



# CILUS<sup>®</sup> PLUS

Naturally occurring plant growth  
promoting rhizobacteria

NET WEIGHT  
**200g**

**LALLEMAND**

LALLEMAND PLANT CARE

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## Naturally occurring plant growth promoting rhizobacteria

### COMPOSITION

Wettable powder containing :

- Spores of *Bacillus amyloliquefaciens* IT45 at 95% w/w:  $2 \times 10^{10}$  CFU/g.
- Carrier : Maltodextrin.

### MIXING, APPLICATION & DOSAGE

Must be dissolved in water and may be applied with normal spray equipment or through irrigation water via drip systems.

Apply a dose of 200 g of **CILUS<sup>®</sup> PLUS** per hectare at the beginning of a crop cycle and then monthly thereafter to maintain optimum bacteria population in the soil or growing medium. Apply product in humid conditions at temperatures between 10 °C and 30 °C.

### COMMENTS

This product is for application to soil and growing mediums. Effectiveness is strongly affected by the population being sufficient in relation to other micro-organisms in the rhizosphere. This ratio will decrease with the passage of time and reapplications of spores every 3 to 4 weeks should ideally be made to maintain the best balance.

Any mixing with bactericide products or disinfectant biocides can stop the action of **CILUS<sup>®</sup> PLUS** which could allow pathogens to attack crop roots.

### STORAGE & PACKAGING DISPOSAL

Avoid extreme storage conditions.

Always store at temperatures between 1°C and 30 °C. This product does not require refrigeration. Storage duration 36 months maximum away from moisture in the original hermetically sealed packaging.

After using the contents the packaging must be disposed of in the appropriate manner.

### COMPATIBILITY

**CILUS<sup>®</sup> PLUS** can be used on a wide range of crops under a range of conditions and no phytotoxicity has been observed on crops it has been applied to. Can be mixed with nutrients, minerals and organic fertilizers.

Before mixing with plant protection products consult the Lallemand Technical Team.

**DO NOT MIX WITH BACTERICIDAL PRODUCTS OR BIOCIDAL DISINFECTANTS.**

### CHARACTERISTICS

A concentrated form of naturally occurring bacterial spores that are present in soil which can restore the natural balance, make nutrients more available and colonize the rhizosphere.

### PROPERTIES

- Promoting restoration of biological balance in soils and growing medium.
- Bacteria are very adaptable to different conditions of pH, temperature and humidity in soils or substrates
- Bacteria can tolerate moderate soil concentrations of most fungicides and some copper containing products.

### WARNINGS

The recommendations and information provided are the result of extensive and rigorous testing. During use there may be many factors that are difficult to control (preparation of mixtures, prevailing weather, etc.) therefore guarantee can only be given for the composition, formulation and content of this product.

Any loss of efficacy or damages caused through usage and/or by partial or total disregard of the instructions given are not the responsibility of the manufacturer or distributor.

### SAFETY PRECAUTIONS

Wearing a mask (with a P3 filter), face protection, gloves and appropriate protective clothing is recommended.

- Keep out of reach of children.
- Keep away from food, drink and animal feedstuffs.
- Do not breathe dust.

EUH210: Safety data sheet available on request.

Batch number and production date  
printed on product package.

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LALLEMAND PLANT CARE / DANSTAR FERMENT AG

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Switzerland

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