

Agricultural Organic Matter Decomposition Inoculant

This organic matter-decomposing inoculant accelerates the fermentation of organic materials and effectively transforms nutrient components. It contains beneficial microbial flora such as bacillus and mould, increasing the nutritional value of fertilizers.



Product Overview

Advanced Organic Matter Decomposition Inoculant

This bio-engineered inoculant utilizes a potent consortium of beneficial microbial flora, including bacillus and mould, to accelerate the fermentation and decomposition of organic materials. It transforms raw waste into nutrient-rich fertilizer within approximately 15 days, effectively promoting mineralization and humification. The process enhances soil health, stimulates crop growth, and improves nutrient absorption, making it a safe and sustainable solution for modern agriculture.

Key Benefits

Core Advantages

- Rapid decomposition (approx. 15 days)
- Effective deodorization and dehydration
- Promotes nitrogen fixation, phosphorus, and potassium resolution
- Stimulates crop growth and disease resistance
- Improves soil structure and fertilizer utilization

Application Range

Suitable Organic Materials

Livestock feces, Poultry feces, Crop straw, Meal, Bran shell, Urban organic waste, Sucrose mud, Pomace, Tea residue, Mushroom residue, Distiller's grains, Furfural residue

Technical Metrics

Performance Metrics

15 days

Decomposition Time

15 °C

Minimum Operating Temp

Safety & Usage

Safety Profile

Non-toxic • Harmless • Non-polluting