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Data

DYNA-ZYME - Microbial Waste Water Treatment

For use in: Lagoons, Treatment Plants, Sewer Lines, Lift Stations & Septic Systems.

A Concentrated blend of selected aerobic and anaerobic microbe strains.

Over 450 Billion CFU's (colony forming units) per gram.

High enzyme production

Lipase - breaks down fat and grease

Protease- breaks down proteins

Amylase- breaks down carbohydrates and starches

Cellulase- breaks down cellulose

Aerobic and & facultative anaerobic

PH range 5.0 - 9.8

Temp range 3c - 63c

Bacterial Strains include:

Bacillus subtilis (2 strains)

Bacillus licheniformis

Pseudomonas Aeregenosa

Pseudomonas Fluorescens

Bacillus polymyxa

When added to system; bacteria count multiplies exponentially. Under ideal conditions - pH, temp, food source - a new generation of CFU's will form ever 20-30 min and will multiply logarithmically.

Benefits

Enhances microbial count in system.

Can reduce BOD up to 80%.

Eliminates years of accumulated sludge.

Stops odors and backup of waste.

Digests grease, paper and solids.

Neutralizes toxic elements. Corrects PH levels.

Available in bulk powder or in water soluble bags.

Reference List available.