

# Roebic Agriculture

## ROETECH 106

Roetech 106 is a highly concentrated spore mixture of six patented Bacillus bacteria. Each strain produces multiple enzymes resulting in an extremely powerful biological treatment product.

This blend is designed for use in wastewater treatment systems including municipal sewage plants, food processing wastewater and **livestock manure ponds and lagoons**, or areas where large volumes of waste require treatment.

Application rates will vary considerably depending on the application and system design. Technical assistance is recommended and available to ensure utilization of the bacteria for maximum benefit at the greatest economy.

### PRODUCT SPECIFICATIONS

#### 106 (Powder)

Bacteria Count	CFU/gram
A. 1 billion.....	10 <sup>9</sup>
B. 10 billion.....	10 <sup>10</sup>
C. 100 billion.....	10 <sup>11</sup>

#### Enzymes Produced

Protease	Urease
Lipase	Cellulase
Amylase	Nitrate Reductase

pH range.....	6 - 10
temperature range.....	5°C - 55°C
oxygen requirements.....	aerobic
faculative anaerobe	

#### 106 (Liquid)

Bacteria Count	CFU/ml
A. 1 billion.....	10 <sup>9</sup>
B. 10 billion.....	10 <sup>10</sup>

#### Enzymes Produced

Protease	Urease
Lipase	Cellulase
Amylase	Nitrate Reductase

pH range.....	6 - 10
temperature range.....	5°C - 55°C
oxygen requirements.....	aerobic
faculative anaerobe	

**PATENT Nos.** 6,083,737; 6,140,106; 6,162,635;  
6,171,847; 6,171,848; 6,174,718

#### Features:

- highly concentrated
- 6 Bacillus strains
- excellent enzyme production

#### Benefits:

- economical
- versatile
- liquefies solids and reduces odors

Excellent for dairy and feedlot manure systems.



**ROEBIC**<sup>®</sup>  
LABORATORIES

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