

**bio reme**<sup>®</sup>  
Bioculture



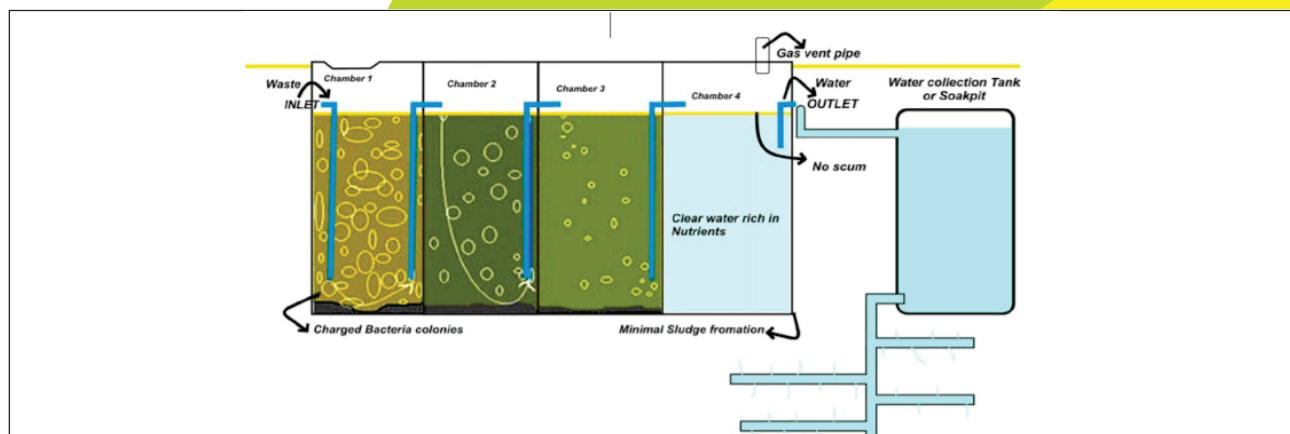
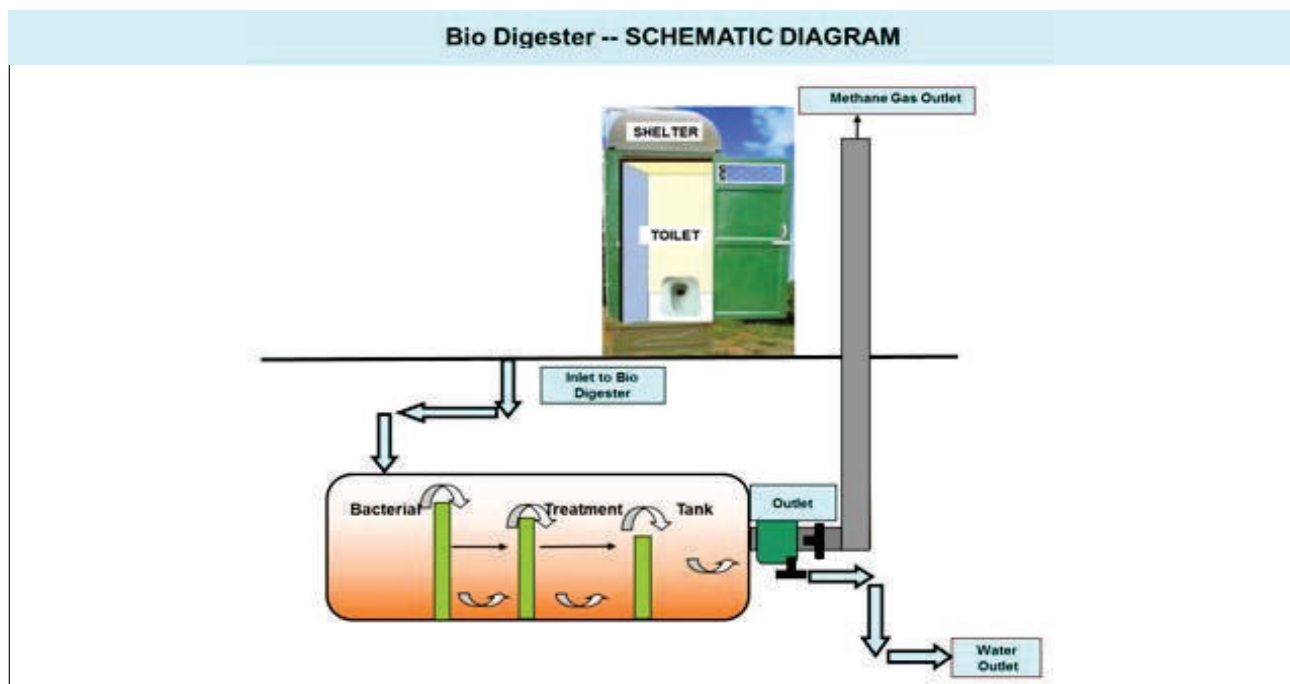
**Greencraft Labs**  
Private Limited

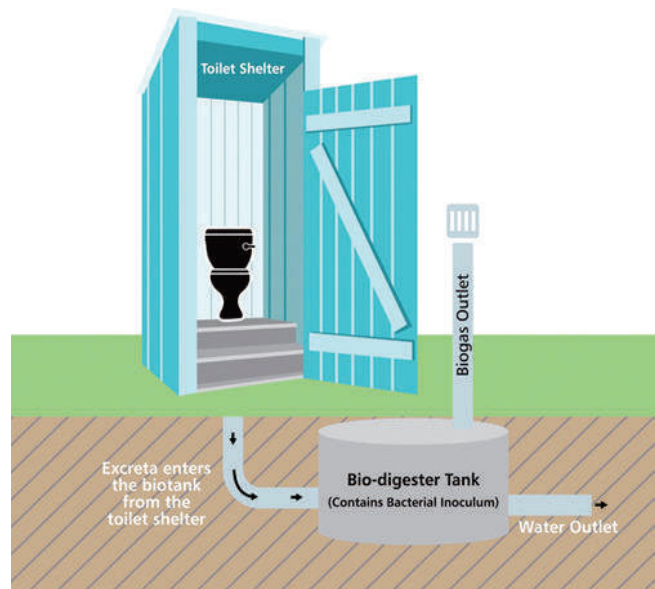
# BIOTOILET

# WHAT IS BIO REME BIOTOILET?

Bio Reme Bio Toilet is a consortium of specially selected microorganisms which are natural and safe. These bacteria degrade human fecal waste into simpler compounds, the bio-degradation process is set off in the toilet chambers – the bacteria consumes the organic matter (human excreta) and produce methane gas, Carbon Dioxide and water as byproducts. Bio Reme Bio toilet Bacteria releases enzymes that further helps to breakdown the complex proteins into simpler form.

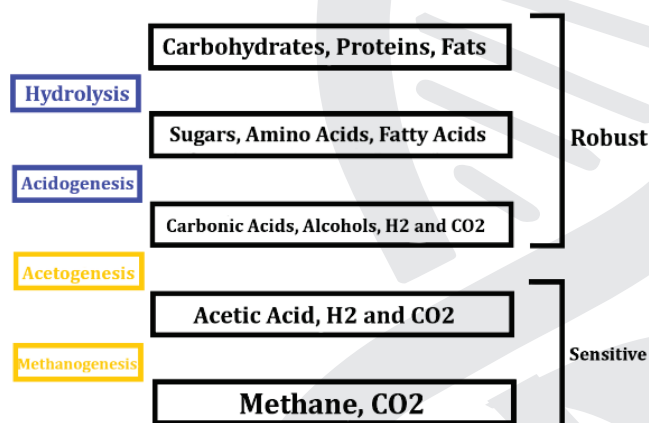
Microbial digestion by Bio Reme is done in different stages bacteria in digester chambers. This is the simplest and the cleanest way to digest waste into methane and CO<sup>2</sup>.





BioReme bio toilet give specific tendencies to digester that helps to increase the sewage holding period for long time which results to give better water quality from the outlet. The combination of different facultative anaerobes, cold loving, Acetogenic and methanogenic bacteria provides specific strength to our product for degrading faecal matters at very low temperature to high temperature as well.

## Working of Bacteria







## Benefits of Bio reme Biotoilet

- Blend of various acclimatized microbial strains, no fermentation required.
- Degrades fecal sludge fastly and reduces foul Odour.
- Suppresses harmful bacterial growth.
- Rapid multiplication of healthy bacterial colonies for faster commissioning.
- Degrades organic waste into methane, CO<sup>2</sup> and liquid.
- Good performance at extremely low and high upto 60° C.
- Nonpathogenic and non-hazardous to human beings.
- Eco friendly and naturally safe bacteria.
- No effect of cleaning chemicals phenyl, detergent, kerosene upto certain limit.
- Control backflow and overflow of digester tank.
- Due to less dilution ratio, it provides 98% digester space for use which increases sewage holding time, hence outlet quality improves.
- Bacteria form colonies inside the pipeline which helps to protect from clogging and blocking of pipes.
- Powder form is easy to store, handle and transport.
- Overall digester commissioning cost reduces up to 75%.
- Shelf life of 24 months provides long lasting life of product.
- 1 kg BioReme bio toilet powder required to commissioning of 1000 liters of digester tank

## Performance Properties

pH	6.5-7.5
Temperature	5 to 55°C
Reactivation Rate	99% after addition to water
Concentration	Highly Concentrated
Shelf Life	2 years

## Physical Properties

Appearance	Off White Colour
Physical State	Powdered Form
Odour	Odourless
Moisture Content	6-7 %
Mesh Size	0.6 mm
Packaging	1 kg Aluminium zip lock

## Dosage Schedule

Mix 1 kg Bio Reme Bio toilet powder for 1000 liter Biodigester tank.

## Area of Application

- Bio toilets
- Portable toilets
- Community toilets
- Septic tanks

## Application Matrix

1. Mix Bio Reme 1 kg powder in 20 Liter water (Prefer normal temperature).
2. Stir well and remain in bucket for 30 minutes (for bacteria activation)
3. Directly Dose at inlet of toilet seat or WC.



# Testing & Certifications

- ✓ Certified Non Toxic
- ✓ Certified Temperature Range
- ✓ Certified Non GMO
- ✓ Certified Non Pathogenic
- ✓ Tested for Toxic Metals
- ✓ Bioassay on Fish Done

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