



# MBL FARM Poultry

Powdered bacterial activator for the treatment of manure in poultry and rabbit bedding

## DESCRIPTION

**MBL FARM Poultry** is a powdered biological activator, composed of a mixture of spore-forming bacterial strains, which is used to metabolize liquid and solid manure from poultry and rabbit farms in the litter.

**MBL FARM Poultry** strongly reduces unpleasant odors, stimulates biological nitrification and reduces the concentration of ammonia and its fumes. It can be used in both aerobic and anaerobic environments.

**MBL FARM Poultry** develops a specific and beneficial microbial activity, positively orienting the bacterial fermentations that occur in the litter, ensuring its compactness, drying and extending its replacement times.

**MBL FARM Poultry** allows you to maintain a healthier environment and allows you to generate significant savings both in terms of work and in economic terms.

The use of **MBL FARM Poultry** allows to reduce the environmental impact on farms, contributing to the hygiene of the environments, as well as to the improvement of the living conditions of the animals, the performance and work of the operators.

## ADVANTAGES

- Drastic reduction of odors and ammonia fumes
- Decreases the humidity of the litter
- Increases the comfort of the animals in the farm and consequently the yield
- Significant reduction of flies and insects
- It allows to limit the volume of the litter and the quantity of manure to be removed
- The treated litter undergoes an increase in its transformation and maturation speed, by correctly regulating the nitrogen cycle and increasing its fertilizing properties

## INSTRUCTIONS FOR USE

Use **MBL FARM Poultry** powder as it is, spreading it evenly, by broadcasting.

### Dosage in Litter:

Spread 10 kg on the litter. per 1,000 m<sup>2</sup> (10 gr. per m<sup>2</sup>) of MBL FARM Poultry. After about 20 days from placing the animals, consult our technical staff if necessary to evaluate further treatments.

### Dosage on conveyor belts and accumulation tanks:

Dilute 1Kg of **MBL FARM Poultry** in 15/20 liters of warm water, adding 1Kg of dejection, possibly blow in air and shake the mixture for 2-3 hours before application.

Dose daily on the conveyor belt or in the collection tank 2 liters of solution for each m<sup>3</sup> of slurry produced by the farm.



Use with a pH between 5.5 and 9.5 and with an ambient temperature between +6 and +45°C.

Apply the product evenly on the surfaces to be treated, replicating the maintenance treatment regularly.

## PROPERTIES

- **Physical aspect:** light brown powder
- **Odour:** perceptible
- **Toxicity:** non-toxic
- **Heat stability:** excellent
- **pH range:** 6.5-8.0
- **Solubility in water:** complete
- **Bacterial concentration (C.f.u.\*):**  $1 \times 10^9$  gr. \* colony-forming units
- **Enzyme production:** lipase / protease / amylase / cellulase
- **Chemotaxis:** positive
- **Metabolism:** facultative anaerobic and aerobic
- **Specific weight:** 1070 gr / lt approximately
- **Biodegradability:** does not contain surfactants
- **Bacterial pool:** stabilized spores, of the genus Bacillus, natural (not G.M.O.)
- **Bacterial pool classification:** group 1 according to Legislative Decree no. 81/08

## PACKAGING

1, 5 and 20 kilo plastic pails with measuring cup with a capacity of 50 grams.

## STORAGE AND HANDLING

36 months (if properly stored, in closed containers). Store in a cool place away from light and heat sources.

**Kemper S.r.l.**

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## NOTICE TO USERS

The data shown in this technical data sheet have been prepared to the best of our knowledge and describe the indicative average characteristics of the product. This information does not constitute a sales specification. Product intended for professional use only. For information on transport and handling, see the safety data sheet.