

Industrial Strength

Acti-Zyme products are the perfect solution for all contained livestock lagoons and slurry tanks. With proper dosage and application the product will reduce odors, liquefy the organic solids, increase the ability for pump out, and in the process enhance the value of the slurry as a fertilizer.

Dairy Blend - Dairy Sewage Treatment is a specifically targeted product for use in the contained dairy farms, cattle ranches, and feed lots.

AZ BF Blend - The AZ BF Blend is for treatment of slaughterhouse plants to avoid plug ups and odours in waste drains.

Ag Blend - Agriculture Manure Treatment is designed with unique characteristics suited for contained swine and poultry farms.

Ag+ Blend - Ag+ is an ultra concentrated blend for extreme sludge build up in lagoons and slurry tanks.



Slurry Tank at Winnifred Colony Dairy Medicine Hat, AB CA.
Continuously applied, no sludge build up problems over 21yrs.

Acti-Zyme products are used to digest and treat organic wastewater in contained livestock sewage lagoons, pits, lines, and slurry tanks. For best results, use weekly, as recommended.



The Garden Plain Colony's bubbling primary lagoon.
A 550 sow operation in SK, Canada.

Expected Results

Liquefies Sludge

Easily Pump Out Pits

Reduces Odor and Flies

Cleans Lines Between Barns & Storage

Enhances Fertilizer Value

Produces More Plant Soluble Nutrients

Environmentally Safe

What Our Clients Say About Acti-Zyme

"Normally we produce on a good year 20 bushels/acre this year we produced 30 bushels/acre using this treatment method."

Feedlot Manager, SK, Canada

The Winnifred Dairy has 80 to 90 milking cows and they have treated their manure with Acti-Zyme for over 21 years. They have reported no signs of corrosion in their slurry tanks, nor have they had the need to install anti-corrosion rods.

Winnifred Dairy, AB, Canada

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**IMPORTANT: Acti-Zyme products digest soft organic matter, preferably in water. Results may vary depending upon situational variables. Dosage treatments may require more or less product in order to remove the desired level of sludge and undesirable nutrients.*



Contained Livestock
Barns, Slurry Tanks & Lagoons



For use in contained livestock manure handling systems.

Acti-Zyme does not cost it pays!

Liquifying Sludge

A farm with both Hog and Dairy operations located near Big Sky, MT had difficulty with pumping out its manure holding pond in September 30, 2015. After treatment the operators were able to pump out an additional 70% of the lagoon, approximately 3,200 m3 of previously compacted manure.



A Hog Farm Comparison

At one hog farm, operating with 500 hogs farrow to finish, has been treating their lagoon for many years, they are able to pump their lagoon slurry through a 6-inch line as far as 10 kilometres, and are getting 1,150 GPM at the applicator.

While in comparison, another hog farm of comparable size has been pumping untreated manure using an 8-inch line and are only able to attain 650 GPM with their applicator over a shorter distance of 1.6 kilometres on level ground.

Improved Fertilization

Olds College, AB, Canada conducted multiple studies with assistance from the Canadian International Grains Institute and a contained livestock producer in Southern AB. These studies found that when compared to commercial fertilizer, manure treated with Acti-Zyme Dairy blend increased the protein value over 30%. Many farms have also experienced increased crop yields compared to regular spreading of manure not treated with Acti-Zyme Products.

Sample ID	A-ED Barley	B-ED Barley	C-ED Barely	% Change
Description	Commercial Fertilizer	No Fertilizer	AZ Treated Manure	
Protein (dmb, %)	10.7	10.4	14.5	35.5% Increase

*"We have used this product for about 13 years and have **never had to clean out or agitate our primary lagoon**. We use all the liquid for fertilizer and have never had a soil problem. In fact, on the land where we used the newly treated manure, our yields were **approximately eighteen bushels more** than fields treated with commercial fertilizer." **Large Livestock Producer, Southern SK, Canada***

Developed Over a 20 Year Period In Real World Conditions

Removed over 7 feet of solid sludge build up during the summer of 2008. Contained livestock producer, Magrath AB, Canada.

Non-toxic, all natural, biological technology for rehabilitation and maintenance of wastewater systems.