

High-quality,  
residue-free tomatoes  
with



**B+H** Solutions GmbH



# About us

**B+H** Solutions GmbH develops and produces innovative products for sustainable agriculture with **nanotechnology**

With our technology we focus on developing ecological products for plant applications

Our products help to save resources with their improved properties

For years, our products are a **revolution in agriculture**



# Vision

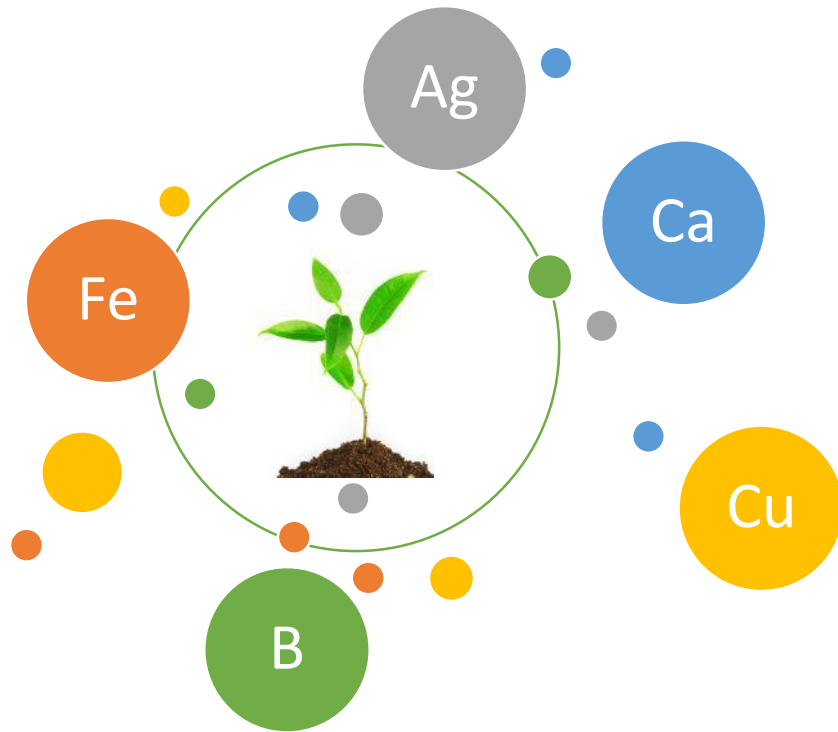
**B+H** Solutions GmbH shall provide smart solutions to the problems faced by the agricultural sector today

The solutions we provide shall demonstrate a great range of innovative **ecology** and bring the maximum level of **economic** success to the farmers

The objective in the long-term should be to reduce as many chemical pesticides as possible in agriculture



# Importance of trace elements



Trace elements are essential for the good development of the plants

Symptoms such as chlorosis, lack of strength and brightness, necrotic spots, susceptibility to infection, etc. are caused by the lack of trace elements

With our technology we have developed products that provide the plants with the necessary amount of trace elements in **the most efficient manner**

# A revolution in agriculture



**AgroArgentum®**

*Unique and ecological solution based on the power of silver*



**AgroFerrum®**

*The best liquid iron fertilizer*



**AgroCyprium®**

*The first fertilizer with elementary copper*



**AgroCalcium®**

*Calcium and magnesium from naturally degraded rock*

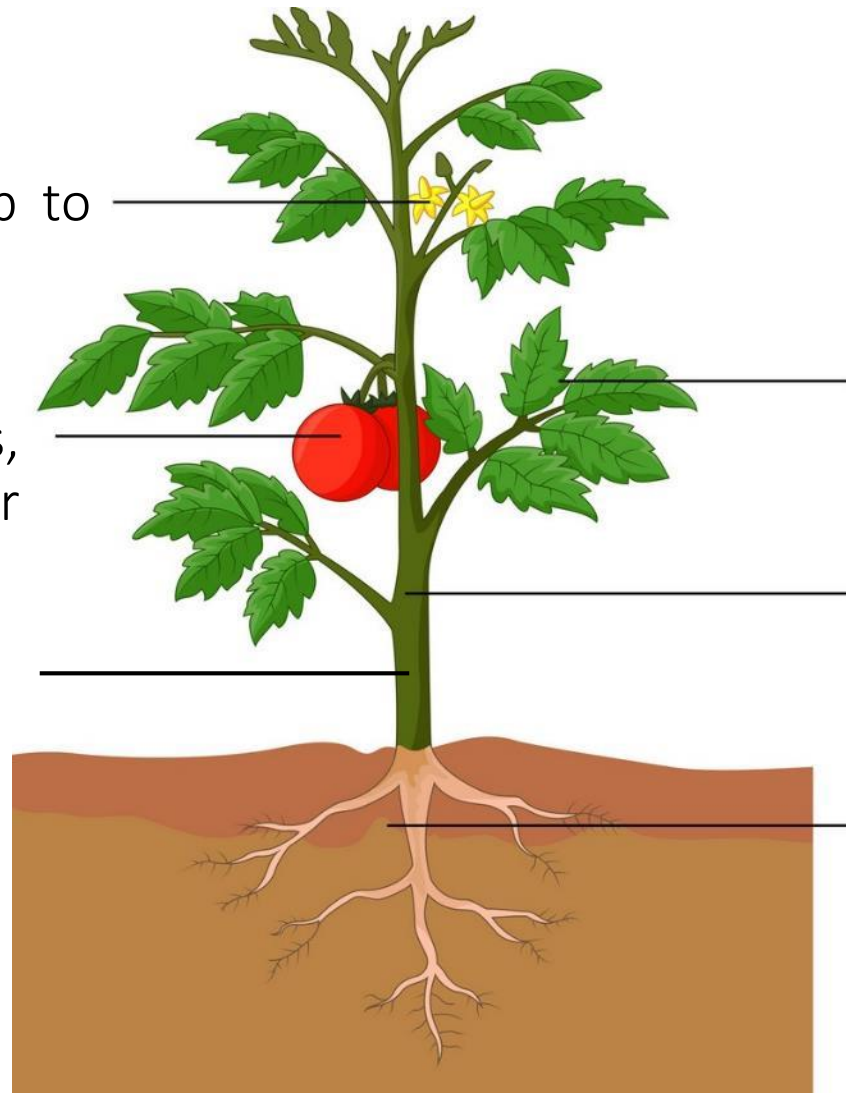
*New technologies in agriculture and friendly to the environment*

# Advantages of our system

**Flower formation promotion:** up to 15% more flowers

**Fruit mass:** more fruits, homogeneous and with better quality. Earlier maturity

**Plant tolerance:** our system promotes the formation of phytoalexins which helps the plant to react quickly under biotic stress. Reduction, even elimination of pesticides possible



**Enhanced photosynthesis:** plant with more energy and more carbohydrate production: more and earlier harvest

**More and shorter internodes:** more flowers and fruits

**Root development stimulation:** maximum development of roots with better quality, length and thickness

# Our experiences



✓ 48 hours after the transplant the plant developed an excellent root system

# Our experiences



✓ Plant could defeat *Clavibacter michiganensis* subsp. *michiganensis* infection

- ✓ Reduction and elimination of pesticides
- ✓ All our products are registered as EC fertilizers under Reg. (EC) 2003/2003
- ✓ None of our products are pesticides
- ✓ None of our products are harmful to insects



# Our experiences



- ✓ Higher productivity, homogeneous volume and earlier maturity in the treated area (right) in comparison with the control (left)

February 2019

Cairo, Egypt

Cairo Green

# Our experiences



2017: 51 kg per m<sup>2</sup>

✓ 2018 (with our system): 62 kg per m<sup>2</sup>

✓ 21.6 % more harvest!

Niederbipp,  
Switzerland  
Gemüse-Bösiger



# Our experiences



✓ 100%  
Residue-free  
tomatoes!

Niederbipp,  
Switzerland

Gemüse-  
Bösiger

# Our experiences



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Niederbipp,  
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Gemüse-  
Bösiger

# Recommendation of application



Program for silver, copper and calcium

Type, time and frequency of application	In relation to	AgroArgentum® Bor	AgroCyprum®	AgroCalcium®
One foliar treatment per month	Per hectare	150 ml	20 ml	-
With every irrigation cycle	Per hectare	Daily: 15 ml or Weekly: 100 ml	Daily: 5 ml or Weekly: 35 ml	Daily: 200 ml or Weekly: 1.5 L

Program for iron

Type, time and frequency of application	In relation to	AgroFerrum®
With separate injection/dosatron or via drench	Per hectare	Weekly: 100 ml

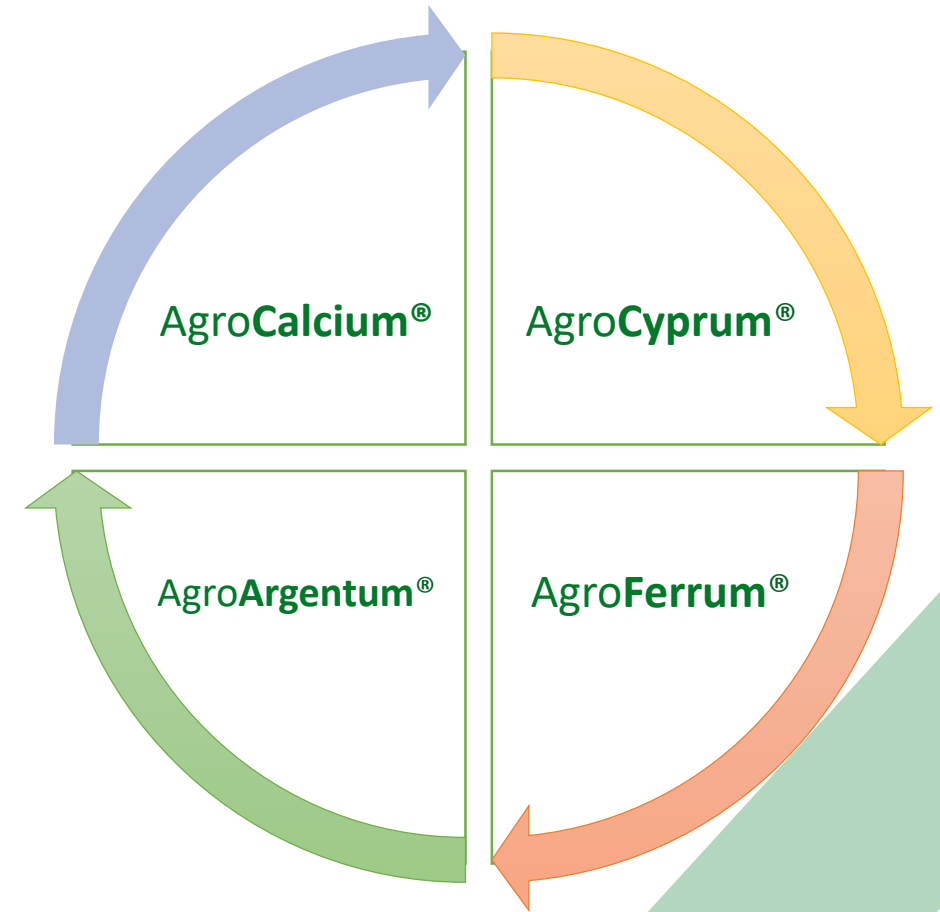


# Synergism

All the products work perfectly together

There is a **synergistic effect** between all trace elements, making the **mixture of colloidal metals** the best option for tomatoes

Our team will be pleased to advise and assist you with specific protocols



# Conclusion

**B+H** Solutions GmbH provides perfect tools for sustainable agriculture

Our solutions not only increase productivity, but are also environmentally friendly

The client feedback we receive year after year worldwide pays testament to the efforts this company has put into ensuring that you achieve your goals

We want to be part of your success!



# Further questions? CONTACT US

## We are delighted to provide more information



Schnaiter Straße 11-13  
D-73630 Remshalden  
[info@bh-solutions.eu](mailto:info@bh-solutions.eu)  
[www.bh-solutions.eu](http://www.bh-solutions.eu)

