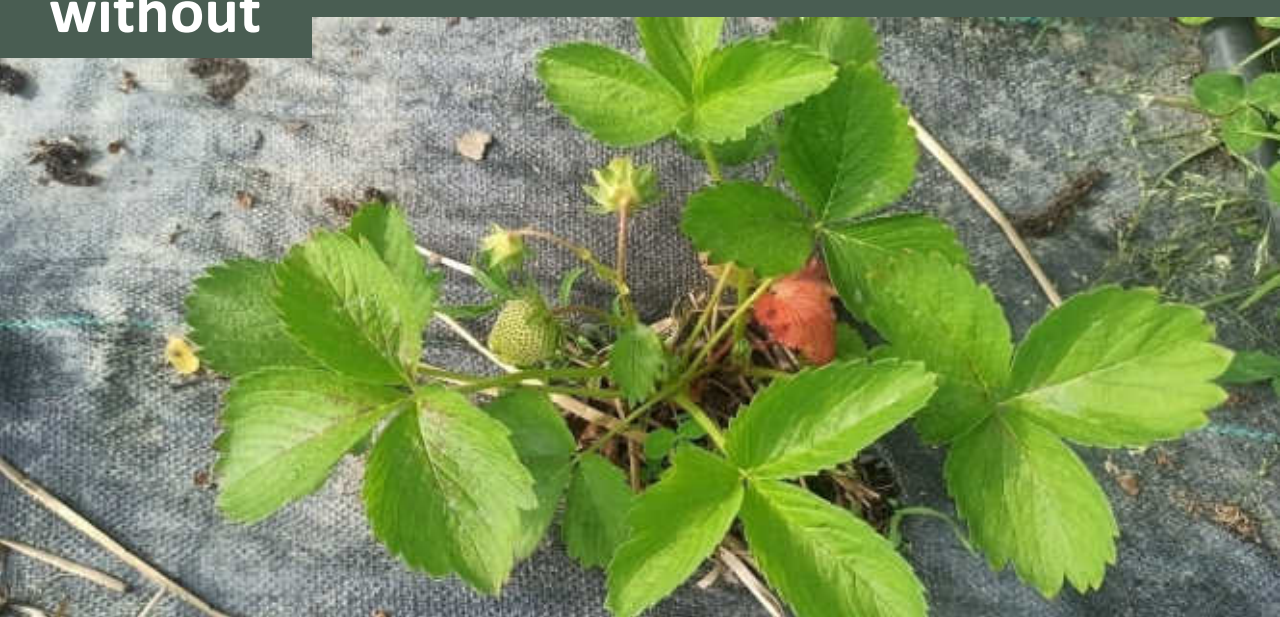
# STRAWBERRIES (SK)



without



*ekofertile*™



5 x irrigation with 2% solution = **60 % increase in yield, 150 % increase in sugar**



# STRAWBERRIES (SK)



without

ekofertile<sup>TM</sup>

2 x irrigation with 10% solution = seedling's size increase



# STRAWBERRIES (SK)



without

*ekofertile*™

2 x irrigation with 10% solution = **root system increase**



# STRAWBERRIES (SK)



~~16~~ 54 litres from 100kg of fruit = Triple the yield when distilling schnapps



# WATER MELONS (SK)



without



*ekofertile*™

2 x spraying with 3% solution = tremendous difference in mass development



# WATER MELONS (SK)



Size increase from ~ 10 kg to 24 kg, sugar content from 4% to 16%



# TESTIMONIALS (SK)

**Slovaks wanted to change mining, and they invented a unique biofertilizer. They are testing it in Europe, in Dubai or Sri Lanka, and also in Strážské**



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During last year's testing, Patrik Magdoško verified the functionality of Ekolive fertilizer on strawberries. This year, he is confidently experimenting with other crops.



We visited the farm during the melon harvest. Patrik Magdoško sells them at a self-service stand in front of his own house and uses them to make a special melon drink that is unique in the world. Even before we start the conversation, we have time to check the state of the melons in the field. The farmer praises the beneficial effects of biofertilizer on their size and sugar content.



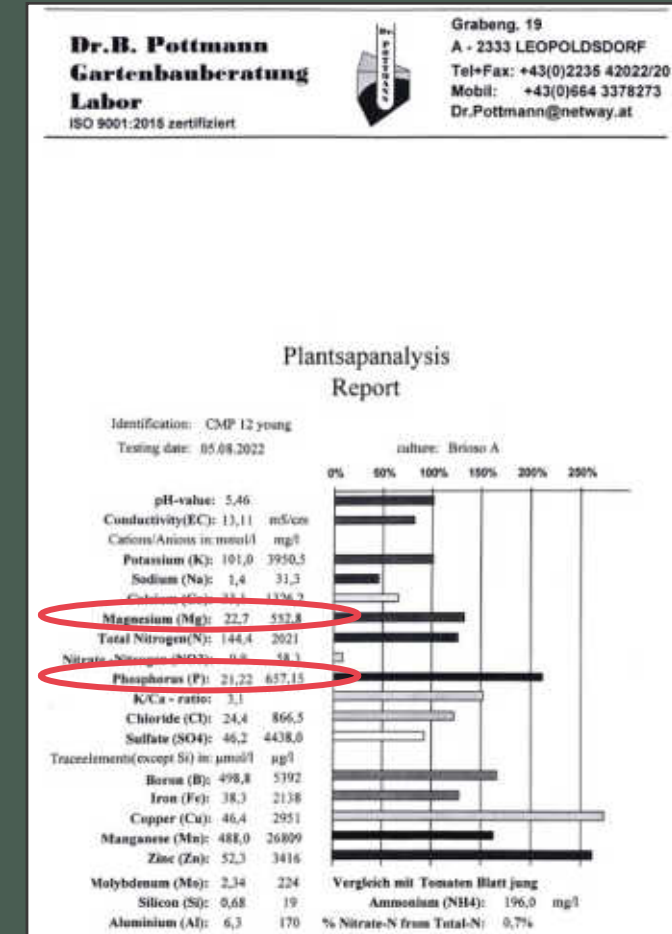
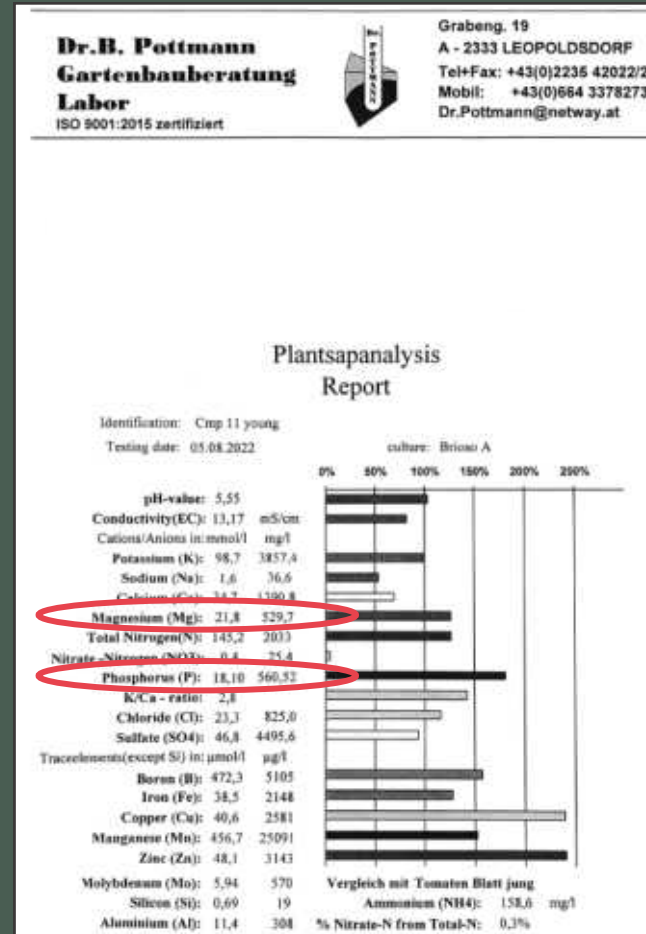
# SUGAR BEETS (D)



2 x spraying with 5% solution = **sugar content increase**



# TOMATOES IN HYDROPONICS (CZ)



3 x spraying with 1 % = increased stress resistance >35°C; less virus; °Brix increase!



# BAZIL IN HYDROPONICS (CZ)

Full replacement of conventional fertilizers  
Preparation for the conversion to organic farming  
Increased margins and more sales opportunities



Largest grower  
of herbs in CZ, SK



Irrigation 14 x 0,2%, 14 x 0,5% = **higher growth** than conventional fertilizer mix



# GRAPES (H)



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3 x spraying with 10 % = **full resistant to diseases** (mildew) without chemicals



# OLIVES (HR)



Irrigation 3 x 20 % = more flowers, higher yield, old trees revitalisation



# REVITALISATION

before



*ekofertile*™



before



*ekofertile*™





# REVITALISATION AFTER HERBICIDES



Soil loosening and multiple highly concentrated dosing = **complete revitalization**



# REVITALISATION AFTER FOREST FIRE





# BACTERIA INCREASE IMMUNITY

Probiotic bacteria colonize plants and displace pathogens  
=> 99.99% efficiency e.g. with fire blight or soft rot ...







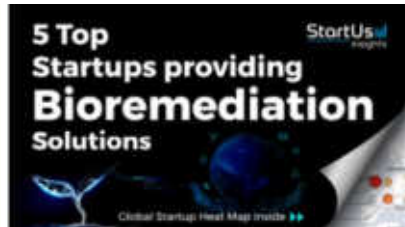
News

Slovakian soil regenerator ekolive  
wins sustainable innovation award  
WUR

Co-funded by the  
European Union



Co-funded by the  
European Union



**BMW Foundation**  
Herbert Quandt



# IMPACT



**Healthy, safe and delicious food,**  
increased food production (50 – 400 %)



**less chemicals, 25 % water saving**  
CO2 fixation, 96 % decontamination,  
renewed biodiversity



Industry – circularity



**Farmers – more profit – higher yield,**  
oil/protein/sugar

Bioproducts with **higher value**





Try to reactivate natural  
processes in your soil

Get samples of special biostimulants /  
Order with 30-50 % discount today



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