

BACTÉRIOMÉTHA®

MARCEL MÉZY TECHNOLOGIES®

TL

Increased methane production Improved digestion process

Bactériométha® TL TOUT LIQUIDE is an additive for methanation substrates containing natural minerals and a selection of natural plants composted with spontaneous micro-organisms selected on the composts from Marcel Mézy® technologies.

PERFORMANCE AND MODE OF ACTION

Bactériométha® TL acts throughout the different stages of the transformation process of the organic matter and in accordance with different modes of action. As such, combining it with substrates enables better accessibility for organic matter during the initial phases of biogas production. It also enables a **significant reduction of losses of elements**, through leaching or gas emanation, from manure and slurry and during storage of substrates in pits or on concrete. It also **boosts the release, stabilisation and balance** of the digestion process.

TECHNICAL AND TECHNOLOGICAL BENEFITS

- **Increased methane production thanks to improved:**
 - Accessibility to organic matter with better breakdown of fibres
 - Improved digestion process in digester
 - Homogeneity and mixing of substrates in the digester
 - Absorption in the piles of organic matter of the recirculation juices (creation of humic acids)
- **Improved overall profitability of farming operations through:**
 - A reduction in floating layers, optimised mixing and a resulting lower consumption of energy used for agitation
- **Significant reduction in odours prior to methanation by trapping nitrogen and carbon in substrates while still in the sheds with cattle and during storage**

FINANCIAL BENEFITS

- **Increased production of biogas and thereby electricity-related income**
- **Reduced agitation-related energy consumption**
- **Potential savings in raw materials**

Since 1999, Sobac has featured in the guide "Product design and the environment, 90 examples of eco-design" by the French Agency for the Environment and Energy Management (ADEME), the only agricultural product to be featured. Marcel Mézy® Technologies are developed by Mezagri - www.marcel-mezy-environnement.com - and marketed by Sobac - ZA - 12740 LIOUJAS – France - Tel.: +33 (0)5 65 46 63 30 - contact@sobac.fr - www.sobac.fr.

GENERAL INFO: Dose = 400 g to 140 g of Bactériométha® TL /m³ of substrate entering the digester

APPLICATIONS

INCORPORATION DETAILS

WET ANAEROBIC DIGESTOR WITH 80% OR MORE LIQUID SUBSTRATES:

For this type of installation we recommend using Bactériométha® TL. It should be incorporated to the substrate when introducing it into the digester at a rate of 400 to 140 gr of Bactériométha® TL /m³ of substrate. The quantity to be applied will be advised by your technical sales representative.

**PRECAUTIONS: DO NOT MIX WITH DISINFECTANTS: superphosphate, quicklime, etc.
If disinfection has been carried out, wait 15 days before Bactériométha®**



Take a look at the experiences of your fellow colleagues as well as opinions of scientists and vets at www.sobac.fr

SOBAC - ZA - 13740 LIQUILLAS - France - Tel : +33 (0)5 65 46 63 20 - contact@sobac.fr