

## **AGRO-BACTER**

### **liquid mixture of living microorganisms**

#### **USES**

Stables and farms: cattle, pigs, sheep, goats, poultry, horses, rabbits. Sewage, manure, poultry manure Compost for agriculture Biogas AGRO-BACTER is a activator biological synergized in liquid form that contains mixtures of microorganisms of which strains prevalent are the type photosynthetic, supported by appropriate inorganic substances capable of establish, in the middle to biodegrade, a chain of reactions in which intersect processes microbial symbiosis. This system, although complex, is highly balanced enough to allow the achieve: on one hand, of a high speed in the reactions and the other, a considerable accretion Business specification of microorganisms useful in the process of degradation organic substances. The biological component of the AGRO-BACTER includes microorganisms not pathogens selected.

AGRO-BACTER is used in all processes Biological to get high returns quantitative, qualitative and ecological. With its complex bacterial metabolism, content in AGRO-BACTER causes a number of reactions which may be summarized as follows:

A. ACTION symbiotic The action Symbiotic of these micro-organisms leads to an increase of biological reproduction and enzyme secretion, both aerobically that anaerobically, at the expense of component organic pollutants also of the more readily biodegradable.

B. PRODUCTION OF VITAMINS The production of vitamins of group B, that facilitate cell division, promotes a greater speed of biodegradation;

C. ISSUE OF ANTIBIOTICS The emission of a large variety of antibiotics AGRO-BACTER determines a strong antagonism toward microorganisms pathogens and those retarding the process of deterioration. This action "sanitizing" occurs both in aerobic sludge as well as in the techniques of composting, to the ascertained antagonism against viruses, vibrios, B. coli, etc .. The materials malodorous and harmful are a substrate necessary to metabolism of the bacteria, in particular of photosynthetic ones, and for this reason solve serious problems of pollution atmospheric caused from hydrogen sulphide, mercaptato, indole, skatole, putrescine, etc .. The presence of specific bacteria ease the reactions nitrification and denitrification. The application of the AGRO-BACTER recovery and recycling of sewage, manure and manure, allows to obtain quality compost, for use in agriculture as a fertilizer since AGRO-BACTER is also capable of degrade refuse containing high concentrations of toxic material or hardly biodegradable.

#### **ADVANTAGES**

It does not need a revival since the biological microorganisms contained in AGRO-BACTER are already active.

- AGRO-BACTER keeps bedding and bunks dry and firm, remove the bad smell maintaining an environment more healthy and 50% longer times spare bedding allowing considerable savings both in terms of labor which in economic terms.

- AGRO-BACTER thanks to its action bio- sanitizing, strongly reduces the presence of bacteria pathogens, such as: salmonella, staphylococci, spore-forming, etc., is obtained by so a decrease of mastitis, dermatitis, problems breech and respiratoi animals stable

- AGRO-BACTER contains strong crops bioactive to release and hold in the efficiency sewage and sewage systems by means of the prevention of accumulation of organic waste. • AGRO-BACTER liquefies all types of matter Organic: animal waste, protein, fat, oil, cellulose, starch etc. mineralize them attenuating highly unpleasant odors environment

- AGRO-BACTER decreases dramatically the presence of crawling insects and flies in the stables • AGRO-BACTER is easy to use. and can be administered manually every container, or automatically with a metering pump, or sprayed with a low-pressure pump

- AGRO-BACTER In Bath, transforms sewage from rotting in decomposed, cappellacci melts and helps to keep fluids sediments

- AGRO-BACTER in the heaps of manure and manure accelerates the process of decomposition increases absorption water, reduces the volume of manure and manure up to levels of degradation top a 96% in 8/12 weeks improving the quality and the devitalizzando weed seeds

- AGRO-BACTER In "Digestion anaerobic hot "causes a higher production and a net improvement qualitative the biogas, with times of stay lower.

#### DIRECTIONS FOR USE

In composting plants

- From 500 to 1000 ml / mc of AGRO-BACTER accelerates the times of fermentation allowing the continuity of the reaction even in winter, when the temperature Outdoor reaches securities very low, reaching levels of degradation above the 96% in 8/12 weeks eliminating bad odors and reducing volumes. In drainage systems
- 100/200 gr, once a week, paid in vents, ducts, performs its Action from the entrance of the system, avoiding deposits and deposits along the route. Collection tanks
- From 500 to 1000 ml / mc In bath, transforms sewage from rotting in decomposed In litters and berths
- Spray AGRO -BACTER at the rate of 1 liter for 100 square meters on the bedding to keep them dry eliminate odors and accelerate the deterioration of natural substances organic.

HANDLING OF ORGANIC PRODUCTS NATURAL: The optimal functioning of biological organisms is done in a pH of 6.85. Also the Temperature is a factor that influences the activity of natural organisms.

AGRO-BACTER is more active at a temperature of About 40 ° C (above this value, the cultures may die).

As with all other natural biological products, wash your hands after handling the product.

FEATURES - COD. 51E100 pH 6.0 to 8.80 Shape Liquid Color Antique pink Odor Slight Stability 6 months DISPOSAL EWC code 200130 \* Free from biological agents classified in Annex XI of the Decree. 626 of 19/09/94 - (Journal official n ° 265 the 11/12/94 Ordinary Supplement # 141) With the changes and additions made by the Legislative Decree. 242 of 19/39/96 - (Official Journal No. 104 of 05/05/96 Ordinary Supplement No. 75) Toxicity None