

the 1st and Only! Manure Management Program

As manure is stored, pumped to lagoons, and sits over time, the natural decomposition results in the production of a large number of odorous chemicals, including ammonia and hydrogen sulfide. The **Roebic** program alters the microbial processes of decomposition, resulting in less initial odor production and then neutralizes remaining odors by enzymatic action. The results are odors that are reduced stepwise throughout the storage processes, instead of increasing over time.

- 1) The first step of our program uses the **Roebic Bacterial Manure Liquefier** to seed the manure with live bacteria, which begins the digestion and odor control process. **RML** is applied to pits, lagoons or slotted floor barns.
- 2) The second step is to apply **Roebic Manure Deodorizer** to augment and enrich the bacterial population and to reduce ammonia and hydrogen sulfide. **RMD** does this by enzymatic conversion of odorous chemicals, while the yucca component stimulates bacteria growth and neutralizes sulfides.
- 3) The third step of the program uses **Roebic Odor Eliminator**, a concentrated enzyme product, which biochemically converts odorous chemicals to other, non-odorous forms. This occurs very rapidly and results in significantly reduced slurry odors at the time of application to fields.

Call Today for more information!

ROEBIC *Laboratories, inc.*

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Here

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the NATURAL SOLUTION

ROEBIC®

BACTERIAL Manure Liquefier



Roebic Laboratories has developed and manufactures the first and only comprehensive Manure Management Program. It provides a safe, effective and economical three pronged attack on the problems of treatment and storage of livestock manure. This complete program employs three natural products to ensure proper liquefaction and odor control from the time the manure is produced, through the storage and handling, including the final step when the slurry is applied to the fields.

Roebic Manure Liquefier is intended for use in hog, dairy and beef cattle operations including barns, confinement areas and feedlots. Specific applications can include manure pits, slotted floor areas and any piping, drains, traps, pumps or equipment associated with handling, moving or storing livestock manure.

Roebic Manure Liquefier is a mixture of anaerobic, aerobic and facultative bacteria that digest manure solids to maintain a liquid condition in manure pits. This biodegradable product can be used in open pits, lagoons, barns or confinement areas.

- Lessens odors by reducing ammonia and hydrogen sulfide gas formation
- Retains the nutrient value of your pit

Roebic Manure Liquefier contains laboratory controlled nonpathogenic bacteria. It is guaranteed to be Salmonella free and is approved by USDA for use in federally inspected meat and poultry plants.

Available in 1 and 5 gallon sizes

CONCENTRATED Manure Deodorizer



Roebic Manure Deodorizer is a concentrated liquid for reducing and controlling odors in animal waste handling systems.

Use as little as 2 to 3 ounces diluted in a gallon of water to treat 100 cubic feet of manure in a pit.

To start action in pits and lagoons, use with Manure Liquefier.

When used on a monthly basis, this economical formulation will maintain the reduction in odor levels.

Animal bedding can be treated with 8 to 16 ounces of product, diluted in 2 gallons of water and sprayed over 1000 square feet.

- Reduces manure odors, ammonia, sulfides
- Improves liquefaction and pumping
- Reduces solids build-up
- Retains nutrient values
- 100% safe; non-toxic
- Biodegradable

Roebic Manure Deodorizer contains a blend of natural enzymes and yucca plant extracts.

Available in 1 and 5 gallon sizes

CONCENTRATED Odor Eliminator



Roebic Odor Eliminator is a concentrated natural product for the treatment of organic odors associated with live stock manure.

Tested and proven safe and effective to degrade and eliminate odors in: live stock breeding houses, animal barns, feedlots, lagoons, pits, slotted floor applications and manure slurry spreading.

Concentrate can be diluted 1:100 to 1:500 for effective odor control when sprayed as a mist directly on odor source.

Two to four ounces added to 200 - 500 gallons of slurry at time of application to field will rapidly reduce odors.

- Reduces manure odors, ammonia, sulfides
- 100% safe; non-toxic
- Biodegradable
- Not a perfume or masking agent
- Fast, enzyme action reduces odors quickly

Roebic Odor Eliminator contains only natural enzymes and surfactants.

Available in 1 and 5 gallon sizes