



**POWERFUL ORGANIC**

## LIVESTOCK MANURE POND CRUST BUSTA 1000X



## LIQUEFIES MANURE SOLIDS AND POND CRUST ON LIVESTOCK MANURE PONDS - WITHOUT TOXIC CHEMICALS!

Green2go™ Livestock Manure Pond Crust Busta 1000X is a robust and effective bacterial blend specially formulated to decrease odours, solids and sludge accumulation in animal waste ponds - without toxic chemicals or invasive and costly machinery. Specially designed to treat ponds with a solid crust, before continuing with a maintenance program of LMPT (powder).

### HOW IT WORKS:

Trillions of robust, application specific microbes, thrive by eating the crust that forms of the pond from the manure of cows, pigs and other domestic farm animals.

'Bad' or anaerobic bacteria thrive on low light (dark) environments that are low in oxygen levels. They accumulate deep in the pond, turning organic matter into fine particles and sending them to the surface, where they form a crust and block the sunlight. The bottom of the pond becomes an odourous sludge where the 'bad' bacteria multiply.

The aerobic bacteria in Green2go™ consume the surface crust, letting the light back into the pond, increasing oxygen levels and restoring the natural balance.

The result is a clearer pond, without odour. The nutrient rich water can then be used as a liquid fertiliser on pastures.

The optimised proprietary bacterial consortium in Green2go™ LMP Crust Busta 1000X degrades a broader spectrum of substrates than other treatments. By reducing the ammonia compounds and other by-products of organic animal waste, the source of odours is eliminated.

The results are:

- decreased solid and sludge build-up
- quick and effective odour reduction by elimination the source of odours
- modification of nutrients to provide pasture fertiliser
- significant reduction in waste volume
- enhanced BOD/COD/TSS\* removal

### EFFLUENT POND MANAGEMENT

For successful results with Green2go LMP Crust Busta 1000X, the following criteria needs to be established:

1. Assess the manure load in the pond. This will determine product suitability.

**Medium Load** = 50% liquid with manure suspension with 50% crusting

**Heavy Load** = 20% liquid with manure suspension with 80% crusting.

2. You need to have control of the pond outlet, other than the overflow. The bacteria in G2Go, requires time to multiply and reach peak performance. (Refer overleaf for illustrations.)

A controlled outlet close to the base of the pond, or at least half way down the pond wall, will allow you to reduce the storage in the pond **prior to dosing**, so that 3-4 weeks inflow can be accommodated from the time of dosing, before having to release.

If pond is full-to-overflowing, and cannot be held or reduced, dosing will not provide results, as the bacteria will be flushed from the pond with the first inflow.

Contact us to arrange an on-site evaluation, to ensure maximum results.

\*Biochemical Oxygen Demand (BOD) All natural waterways contain bacteria and nutrient. Introduced waste compounds will initiate biochemical imbalances. Chemical Oxygen Demand (COD) Oxidizable chemicals (such as reducing chemicals) introduced into water will similarly initiate chemical reactions. Total Suspended Solids (TSS).

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## DOSING INSTRUCTIONS

**IMPORTANT: THE CAPACITY FOR 3-4 WEEKS INFLOW OR HOLDING PERIOD IS REQUIRED IN THE POND BEFORE DOSING.**

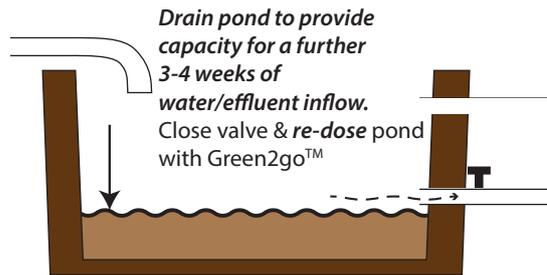
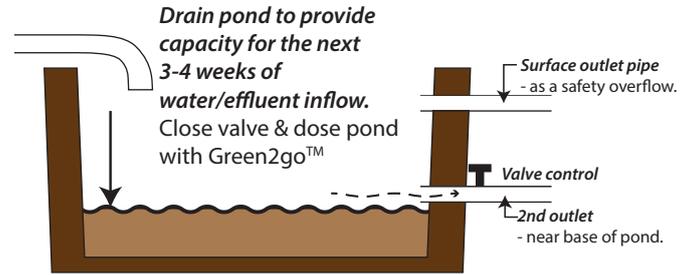
A controlled outlet close to the base of the pond, or at least half way down the pond wall, will allow you to reduce the storage in the pond prior to dosing, so that 3-4 weeks inflow can be accommodated, from the time of dosing, until release. If pond is full-to-overflowing, and cannot be held or reduced, dosing will not provide results, as the bacteria will be flushed from the pond with the first inflow.

Refer to illustrations.

**DOSE RATE:** Refer to table for dose rates, or see below. Rates are dependent upon effluent load in pond.

**Application should be as evenly distributed as possible, ie: not all in one point.**

If the crust is solid over the entire pond, it is recommended to contact us regarding treatment.



DOSE RATE/SCHEDULE for pond with Medium Load:		POND SIZE	
		1 Meg L	4 Meg L
Day 1	Drain pond. Close Outlet. Dose:	7.5L	30L
Day 15	Dose:	7.5L	30L
Day 30	Drain pond. Close Outlet. Dose with LMPT powder according to maintenance program instructions.		

### TECHNICAL INFORMATION:

1MGL = 1,000,000L

**Bacteria Count in CRUST BUSTA 1000x = 2 Trillion CFU/gram**  
Colony-forming unit (CFU) is a rough estimate of the number of viable bacteria or fungal cells in a sample.

**Optimal PH range of the pond: 4 - 11**

**Temperature range for optimal performance: 5°C - 50°C**

If temperature falls below 5°C or rises above 50°C, you can expect the bacteria to become dormant and the performance to slow. Once the temperature returns to within the range of 5°C - 50°C, the performance will return.

**Salinity:** The bacteria in this product can tolerate high levels of salts such as those seen in sea water.

**CAUTION:** If in contact with eyes, rinse thoroughly with water. If in contact with skin, rinse with soap and water. If swallowed, do not induce vomiting or give anything by mouth. Seek immediate medical attention. For advise, contact the poisons information centre on 13 11 26 or see a doctor.