Slurry Treatment

Ingredients:

MicroZyme S is a biological product which reduces solids and controls odour of swine waste stored in lagoons and other holding pits. This product should be used as part of a complete waste management program.

Available in 1kg pots

Directions:

Treatment should start as soon as the lagoon begins to fill and should be continued on a regular basis. Do NOT apply **MicroZyme S** to lagoons that are nearly full unless long term storage is intended.

Initial Dosing: Initial dose of 2x 1kg

Then a dose of 1x 1kg on a weekly basis.

At each dosage, the tank should be stirred to mix the product in evenly.

Storage:

This product contains viable bacteria and microbial enzymes. For maximum shelf life store in a cool, dry place in original packaging. Use within 12 months of date of manufacture.

ABOUT VOLAC

Volac is dedicated to developing cutting-edge product-based agricultural solutions and species-specific programs designed to improve animal health and performance.

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APPROVED FOR USE IN ORGANIC SYSTEMS
UKE0508

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volac
Animal Nutrition

MicroZyme S

SLURRY IMPROVER

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Making the most of your slurry. MicroZyme S is a biological product for use in the reduction of solids, odour control and nitrogen retention in stored liquid swine manure. Containing a unique blend of bacteria strains specifically selected for their capability to breakdown fibre, starch, pectins, fats, and protein residues within swine slurry over a wide range of temperatures. The cocktail of concentrated degradative enzymes included ensure that the additive begins working the moment it is added.

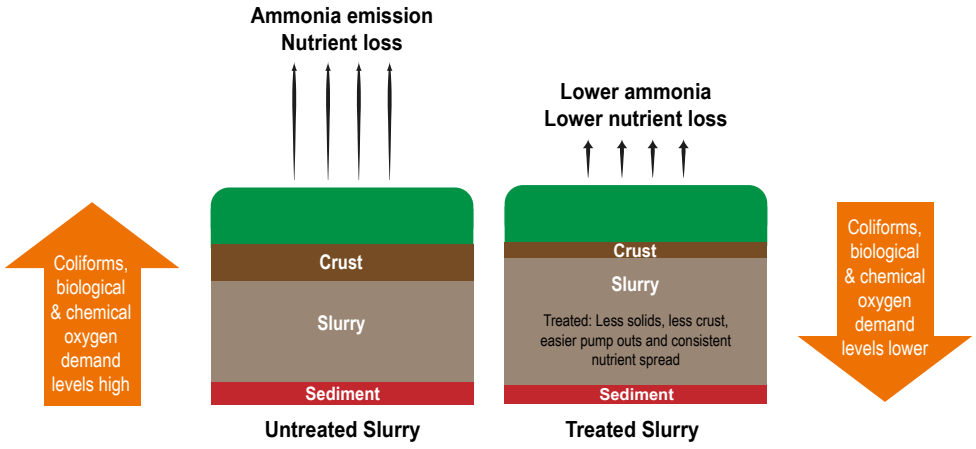
MicroZyme S protects the nutrient value and makes it easier to manage.

Decreases Solids

- Less time stirring, fewer blockages.
- Quicker pump outs, less diesel used.
- Less cost to spread.
- Easier injecting or drilling.
- Reduction in surface run off risk.
- Reduces crust formation.

Storage Benefits

- Reduces odour and ammonia emissions.
- Less separation after mixing and a more consistent slurry.
- Lower harmful emissions that can affect livestock and operators.
- Less sediment, faster and easier emptying.



Nutrient Saving

Liquid manure is a good source of fertiliser due to its high content of nitrogen, phosphorus and potassium. Treating slurry with **MicroZyme** helps retain the nutrient value, reducing the need for bought in fertilisers.

- Accelerates the degradation of organic waste material.
- Improves plant uptake, allowing slurry to be applied to multi-cut systems.
- Provides consistent nutritive value from start to finish.

Reduces Harmful Emissions

The unique blend of specifically selected bacteria and enzymes degrade the organic waste material, thereby reducing ammonia levels.

- A lower ammonia level is important when complying with air quality regulations, reducing the environmental impact of livestock production.
- Reduced ammonia emissions help preserve nitrogen content and nutrient value of the manure, thus optimising its value as a fertiliser.

Trialled and Tested

MicroZyme has been proven to reduce valuable nitrogen losses in dairy slurry, and to reduce crust formation, as well as lower sulphide and lower ammonia levels.

Trials have also shown that **MicroZyme** considerably lowers levels of coliforms and *E.coli* in slurry. Biological Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) are also lower.