



## Key Features

- Six (6) strain Bacillus blend providing optimal activity and enzyme production across a broad range of environmental conditions.
- Bacterial strains were selected for their ability to produce extra cellular enzymes under both aerobic and anaerobic conditions.
- Bacterial strains contain micronutrients and biostimulants to increase biological activity.
- Effective growth across broad pH and temperature ranges.
- Simple to use
- All-natural

## Key Benefits

- Reduced organic solids
- Reduced hydrogen sulfide (H<sub>2</sub>S)
- Reduced odors
- Improved fertilizer value
- Reduced crust on surface
- Uniform liquid slurry during application
- Reduces Midge flies

## Applications

Livestock PRO Treatment is a biological treatment product that utilizes powerful solids digesting activity of bacteria to rapidly break down solids. It contains specific facultative bacteria along with micronutrients and biostimulants selected for their ability to grow and reduce solids, hydrogen sulfide (H<sub>2</sub>S), crust, odors, and flies in stored waste.

*For colder temperatures, we offer **Livestock Pro CT**, with specific facultative bacteria chosen for their ability to grow at low temperatures. It features a five (5) strain Bacillus blend specialized for low temperatures.*



## PRODUCT SPECIFICATIONS:

### APPLICATION GUIDELINES:

#### Initial treatment:

1. Calculate the volume of manure: length x width x depth = cubic feet. Multiply the number of cubic feet by 7.5 to determine the liquid volume of the manure storage in gallons.
2. Use the table below to determine the correct amount of product to add.

#### Maintenance treatment:

Add the maintenance dose on a monthly basis after the initial treatment. See table below to determine monthly dose.

#### Directions:

1. See table below to determine the correct amount of product to add.
2. Mix the recommended amount of product into 5 gallons of warm water. Allow to hydrate for 1-4 hours prior to dosing to dissolve and activate the bacteria.
3. Add the solution directly into the receiving pit, lagoon and/or storage system.
4. Distribute solution as thoroughly as possible.
  - a. If crusted, break several holes around the edge and add the solution through the crust into the liquid manure.

#### LIVESTOCK PRO - SWINE APPLICATION

Application	Schedule	Addition Rate (US)
Initial Application	1st month	2.2 lbs. / 50,000 gallons
Maintenance Application	Once a month	2.2 lbs. / 1,000 head (for Livestock PRO CT, 500 head)

#### LIVESTOCK PRO - CATTLE APPLICATION

Application	Schedule	Addition Rate (US)
Initial Application	1st month	5 lbs. / 100,000 gallons
Maintenance Application	Once a month	3 lbs. / 100 head



### Storage & Handling

#### Dry and Cool (36-77°F/2-25°C)

- Note: Keep container closed tightly when not in use.
- Shelf Life: Two years when stored as recommended.

### Microbiological Specifications

- Total count available: 4 Billion CFU/g of active Bacillus
- Coliforms < 10 CFU/g
- Salmonella negative/25 g

### Physical Properties

- Color: Tan
- Form: Powder
- Packaging: Dried powder on bran carrier

### Carrier

Bran in water soluble packet

### Packaging

Water soluble package or a 50 lb. pail

### Concentration

- 4 Billion CFU/g
- 5 Billion CFU/g