

SOUTHLAND MILKING FARM Case Study

SOUTHLAND FARM MILKING 1000 COWS

Photos are of 2nd Holding Pond on farm

SITE VISIT | 24th September 2018

Pre Treatment Findings

- Odour from Pond
- Crusting on pond 1.45 mtrs
- Aerator (stirrer) used 4.5 hours per day
- Solids being dumped on paddock when emptied

Treatment Plan

- Shock dose pond with 20L Bio-Zyme Industrial
- Pour 2 litres Bio-Zyme Industrial down drain in pit of rotary cowshed daily

SITE VISIT | 23rd October 2018

Findings after 1 month

- Minimum Odour of Pond
- Crusting on pond 700mm
- Aerator (stirrer) used 1.5 hours per day since 3rd October
- Liquefied solids more noticeable

SITE VISIT | 24th November 2018

Findings after 2 months

- Minimum Odour of Pond
- Crusting on Pond Nil all liquid
- Aerator (stirrer) not used at all since 23rd October

Outcome - Positives

- Minimal to no odour in Pond
- Grass more palatable for Cows
- Cows ate 100% of allocation
- No Smell when irrigating
- Irrigation Jets clean no blockages
- Grazing rotation available earlier than previous rotations
- Smell reduced significantly in centre of Rotary shed and drains
- Savings in power and maintenance due to not using aerator (stirrer)



Bio-Zyme 20L Industrial Cleaner

Oxidation Pond Test
Use rate: 1L Industrial
daily per 500 cows



4839
MPI Approved C32
MPI Approved Cleaner | Sanitiser
MPI Dairy Approved and Recognised
Dispensers not included in any accreditations

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YOUR NEW ZEALAND MANUFACTURED ORGANIC SOLUTION
TO A CLEAN GREEN ENVIRONMENT

DAIRY FARMS

Bio-Zyme Industrial

Enzyme based Deodoriser - Degreaser | For Effluent Ponds

An environmentally preferable cleaner, deodoriser and degreaser, **Bio-Zyme Industrial** is a non-toxic and biodegradable agent, which augments biological action.

Bio-Zyme Industrial works to eliminate odours by breaking down the molecular structure of the host environment, digests contaminants and speeds up the natural biodegrading process.

Bio-Zyme Industrial includes natural enzymes that break down oils and greases in holding ponds, wastewater treatment systems, septic tanks, grease traps, toilets, drains etc., making it easier for nature's bacteria to consume any organic waste matter and at the same time eliminating any odours.

How to use

- Shock dose primary and secondary ponds pour 20L directly into each pond
- Pour 1 litre per 500 cows per day down drain to effluent pond

Features & Benefits

- Helps weeping walls work more efficiently
- Reduces the smell and odour
- Environmentally preferable - Eco Choice Aotearoa Licensed
- Biodegrades the removed organic contaminants and reduces crusting
- Cost effective
- Makes grass more palatable for animals
- Keeps irrigation jets clear
- Enhances and conditions waste water treatment systems

Technical Data

- Eco Choice Aotearoa Licensed
- BioGro Certified
- MPI Approval C32
- Wastewater Treatment Systems Preferable
- Deodoriser

Safety

- Do not swallow
- Keep out of reach of children
- Avoid contact with eyes
- If eye contact occurs wash out with potable water



Available in
20L and 200L



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