

Fertilisers and growing media approved product  
Marketing Authorisation Number 1170409

Gaiago supports you in the agroecological transition with innovative solutions for soil and agrosystem revitalisation.

**Releases**  
minerals locked  
in the soil

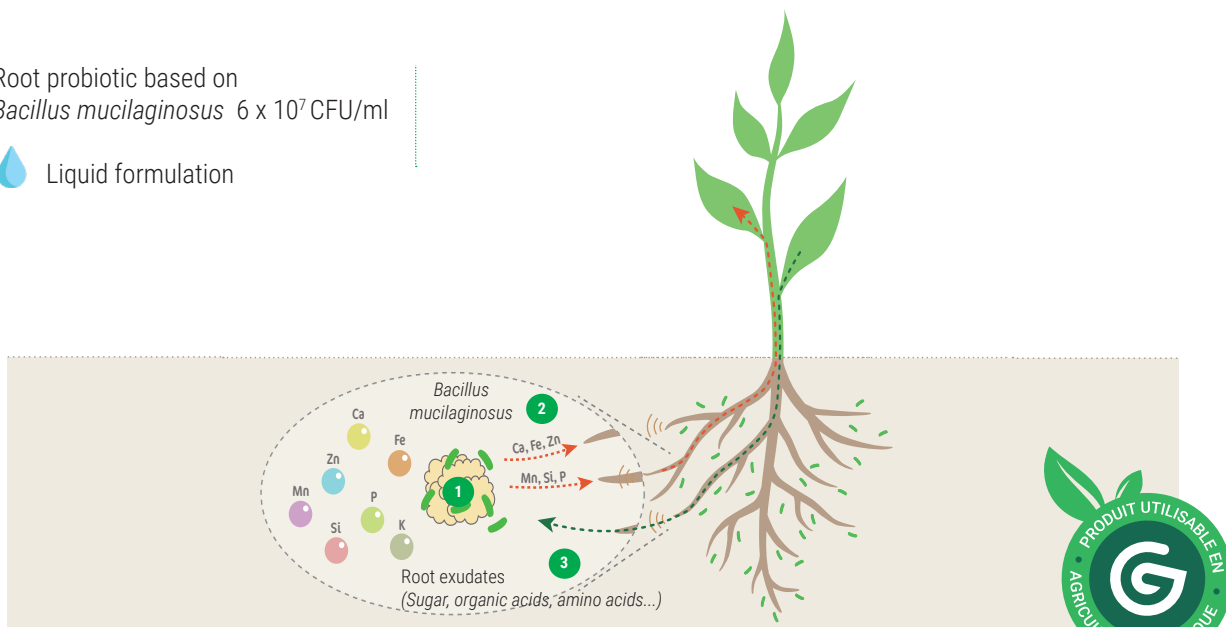
**Provision**  
of nutrients  
for the plant

**Nutrition controlled**  
by the plant  
and not by the climate

MODE OF ACTION

Root probiotic based on *Bacillus mucilaginosus* 6 x 10<sup>7</sup> CFU/ml

 Liquid formulation



- 1 Production of organic acids around minerals by bacteria (D-gluconic, oxalic, citric)
- 2 Solubilisation of nutrients and provision to the plant (P, K, key trace elements)
- 3 Synergy effect of bacteria/roots (root exudates and growth hormones)

BENEFITS

 **BETTER MINERAL NUTRITION**  
Guarantees good rooting and development

 **OPTIMISATION OF QUALITY AND YIELD**  
Proteins, sugar content, organoleptic quality

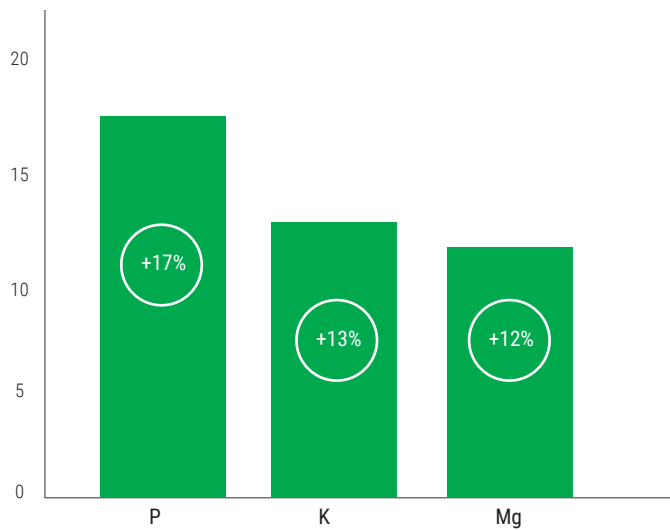
 **ENHANCES FERTILISERS**  
By limiting blockage losses

 **STIMULATES PLANT GROWTH**

# TECHNICAL RESULTS

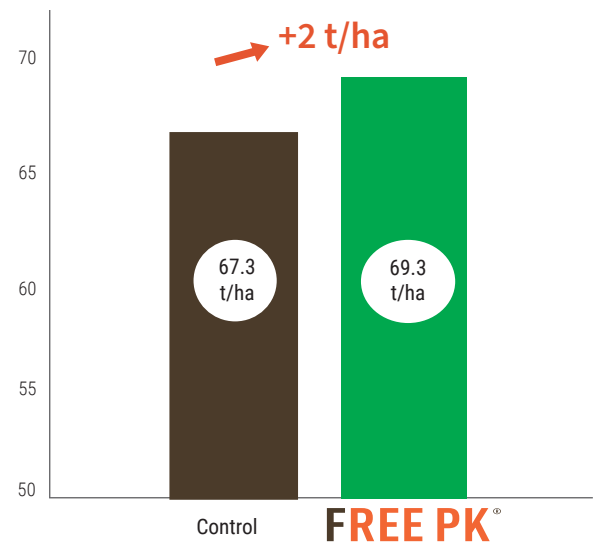
## Potato trial in North of France

2018 - 0.5 l/ha at planting stage in April - calcareous clay/silt soil - pH = 8.2



Difference in absorption FREE PK vs control (%)

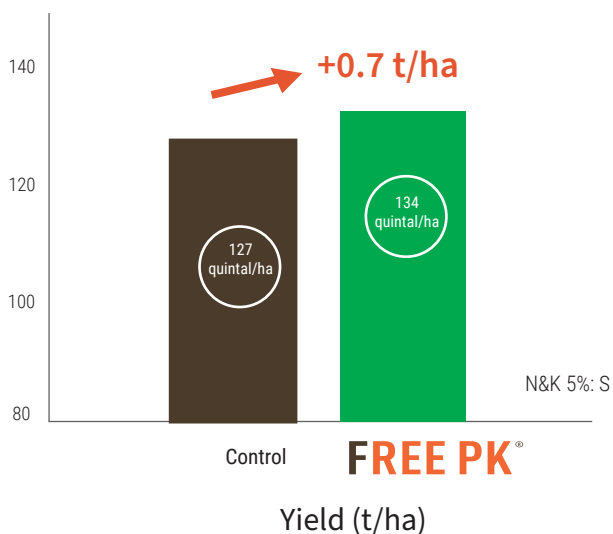
Whole plant - flowering stage



Yield (t/ha)

## Maize trial in Hungary

2019 - 0.5 l/ha on 21 May - clay/silt soil  
DKC 4717 variety

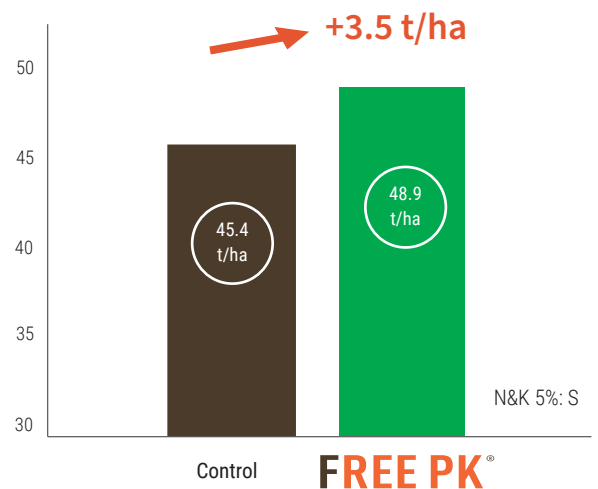


Yield (t/ha)

N&K 5%: S

## Pepper trial in Hungary

2020 - 0.5 l/ha on 19 May - clay/silt soil  
FRIDA F1 variety



Cumulative yield of the 3 harvests (t/ha)

N&K 5%: S

### RECOMMENDATIONS

For use in Organic Agriculture in accordance with EU regulation 2018/848

Aerated soil

Damp soil before/after rain

T°C soil > 8°C

**0.5 l/ha**

All crops and all soil types:

- From emergence
- Up to 50% coverage
- Presence of sulphur

Compatible with certain herbicides

List available from your technician

Do not mix with fungicides and insecticides

- If mixed with chlorinated water, use 1kg sugar/1000L water

Optimum soil and spray pH = 5.5 - 8.2

Optimum application:



In the evening In the morning (before dew)

Shelf time: 9 months at room temperature - Once open, use within 5 days