

Bacillus Laterosporus Biological Fertilizer for Agriculture

Bacillus Laterosporus is a natural bacterial species approved by the Microbiological Testing Center of the Ministry of Agriculture. The spores are oval, lateral, mesophytic or near mesophytic.



Product Overview

Bacillus Laterosporus Biological Fertilizer

Bacillus Laterosporus is a natural, high-performance bacterial species approved by the Ministry of Agriculture. This biological agent acts as a powerful bio-control tool that inhibits pathogenic bacteria while actively promoting root development and nutrient absorption. Designed for sustainable agriculture, it helps reduce heavy metal content in plants and enhances overall soil health by decomposing fertilizer residues.

Biological Properties

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| Bacterial Classification | Gram-positive (capable of changing to negative) |
| Spore Morphology | Oval, Lateral, Mesophytic, Canoe-shaped |

Performance Features

Key Agricultural Benefits

- Inhibits pathogenic bacteria
- Reduces heavy metal content in plants
- Decomposes fertilizer residues
- Improves fertilizer utilization
- Stimulates root development
- Promotes nutrient absorption

Thermal Stability

High Temperature Resistant

Mechanism of Action

Mechanism Principles

- Secretes high levels of chitinase to prevent disease
- Secretes extracellular enzymes
- Solidifies heavy metals in soil