

MONTY'S SLUDGE RELIEF PROGRAM

IDEAL FOR WASTE LAGOONS, DAIRY, & FOOD PROCESSING

TARGET ORGANIC WASTE WITH SLUDGE RELIEF!

Sludge Relief is specifically formulated to help treat and maintain superior performance in waste lagoons, dairy, or food processing facilities. Sludge Relief is capable of performing in a broad range of conditions, including anaerobic or aerobic situations and maintains a broad range of degradation capabilities to keep up with modern animal-agriculture needs. Sludge Relief contains beneficial, natural bacterial strains which produce key enzymes to target and consume organic waste.

- ✓ Consumes sludge and breaks down solids
- ✓ Controls odors
- ✓ Effective at 38° - 145° and in pH 5.0-5.9
- ✓ Reduces need for pumping
- ✓ Helps reduce BOD levels
- ✓ 1 trillion cfu formula



**TARGET PROBLEMS TODAY WITH
MONTY'S PROVEN SOLUTIONS**

"We are seeing taller, greener, healthier corn crops thanks to the higher concentration of available nutrients. It broke down the manure, the sludge, and even the foaming ... the manure seems to be way more available to the crops right away. And even when we spread between 200,000 and 300,000 gallons of manure in 90-degree heat, we haven't gotten one complaint."



MIKE HEIMBACH, Dairy Farmer



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MONTY'S SLUDGE RELIEF PROGRAM

PROGRAM APPLICATION: 10 gallons of both Sludge Relief and Monty's Liquid Carbon per 1,000,000 cubic feet as an initial treatment. For maintenance treatments, Monty's recommends 5 gallons of each. Calculations may be required to determine application rates of both products based on volume and size. Please refer to the product labels or consult your representative for your specific application rates.

-  **Sludge Relief** - Sludge Relief contains beneficial, natural bacterial strains which produce key enzymes to target and consume organic waste.
-  **Monty's Liquid Carbon (MLC)** - Contains Monty's proprietary activated humic technology. It is a soil conditioner designed to reduce soil compaction and improve overall soil health. MLC provides a catalyst for release and conversion of soil nutrients.

Recommended Application and Feed Rates

Application	Step #1	Step #2	Step #3	Step #4
Initial lagoon inoculation for the reduction of sludge and solids which may be present in the system.	Determine the System Gallons for your lagoon. See Useful Conversions below.	Determine degree of solid build up in your system based on preference or requirements.	Apply 5 to 15 ppm of Sludge Relief to lagoon.	If possible, agitation of lagoon with auger is suggested, but not required.
Secondary applications to further reduce sludge and solid build up which may be present in the system. See Additional Comments	Determine the System Gallons for your lagoon. See Useful Conversions below.	Determine degree of solid build up in your system based on preference or requirements.	Apply 3 to 5 ppm of Sludge Relief to lagoon.	Repeat weekly for 4 weeks.
Maintenance applications for the continued reduction of sludge and solids which may be introduced into the lagoon system.	Determine the System Gallons for your lagoon. See Useful Conversions below.	N/A	Apply 1 to 2 ppm of Sludge Relief to lagoon.	Repeat weekly or biweekly based on desired results as needed.

Additional Comments

(1) The secondary application may be your initial application if sludge and solid build up is minimal to moderate to start. (2) Dosing Guidelines are recommendations only. Higher dosage rates may be required based on organic loading and for initial inoculations. Consult your sales representative for more information. (3) Sludge Relief may also be used for sewer line maintenance, sewage treatment plants, lift stations and grease traps. (4) Product can be evenly distributed around edges of lagoon, from product container or 5 gallon bucket.

Useful Conversions for System Gallons

- L (ft) X W (ft) X Depth (ft) = Total Cubic Feet (ft³)
- 1 Cubic Foot (ft³) = 7.48 gallons
- Total Cubic Feet (ft³) X 7.48 = System Gallons

OR

- Surface acreage (acres) X Depth (ft) = Total Acre Feet
- 1 Acre Foot = 325,851 gallons.
- Total Acre Feet X 325,851 = System Gallons

Dosing Chart

System Gallons	1 ppm	5 ppm	10 ppm	15 ppm
2,000,000	2 gal	10 gal	20 gal	30 gal
1,000,000	1 gal	5 gal	10 gal	15 gal
750,000	¾ gal	3.75 gal	7.5 gal	10 gal
500,000	½ gal	2.5 gal	5 gal	7.5 gal
250,000	1 qt	1.25 gal	2.5 gal	3.75 gal

"Odor management was a tremendous advantage, providing a bigger window to spread and handle."

MIKE HEIMBACH,
Dairy Farmer

COST OF MONTY'S SLUDGE RELIEF PROGRAM

COST OF SLUDGE RELIEF PROGRAM†:

Initial Application Total Cost: \$753.60 (Sludge Relief: \$55.00/gal @ 10 gal; MLC: \$20.36/gal @ 10 gal)

Maintenance Application Total Cost: \$376.80 (Sludge Relief: \$55.00/gal @ 5 gal; MLC: \$20.36/gal @ 5 gal)

Cost is per application, based on 10 gal/1,000,000 cubic feet for initial application & 5 gal/1,000,000 cubic feet for maintenance application

Sludge Relief available in 5 and 275 gallons. Monty's Liquid Carbon available in 2.5, 30, and 275 gallons. Please check with your dealer for availability and application rates or visit www.montysplantfood.com.

Monty's Programs' product and application rate recommendations are intended to serve as a base to achieve your goals. Additional products, product substitutions, and/or adjustments to application rates may be necessary based on volume or size. Consult your Monty's representative for guidance.

For more information, contact your Monty's representative, visit montysplantfood.com, or call 800.978.6342

† Prices are subject to change contingent on the market. Please consult your Monty's representative for current pricing.



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