Creative Enzymes®

Bacillus Pumilus (feed grade)

Cat. No. PRBF-019

Lot. No. (See product label)

Introduction

Description Bacillus pumilus is a Gram-positive, partially aerobic bacillus known for its efficient metabolism and broad ecological adaptability. As a functional microorganism, Bacillus pumilus is widely used in feed additives and agriculture, and is noted for its excellent enzyme secretion, environmental remediation potential, and promotion of plant and animal health.

Applications 1. Daily ration, Premix feed add, Runimant, Poultry, Aquaculture, and Pet food add, etc. 2. The production of biological organic fertilizer, fermentation organic fertilizer.

Product Information

Appearance Light yellow to taupe powder

Function Application Effects of Feed Grade Bacillus Pumilus 1. Biological Oxygen Capture Bacillus pumilus promotes the growth and reproduction of beneficial anaerobic microorganisms, supporting intestinal ecological balance and overall gut health in animals. 2. Immune Function Enhancement Feed-grade Bacillus pumilus strengthens the immune system, improving animals' disease resistance and resilience. 3. Digestive Support High-concentration Bacillus pumilus produces a variety of exogenous digestive enzymes, such as xylanase and cellulase, which aid in breaking down complex feed components. It also promotes intestinal development and boosts the activity of endogenous digestive enzymes, improving nutrient absorption. Application Effects in Agriculture 1. Soil Nutrient Enrichment Agricultural-grade Bacillus pumilus accelerates the decomposition of plant straw, increasing the availability of nitrogen, phosphorus, and other essential nutrients in the soil, thereby enhancing soil fertility. 2. Plant Growth Promotion It stimulates seed germination and supports the growth of roots, buds, and seedlings in crops such as tobacco, soybean, and pepper, leading to healthier and more vigorous plants. 3. Disease Resistance and Yield Improvement Bacillus pumilus enhances plants' resistance to bacterial, fungal, and viral diseases, reducing disease incidence. This contributes to higher crop yields and improved economic returns for farmers.

Usage and Packaging

Package 25kg/bag, Ton bag

Storage and Shipping Information

Storage Store in a ventilated, cool, dry place for up to 12 months.