

BIO-AMEND & BIO-AMEND 2.0



Bio-Amend used in cattle barn pits.



Bio-Amend used in hog barn pits.



Picture of a 3.5 million gallon, 1st stage lagoon, taken 08/2015. It had been treated with *Bio-Amend* for about a year. No crust and easy agitation during fall pumping. No odor.



This is the 2nd stage lagoon at the same operation, where they pull water for flushing the sand lane. During the summer this lagoon would get very stagnant and the odor would be very strong. It had been treated with *Bio-Amend* for about a year and the odor was gone, and the sand was cleaner because of cleaner water.

Bio-Amend is an outstanding pit and lagoon treatment product that contains 17 strains of active bacteria including 2 strains of purple, non-sulfur bacteria. This biological product works great in any anaerobic manure storage setting. Bio-Amend works in a way that it helps increase plant availability of the nutrients in the manure, as well as reduce odor, reduce flies, and regain capacity, among others. Simple application and ease of use, along with its great benefits, puts this product at the top of its league.

General Information:

BIO-AMEND contains 17 species of live active bacteria, including purple non-sulfur bacteria. BIO-AMEND is used on all forms of anaerobic manure storage and livestock species, including hog pits and lagoons, dairy lagoons and pits, and cattle pits.

Benefits in the Facility:

- Reduce to eliminate bottom solids
- Regain capacity
- Reduce to eliminate crusting
- Reduce pit odors and harmful gas production
- Reduce fly population
- Increase ease of pumping

Benefits in the Field:

- Increase manure consistency
- Pre-digest manure
- Increase plant available nutrients
- Nutrients stored in non-leachable organic compounds
- Inoculate soils with beneficial bacteria
- Reduce manure and soil salt levels
- Increase yield



Picture taken 9/20/16 of a 9 million gallon dairy lagoon treated with Bio-Amend 4/2016 for the 1st time. Very little crust, and owner said odor was greatly reduced from previous years.

Treatment Rate:

BIO-AMEND: 325 gallons per 1 million gallons of manure storage capacity per year

BIO-AMEND: Fall, after pump out: 150 gallons per million gallons manure capacity
Spring, after warm up: 175 gallons per million gallons manure capacity

Concentrate :

BIO-AMEND 2.0: 32.5 gallons per 1 million gallons of manure storage capacity per year

BIO-AMEND 2.0: Fall, after pump out: 15 gallons per million gallons manure capacity
Spring, after warm up: 17.5 gallons per million gallons manure capacity