



Manure Master™ Mechanical Defoamer

A fast-acting mechanical defoamer to control manure foam at pump-out

Manure Master Mechanical Defoamer is an extremely effective and fast-acting liquid manure mechanical defoamer during pump-out. Apply at pump-out to knock down mechanical foam. By using **Manure Master Mechanical Defoamer**, full pump-out or manure tanker capacity can be achieved.

~All Natural Plant-based Oils~

Manure Master Mechanical Defoamer Benefits:

- An environmentally acceptable alternative to diesel fuel as a defoamer
- Up to an ROI of 5.7 to 1 from reduced mechanical foaming
- Improves load capacity (**up to 33%**) and hauling efficiency
- Time and fuel savings with less stress
- Reduced labor and equipment cost

INGREDIENTS:

A mix of natural plant-based oils.

DIRECTIONS FOR USE:

For Mechanical Foaming: Add one gallon of **Manure Master Mechanical Defoamer** per 100,000 to 300,000 gallons of manure and agitate. Dosage rates may vary depending on the makeup of the manure foam. Can also be mixed into manure tankers.

HANDLING & STORAGE:

Store in a cool, dry space between 50-80 degrees F. Keep out of direct sunlight and do not store with strong oxidizing agents. Keep out of reach of children.

Note: For swine methane pit foam, use biological **Manure Master FoamAway**.

WARNING: Disturbing hog pits and/or pit foam can result in the release of **FLAMMABLE GASES**. Before application of this product, please ensure proper ventilation to prevent the accumulation of flammable gases and extinguish all potential ignition sources, including heaters, electrical, do not smoke, etc. Failure to follow these instructions may result in a fire or explosion. Fire or explosions can lead to property damage, personal injury or loss of life.

Before with 9" Foam



After using Manure Master Defoamer

Test video photos.

Full video available at manuremaster.com

This is a summary of the **Manure Master Mechanical Defoamer** product on a large scale dairy operation (1,150 cows) at pump-out. Mechanical foam is created in the manure at agitation and pump-out.

Operational Cost of Manure Foam This is a scenario of semi tankers hauling to a Froc tank with a drag-line applicator operating in the field.

- 250 semi loads per day
- 5,000 gallons per load
- 1,250,000 gallons per day
 - 25% foam reduction
 - 312,000 gallons ÷ 5,000 per load = **62.5 loads lost per day**
- Hauling cost at \$125.00 per hour
 - 4 air-filled loads per hour
 - **15.6 hours lost per day @ \$125.00 per hour = \$2,000.00 lost per day**
- Other cost associated with manure foaming to this dairy = \$1,000.00+ per day
- **Total loss per day = approx. \$3,000.00**

Up to a 33% Increase in Manure Hauling Capacity

Solution to Mechanical Manure Foaming

- \$3,000.00 loss per day
- Manure Master Mechanical Defoamer
 - \$42.00 per gallon
 - 1 gallon per 100,000 gallons
- \$42.00 x 12.5 (100,000 gallons) = \$525.00
- Return on Investment = 5.7



More from Every Acre, Animal & Gallon of Manure

Manure Treatment Testimonials

“ I applied **Manure Master™ Mechanical Defoamer** to my swine pit in the Spring of 2019, and it met my expectations. I was able to haul an additional 1,000 gallons in my 6,000 gallon manure application tank. ”

James Waldner, Lamberton, MN

“ Although I was skeptical about defoamer products, I tried the **Manure Master Mechanical Defoamer** in the fall of 2018, and found it amazing! It worked within minutes and reduced foam at pump-out. Best of all, it works on every pit. The flow is more consistent, and I can get an additional 1,000-1,500 gallons of manure in my tankers in comparison to prior years. It saves lot of time. ”

Brent Dahl of Dahl Waste and Handling, Dawson, MN



“ I used **Manure Master Mechanical Defoamer** in the Fall of 2018. I stirred the swine manure pit lightly, added the product to loadout and stirred another 15 minutes. It immediately snuffed out all the foam. It was unlike anything we've ever used! It's the only product we've found that truly works 100% and with a small amount. We were also able to loadout wide open, which saves time, and go to the field with a full load. The **Manure Master Mechanical Defoamer** definitely allows us the ability to get in and out of a hauling sight faster and reduces our hauling cost. ”

Doug Rohlik – D & G Custom Services, Belview, MN

