

A man with a beard, wearing a white t-shirt with 'OLD NAVY' and 'FIREMAN' printed on it, a brown baseball cap, and blue jeans, stands with his hands on his hips in a cornfield. The background shows rolling green hills and a clear sky. A white greenhouse is visible on the right side of the field.

# **SANBIO PLANTA.**

**Nutrition. Stimulation. Protection.**

The multi-functional fertilizer/activator for fertigation for all crops.

**WHY PLANTA ?**

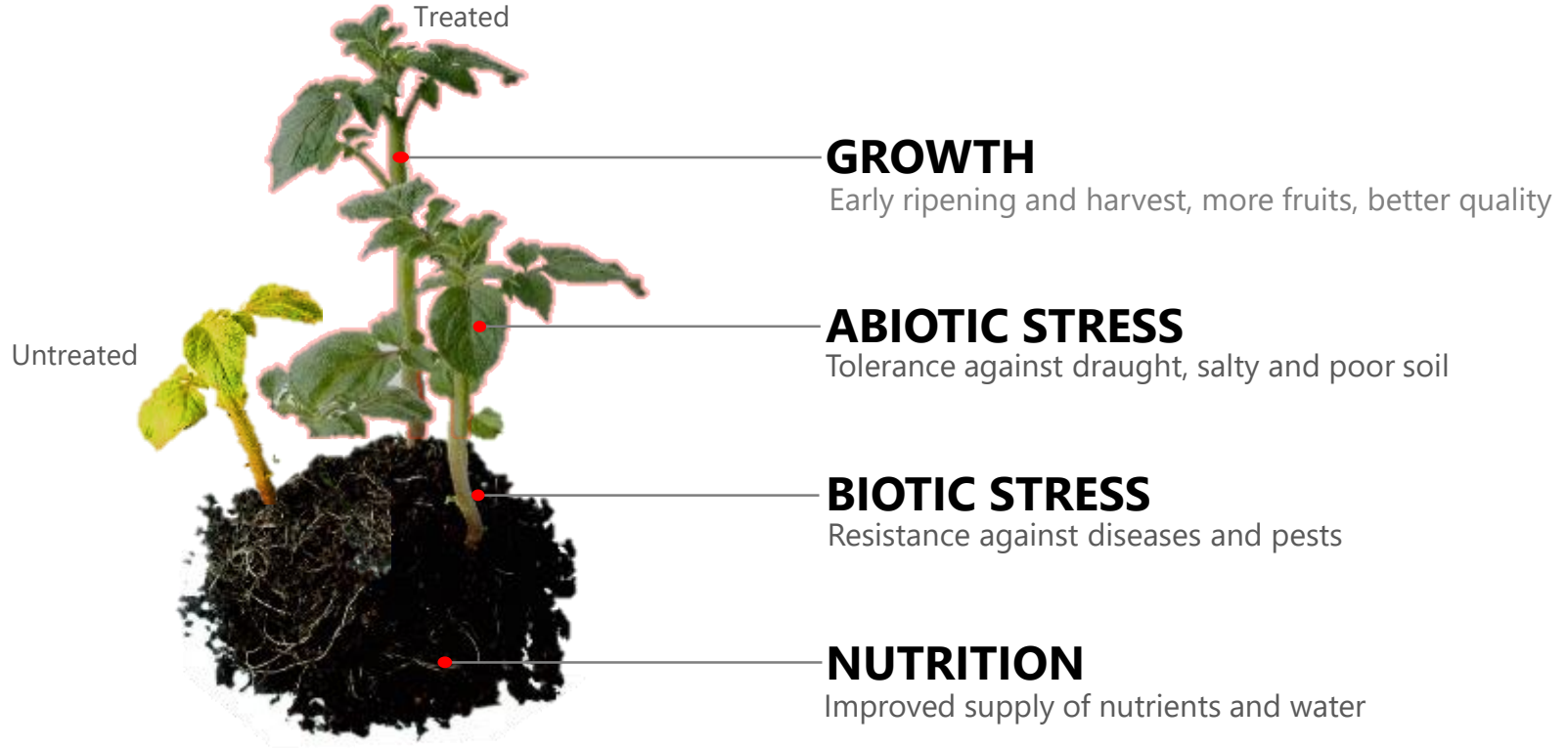
“ We help you to make more  
profit and save money. ”

Jörg MEYER  
Founder and CEO



# IT GIVES YOU THE **FULL CONTROL**

Sanbio® PLANTA provides strong **protection** against soil borne, fungal diseases, pathogens and provides control of **growth** promoting factors through its special production technology.





**YOUR BENEFIT**





## MORE YIELD

by increase  
your harvest



## BEST QUALITY

with tasty and attractive  
fruits and long shelf  
time



## SAVE MONEY

on fertilizer and  
pesticides



## HIGH REVENUE

by sell your fruits earlier  
than competitors

A close-up photograph of a person's hands, wearing a black and white plaid shirt, cupped together and holding a large quantity of dark, moist, and crumbly soil. The soil is piled high, filling most of the frame. The person's fingers are visible, with some soil clinging to them. The background is a plain, light-colored surface.

# **SOIL FERTILITY**

improvement for the  
coming seasons

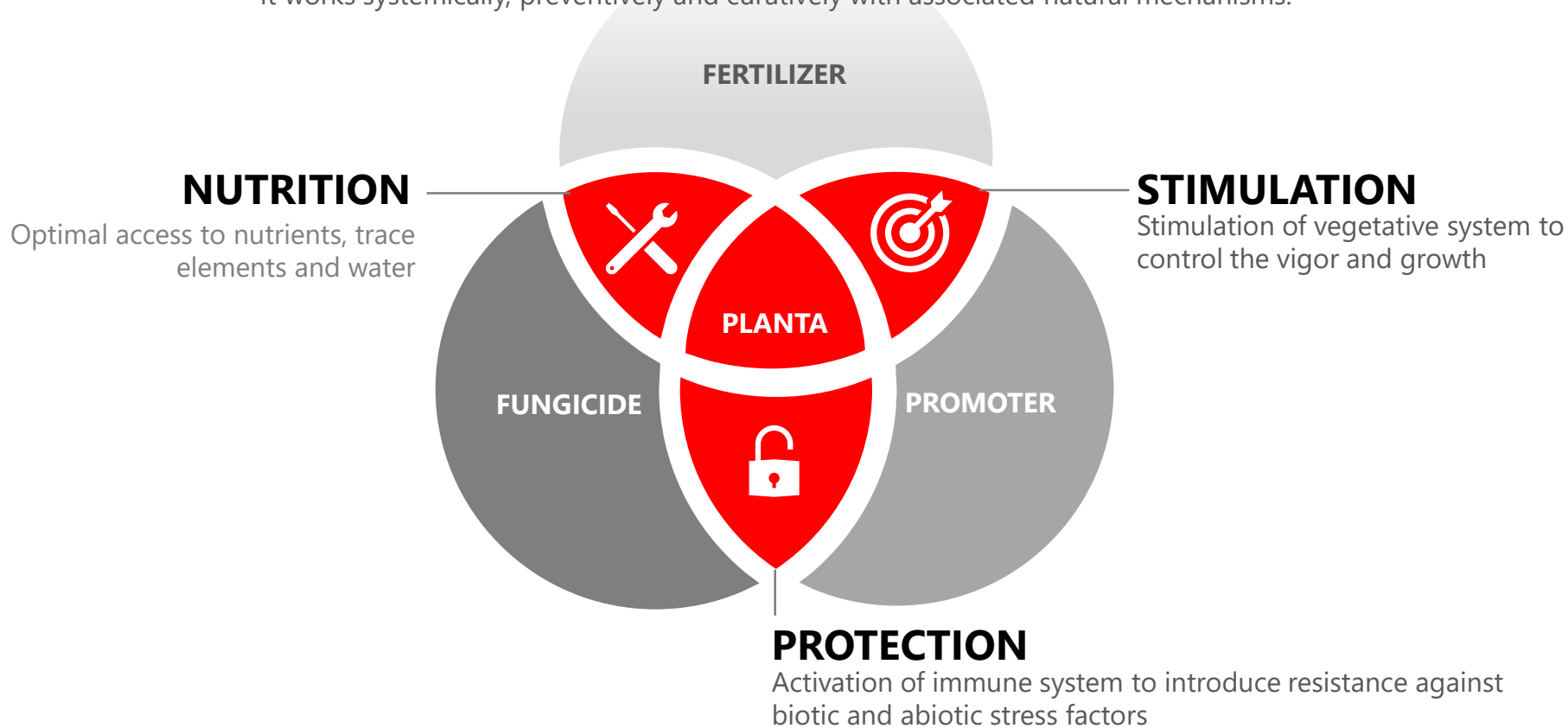


**BE DIFFERENT**



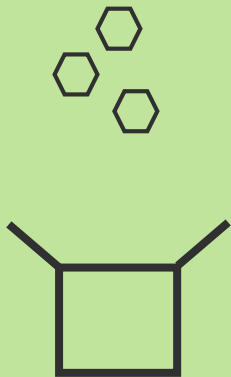
# MULTI-FUNCTIONAL - THE BEST FROM EACH CATEGORY

Sanbio® PLANTA combines **core functions** from each category.  
It works systemically, preventively and curatively with associated natural mechanisms.



# INNOVATIVE **PROGRAMMING** MAKES THE DIFFERENCE

Raw materials



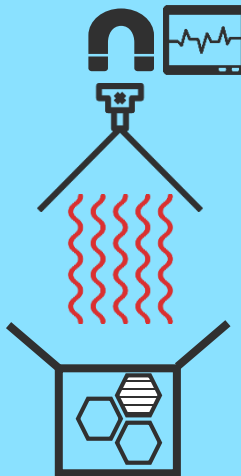
1. SELECTION

Mixing and filling



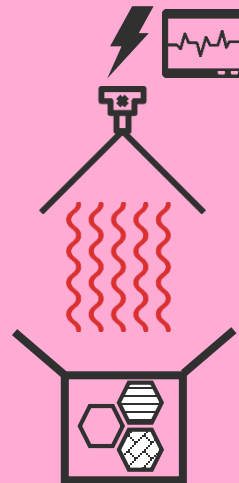
2. COMPOSITION

Magnetic field



3. MODIFICATION

Electric field



4. POLARISATION

Transportation



5. FINAL PRODUCT

# THE BEST A FARMER CAN GET

## ORGANIC-MINERAL FERTILIZER/ACTIVATOR

Suitable for all crops

## ORGANIC FARMING APPROVED

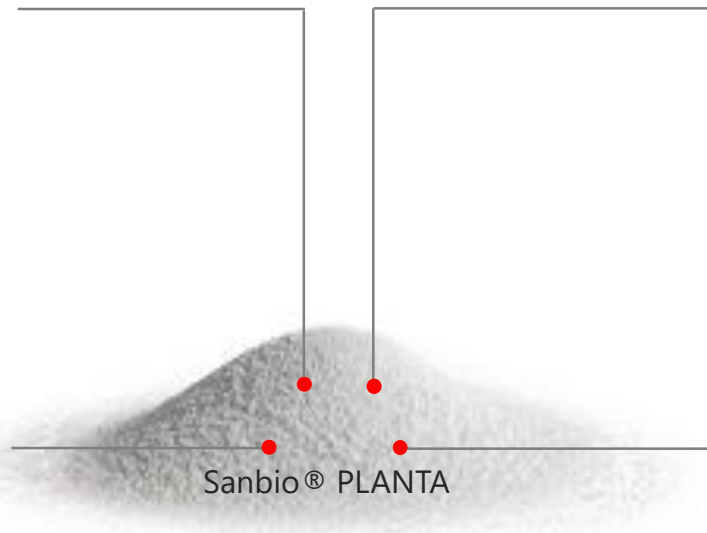
100% natural

## COMPOSITION

Magnesium sulphate.....60 %w/w  
Algae extract.....30 %w/w  
Microorganisms.....10 %w/w

## ACTIVATED

Iron-Sulphur-clusters to trigger  
protection and growth functions





**MODE OF ACTION**



# SCIENCE AT **WORK**

## **APPLICATION**

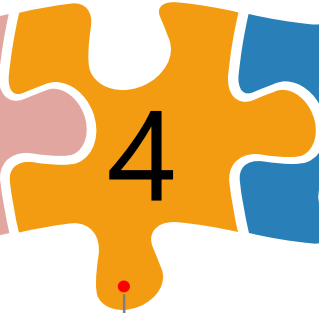
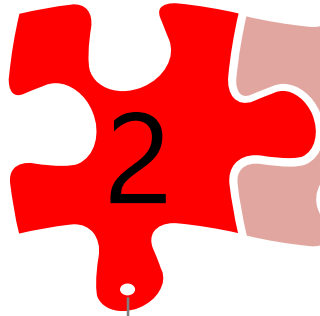
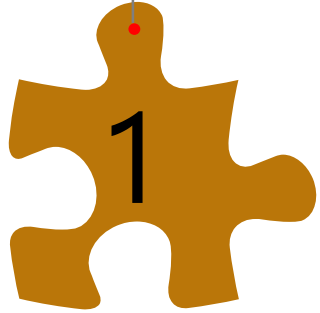
Transfer of product  
into root zone and  
into plant cell

## **CROP PROTECTION**

Secretion of messenger signals

## **GROWTH CONTROL**

Secretion of phyto-hormons



## **STIMULATION**

Electrical stimulation of  
plant cells

## **SYMBIOSIS**

Colonization and support of  
plant-associated bacteria and  
fungi

## **SUCCESS**

Harvest

# SAVE TIME. **SAVE MONEY.**

The soluble product is applied directly into the root zone. This saves time and effort.  
The fertigation ensures fast protection and accelerates the growth.

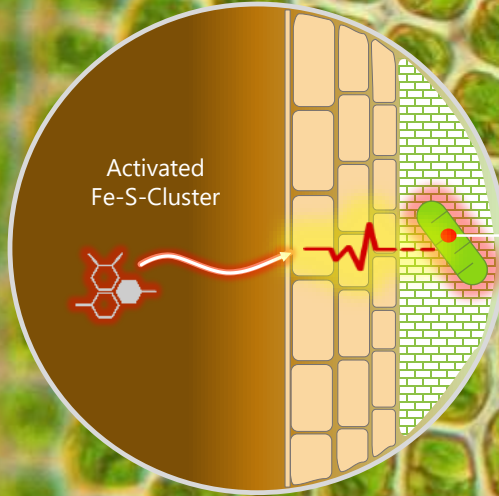
## **FERTIGATION**

Fast effectiveness

1

# UTILIZE YOUR **FULL POTENTIAL**

The raw material is activated in a special process: bio-catalytic stimulation by surface modification. The contained Iron-Sulphur-Clusters are encoded in an electromagnetic field. In the plant cell, the frequency-coded signals are transmitted from the clusters to the plant cell. This electromagnetic stimulation can affect specific phytohormones, proteins, amino acids, immune system and can trigger specific functions.



## **STIMULATION OF PLANT CELL**

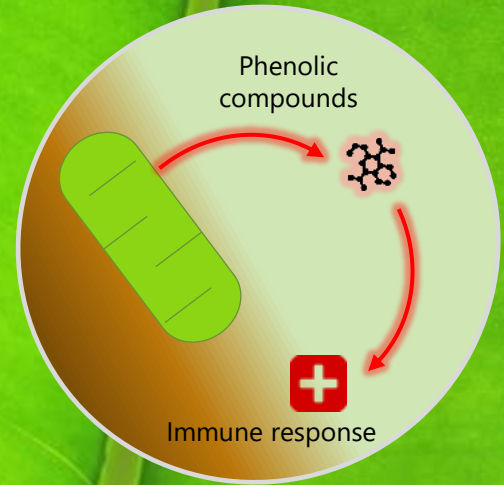
Interaction of electrical signals

2



# INTEGRATED CROP **PROTECTION**

Selective secretion of phenolic compounds and control of peroxidase activity speed up the local response to pathogen attack. This activates the systemic immune system become activated and supports the plant to survive, recover and developing on fast way.

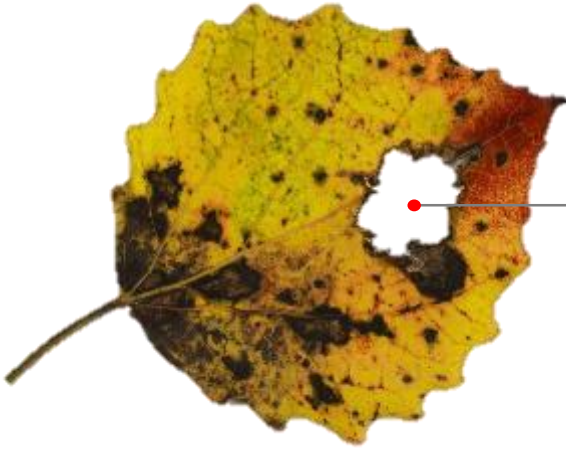


3



# BIOTIC STRESS RESISTANCE

The activated systemic immune system predisposes plants to become more resistant to subsequent pathogen attacks.

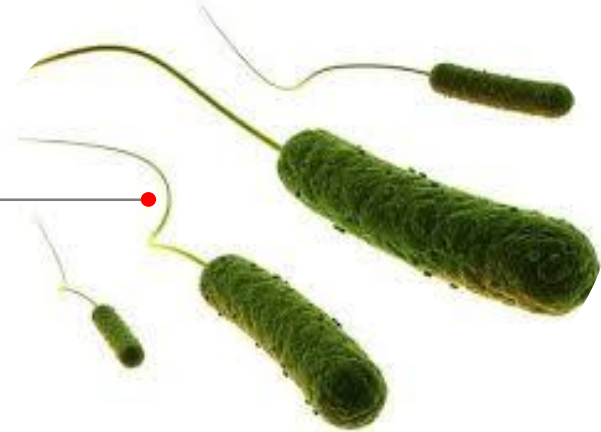


## LEAF PATHOGENS

Resistance against main fungus-based and bacterial diseases and pests

## SOIL PATHOGENS

Resistance to the main soil-borne diseases, e.g. Fusarium, Botrytis, etc.





# ABIOTIC STRESS TOLERANCE

## EXTREME TEMPERATURE

Tolerance towards heat, cold and frost

The activation of specific proteins on cellular level strengthens the tolerance and resistance towards abiotic stress factors. By that the crop plant is able to adopt and balance disorders, thus maximize growth, development and productivity even under unfavourable conditions.

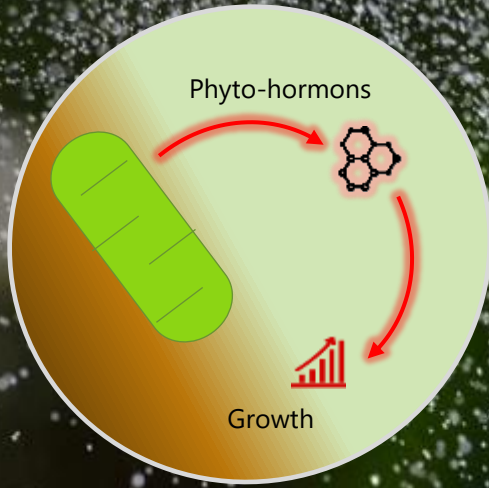
## SOIL TOXICITY

Tolerance towards salinity and heavy metals

## DROUGHT & WATERING

Tolerance towards water deficit and flooding





# 4

## GROWTH CONTROL

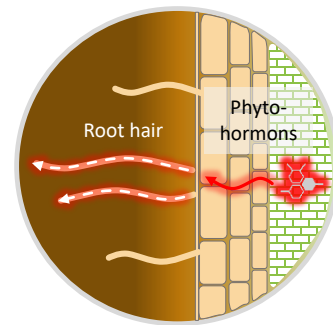
The forced secretion of phyto-hormons such as Gibberellin, Cytokinin, Auxin, Ethylene, etc. can control the vegetative growth of roots and leaves, plant vigor, ripening and development of fruits.

# WITH LARGE ROOTS COMES **FULL ACCESS**

The activation of proteins which contribute to root elongation regulates the asymmetric cell division and cell proliferation in the root meristem. The significantly enlarged root mass can absorb much more water and nutrients and anchors the plant better in the soil.

## ROOT SYSTEM

Development of root mass and root hairs to improve the supply

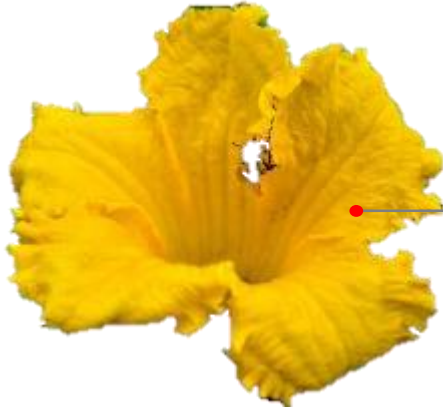
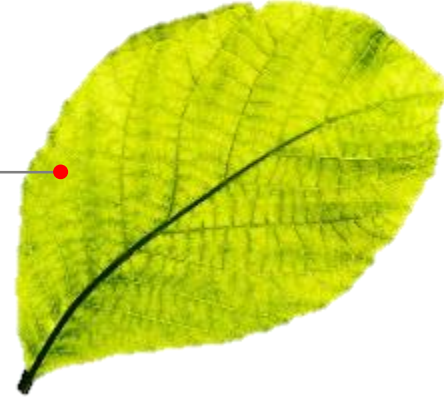




# QUICKER. UPPER. BETTER.

## PHOTOSYNTHESIS

Charge your plant with more power !



## EARLIER RIPENING

Sell your products earlier than your competitors !

# STAND OUT FROM THE CROWD

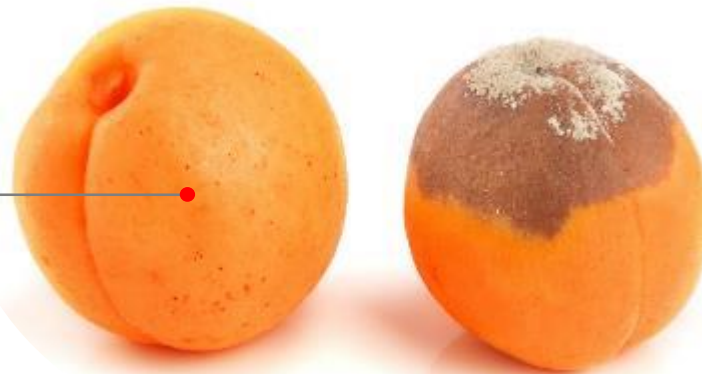


## HARVEST

Increase your yield and revenues !

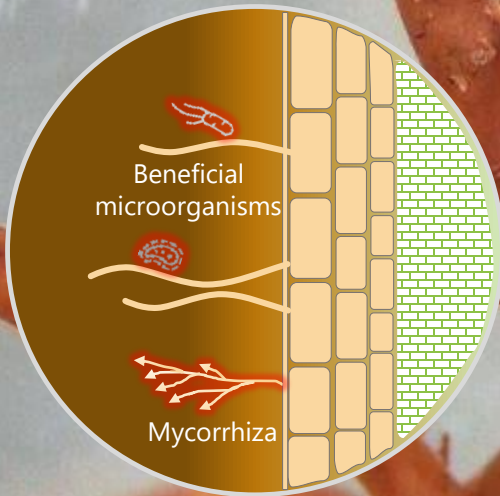
## QUALITY

Beautiful and tasty fruits with long shelf time



## SUPPORT BY **ENHANCED MICROBIOM**

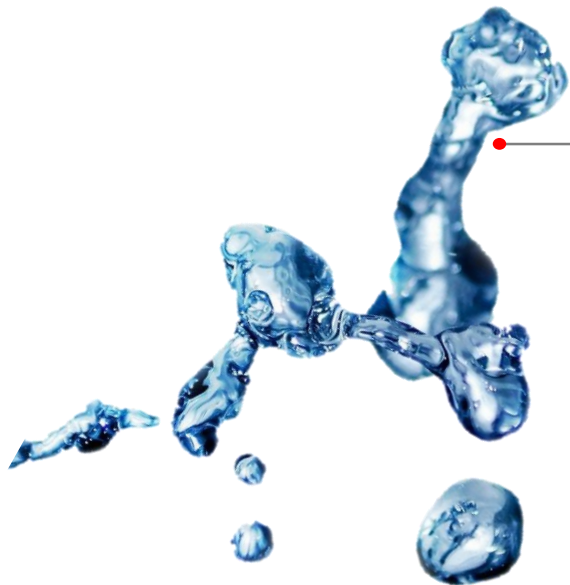
The product contains a blend of selected natural microorganisms and mycorrhiza fungi. Shortly after inoculation they colonize the enlarged root mass for symbiotic interactions. This augmentation results in improved access to essential nutrients and support of biocontrol ability.



5

# DON'T ABDICATE THE **ESSENSTIALS**

Optimized utilization of water and nutrients helps you to save valuable irrigation and expensive fertilizer.

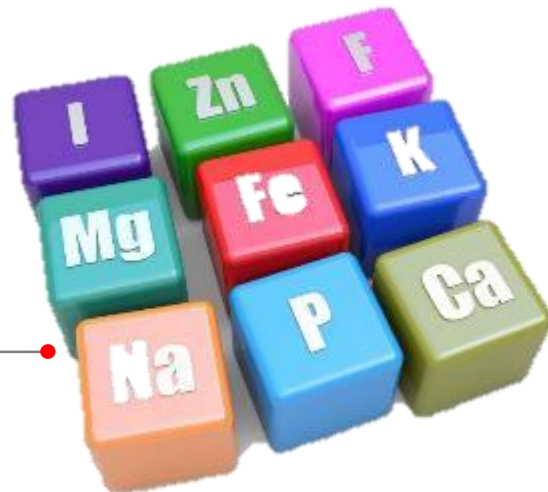


## **WATER**

The most crucial and precious asset

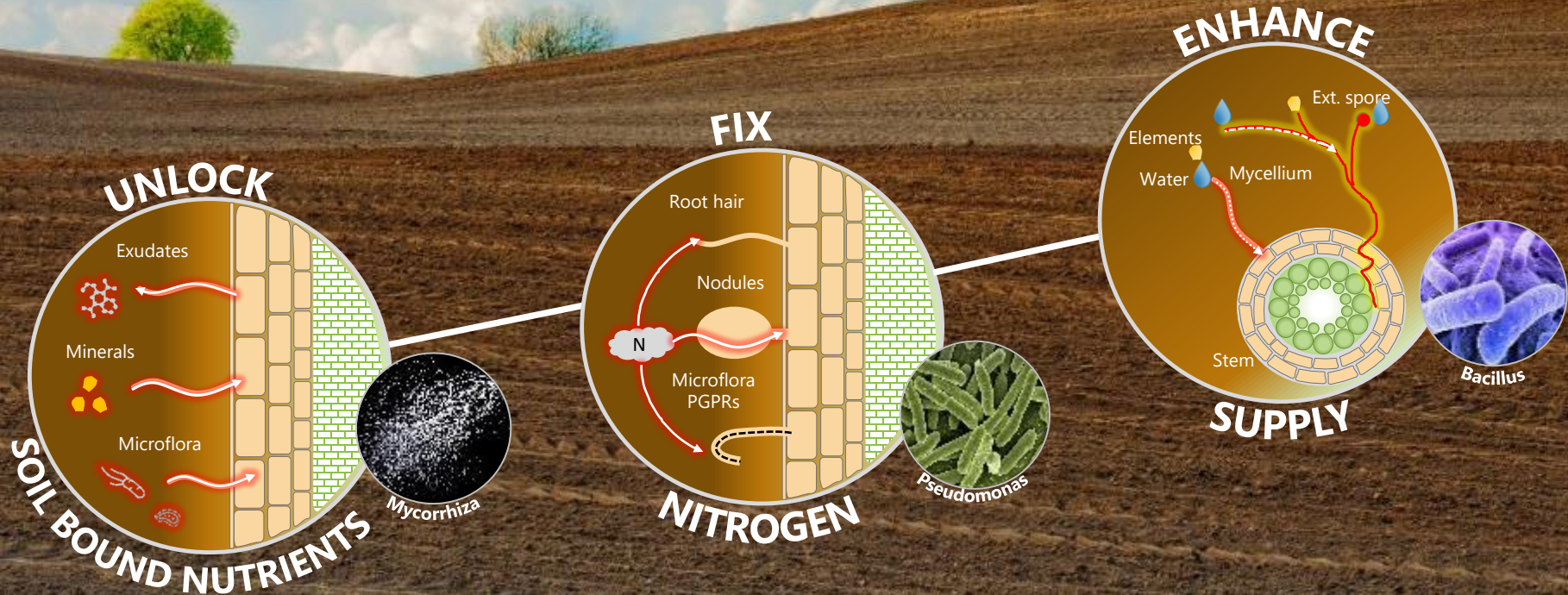
## **NUTRIENTS**

Balance deficiencies

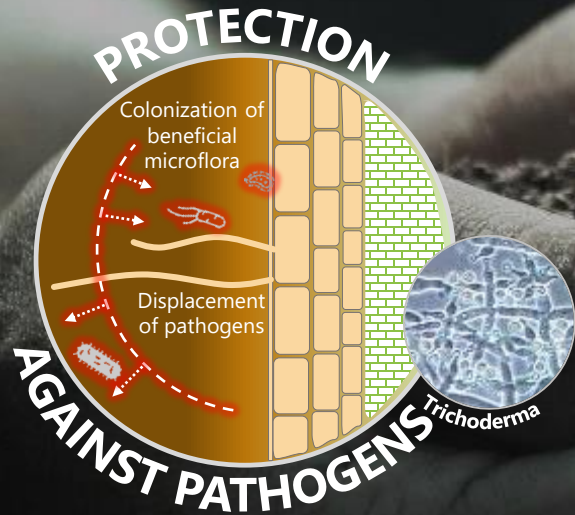




# THE PERFECT NUTRITION



# THE NATURAL CARE





**JUST DO IT**





**1.5**

kg product

**+500**

liter water

**=1**

hectare



fertigation spray

**3-5**

leaf stage

**1-2**

applications per  
growing period



**FARMER APPROVED**



















**GET IN TOUCH WITH US**



# SANBOS GmbH



Geraer Strasse 14  
D-06712 Gutenborn-Drossdorf  
Germany



+49 3441 53987-3



+49 3441 53987-4



info@sanbio.eu

youtube: sanbio sanbos



www.sanbio.eu



# SANBIO

A brand of SANBOS.



Jörg MEYER  
Founder and CEO