

# BACTÉRIOLIT®

MARCEL MÉZY TECHNOLOGIES®

## Concentré

Product usable in organic farming in accordance with regulations (CE) n°834/2007 and n°889/2008 on organic farming. Product complies with NOP (US National Organic Program)

**Litter and compost additive containing natural minerals and a selection of natural composted plants on which has developed the complex of spontaneous micro-organisms from Marcel MEZY's composts.**

**Recognised in France by the administration as CMO (Micro-Organisms Complex) to compost manure without mechanical intervention and to obtain a standardised organic amendment NF U44-051 marketable and taken out of the farm manure management plan.**

### EFFICIENCY AND ACTION

Bactériolit® Concentré is a composting additive, 100 % natural, which **activates the biological transformation of manure and slurry into humus and improves their efficiency**, in particular by reorganizing the different forms of nitrogen it contains. **Mineral elements contained in slurry and manure are reorganized and fixed onto the clay-humic complex and then returned to the plant instead of being washed away or released in the atmosphere.** Thus, plants are fed healthily and more regularly as they are sourcing their own food in the soil.

### EFFICIENT FOR BREEDERS AND ANIMALS

- **Improvement of the environment in the shed and when spreading slurry (less ammonia, less smell)**
- **Improvement of farm manure efficiency**
- **Easy to use**
- **Less crusting in the pit**
- **More homogeneous slurry**



## ECONOMIC AND ECO-FRIENDLY

- Increased gross margin
- Less leaching of mineral elements
- Activates the quick transformation of slurry and manure into humus
- Fewer losses through gas emanation
- Better value and better use of farm yard manure and slurry
- Naturally composts manure without mechanical action
- Better restitution to plants
- Replaces fertiliser and amendments inputs
- Nitrogen management optimisation

**APPLICATION** *by hand or mechanical*: **1 to 2 kg/m<sup>3</sup> of manure or slurry**  
Equivalent to 2 kg/LSU/month for an application of 30 m<sup>3</sup>/ha



### STRAW BEDDINGS OR SLATTED TANKS:

**1/3 of the recommended dose on the first bedding + 1/3 before cleaning and the 3<sup>rd</sup> tiers** is done either before cleaning (along with the 2<sup>nd</sup> application ) or spread every week (or every day) if you wish to improve the environment in the shed.

**If cleanings occur after 10 weeks:** reduce the first application to 10 % of the total recommended dose and spread the remaining dose every week in order to always treat the real amount of manure or slurry produced by the animals.

### SLURRY PIT: apply the full dose in 2 or 3 times directly in the pit:

**1/3 in the beginning + 2/3 before emptying** or  
**1/3 in the beginning + 1/3 when the pit is half full + 1/3 before emptying**  
*Advice: Agitate the slurry before and while applying the product.*

### AUTOMATIC SCRAPERS

Apply every week or every day either in the pathway or on the pile or in the pit.

**PIGS:** 500 to 800 g/pig/stripe for 30 m<sup>3</sup>/ha or 12 kg /acre. Spread the product after the animals have come in and at least 15 days after disinfection. It is possible to fraction the supply of Bactériolit® Concentré.

**POULTRY:** Apply 1 kg/m<sup>3</sup> within 10 days after the entry of the animals in the shed. Add some Bactériolit® Concentré when cleaning out the manure to reach the target of 3 kg/m<sup>3</sup> when applying 10 m<sup>3</sup>/ha.

**PRECAUTION OF USE: NO SIMULTANEOUS APPLICATION OF antiseptic products: superphosphate, lime, disinfectants...**In case of disinfection, wait at least 15 days to apply Bactériolit® Concentré.

