

# Orthosilicic Acid (OSA) PLANT BIOSTIMULANT



## **Sili-Fert P**

*Silicon for stronger crops*

Silicium (Silicon) based

## Bio-Fertilizer

with micronutrients

B, Mn, Mo, Cu, Zn

MADE IN BELGIUM

- reducing stress
- optimising growth
- controlled cultivation



biostimulant



[www.liquidsilicium.com](http://www.liquidsilicium.com)

# Sili-Fert P

bio-fertilizer & problem-solver

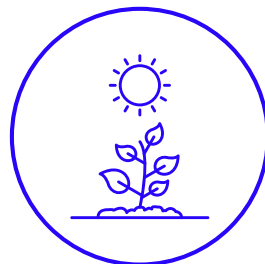
LESS CHANCE OF CRACKED  
CHERRIES AND OTHER FRUIT (\*)



bio-silicification\*



MORE RESISTANCE AGAINST  
DISEASES AND PLAGUES (\*)



MORE RESISTANCE TO  
SUNBURN AND DROUGHT (\*)

# Sili-Fert P

holistic Silicon effect

FIRM LEAVES AND  
BETTER FRUIT SET



[www.liquidsilicium.com](http://www.liquidsilicium.com)



HIGHER CATEGORY  
AND BRIX FACTOR (SUGAR)

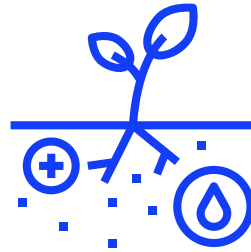


STEMS REMAIN GREEN  
AND LESS SORT INJURY

PHOTOSYNTHESIS



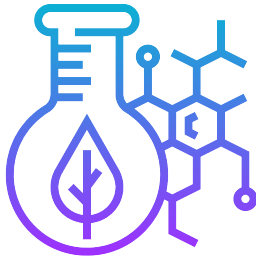
NUTRIENT UPTAKE



Ch-OSA Choline Orthosilicic Acid

[www.liquidsilicium.com](http://www.liquidsilicium.com)

promotes plants main activities...



CHLOROPHYL

BIO-SILICIFICATION

**Sili-Fert P**

*Silicon for stronger crops*



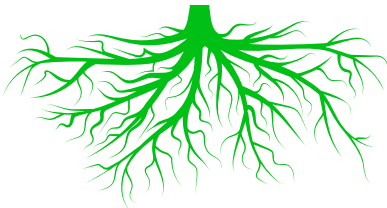
# Sili-Fert P

*biostimulant for plants*

MAXIMUM  
RESISTANCE



[www.liquidsilicium.com](http://www.liquidsilicium.com)



OPTIMAL ROOT  
FORMATION



INCREASED  
GROWTH

# Sili-Fert P

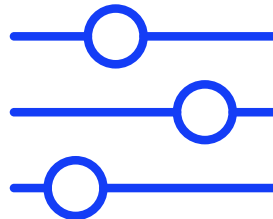
*for multiple effects*

2,6% OSA OrthoSilicic Acid  
with micronutrients

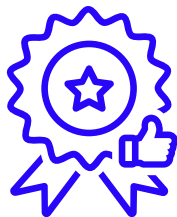
Controlled harvest with  
Sili-Fert P as basic fertilizer



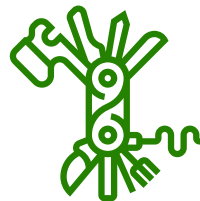
More even fruit size  
and better sorting



B I O S I L I C I F I C A T I O N



Better storage quality  
and longer display life



Multi Purpose effect: protects,  
strengthens and boost...

# Sili-Fert P

*biostimulant for all plants*



## bio-silicification\*

*Sili-Fert P has no direct effect on biotic stress, but can increase the plant's resistance to diseases and insects...*



top fruit, soft fruit,  
pome fruit, rice, maize,  
potatoes, grains,  
flowers, shrubs,  
vegetables, trees...



[www.liquidsilicium.com](http://www.liquidsilicium.com)

S i l i c i u m  
b i o s t i m u l a n t  
f o r a l l k i n d s o f  
P L A N T S

# Sili-Fert P

*Si with micronutrients*



Sili-Fert P is enriched with micronutrients: Boron, Zinc, Manganese, Copper and Molybdenium

## Copper (Cu)



29  
**Cu**  
Copper  
15.5g

A shortage of COPPER causes abnormal growth and a blue-green crop color, twisting of foliage, desiccation of young leaves, growth retardation...

## Zinc (Zn)



30  
**Zn**  
Zinc  
15.5g

A lack of ZINC causes dwarf growth of leaves and fruit, can cause chlorosis and even necrosis... Zn is important for protein production and, among other things, auxins (growth hormones)

## Manganese (Mn)



28  
**Mn**  
Manganese  
15.5g

Too little MANGANESE inhibits photosynthesis (growth retardation), young leaves turn light green with dark brown dots (in contrast to iron deficiency, the leaves remain green). Mn is important for cell division, photosynthesis and for chlorophyll

## Molybdenium (Mo)



22  
**Mo**  
Molybdenum  
15.5g

A typical pink, orange or red edge on the leaves indicates a lack of MOLYBDENE... the oldest ones yellow with dark spots. Mo helps convert nitrogen into protein nitrogens and is found in many plant hormones...

## Borium (B)



5  
**B**  
Borium  
15.5g

Lack of BORIUM is characteristic of leaf and fruit deformity and makes the crop fragile. B helps to strengthen the cell walls and the development of the growing points.

# Sili-Fert P

*Silicon for stronger crops*



## PLANT

### KEY BENEFITS



100% bio-available  
Silicic acid ( $\text{Si}[\text{OH}]_4$ )



Silicium Biostimulant:  
bio plant fertilizer



Si improves your crop  
quality and higher yield



Enriched with  
micronutrients  
B, Cu, Mo, Mn & Zn



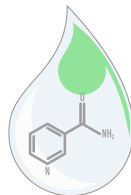
Si for foliar application and  
fertigation (via irrigation)

- 300 cc / 300 L / ha
- dilution: 1/100 - 1/1000



Enhances biotic and  
abiotic stress resistance

For **home growing** and for  
**professional cultivation**



## Professional

Silicon Biostimulant - Fertilizer

# Sili-Fert P

*Silicon for stronger crops*

Ch-OSA Choline stabilized  
Ortho-Silicic Acid

2.6% Si [OH]<sub>4</sub>

Liquid Silicon... activates + regenerates + stimulates + regulates + protects

## OSA Orthosilicic Acid biostimulant

the essential plant fertilizer of the future is today already available

- micronutrients enriched formula for optimal growth
- improves the absorption of minerals and vitamins
- promotes photosynthesis and the cell construction
- enhances stress, water, drought resistance
- consistent maximum crop yield

Silicon Biostimulant for

[www.liquidsilicium.com](http://www.liquidsilicium.com)

# PLANTS

# Sili-Fert P

*Silicon for stronger crops*

2,6% OSA OrthoSilicic Acid  
with micronutrients



100 ml dropper \* 250 en 1000 ml bottle \* 5 - 10 - 20 L can \* 60 L drum \* 600 - 800 - 1000 L IBC

## Sili-Fert P

Plant Bio Fertilizer

## Sili-Fert A

Animal Feed Additive



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www.liquidsilicium.com

Liquid Silicium Plant Biostimulant: 100% bioavailable OrthoSilicic Acid with micronutrients