

Organic Fertilizer Enhances Functional Bacteria

Cat. No. OFEG-001

Lot. No. (See product label)

Introduction

Description

Organic Fertilizer Enhances Functional Bacteria is a microbial agent containing multiple high-concentration, high-activity, non-pathogenic beneficial microorganisms that establish symbiotic relationships with plants, stimulate root branching, and increase the root absorption area.

Applications

Direct application to plants during the seedling stage or at the transplanting stage of young seedlings. Suitable for farmland, vegetable plots, vegetables, forage crops, flowers, trees, and other plants.

Product Information

Appearance

Powder: black or light brown Liquid: light brown

Form

Powder or liquid

Concentration

20 billion CFU/g

pH Stability

Product pH: 6.5-8.0

Composition

Multiple high-concentration, high-activity, non-pathogenic beneficial microorganisms, including beneficial fungi and free-living strains.

Function

Forms symbiotic relationships with plant roots and supports nutrient uptake, root system expansion, nitrogen fixation, phosphorus solubilization, potassium mobilization, and decomposition of complex soil substances into plant-available phosphorus and potassium.

Quality

Bacterial count: 20 billion CFU/g

Notes

Odor: Slight fermentation odor pH: 6.5-8.0

Advantages

Cost-effective Effective supplement to chemical fertilizers Derived from biological decomposition of organic waste and free from harmful chemical substances Reduces the use and cost of chemical fertilizers, especially nitrogen and phosphorus Increases crop yield Replaces a portion of chemical nitrogen and phosphorus Promotes plant growth by stimulating root system expansion Activates soil through nitrogen fixation and symbiotic action Produces organic matter that supports restoration of natural soil fertility Improves soil structure, texture, aeration, and water-retention capacity Supports phosphorus absorption, salt tolerance, drought resistance, water balance, and plant growth Supports resistance to high soil temperature, pathogen infection, and heavy metal toxicity Naturally releases nitrogen, phosphorus, and potassium

Usage

Apply directly to plants during the seedling stage or at the transplanting stage of young seedlings. Mix directly at a ratio of 1:4000. May be used as an applied fertilizer for farmland or vegetable plots.

Usage and Packaging

Package

Powder: 1 kg or 2 kg per aluminum foil bag; 25 kg per waterproof kraft paper bag

Package

Powder: 1 kg or 2 kg per aluminum foil bag, 25 kg per waterproof kraft paper bag
Liquid: 25 kg, 200 kg, or 1000 kg per drum