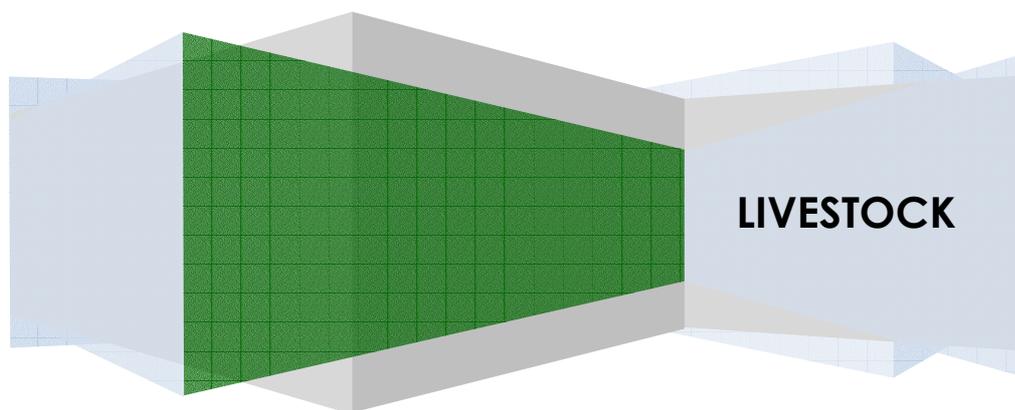


SGDA srl

4, via Mellana  
I - 15033 CASALE MONFERRATO (AI)

Linea di Prodotti ECOENZIMI®

Trattamenti Enzimatici per l'Agricoltura, la Zootecnia, la Sanificazione



**Produzione**

ECO ENZIMI srl  
Località Cascine Lunghe  
I - 15027 Pontestura (AL)

**Reti di Distribuzione**

Italia - Francia  
Portogallo - Spagna

**Commercializzazione**

SGDA srl  
4, via Mellana  
I - 15033 Casale Monferrato (AL)

The mixture of enzyme ECOENZIMI ® is a balanced set of nine groups of enzymes based on natural components. It is specially designed for the treatment of organic substances that are deodorized, sanitized, metabolised and unificate with significant and immediate benefits for animal welfare and hygiene of the environment. The mixture of enzyme ECOENZIMI ®, deodorized environments through the drastic reduction of ammonia gas by accelerating the formation of protein and humic, also blocks the formation of breakdown products of protein known to smell foul. The maintenance of the environments where they live animals at levels of health and optimal oxygenation have a positive impact on their health and their productions. At the same time accelerates the processing of slurry, manure and the manure into fertilizer ready to be used in agriculture. It must be emphasized that the use of the enzyme mixture ECOENZIMI ®, enhances the activity of existing microbial flora and promotes the formation of selected strains also brings a complete sanitizing organic. The mixture of enzyme ECOENZIMI ® has been used in breeding animals with different types and has revealed significant results in:

- **companies beef:** In lactating animals has produced the following results: the number of somatic cells started to decrease already after the first 7 days of treatment and at the end of the checks presented a reduction to 60/70%. Milk production has increased by about 1.5 liters per head per day. The processing completely annulled the presence of clots. In the presence of bovine animals with staphylococci and streptococci, it was found a significant decrease of somatic cells and infection mastitiche. With the abundant formation of selected microbial strains and the absolute absence of harmful bacteria, the mixture of enzyme ECOENZIMI ®, determines the blocking of pest species and pathogenic diseases and phenomena putrefattivi. Also on slurry and manure plays an 'intense devitalized seeds of weeds and finally the scaling of the tanks by collecting more primary root growth, a greater extension, size and number of lateral roots, improved resistance to water stress because biostimulants Enzyme mixture of algae to make a special level of cell membranes of the roots.
- **pig farms:** the treatments were made from the cycle of fattening, treating the entire surface completely livestock weekly. Were carried out periodic inspections and end the cycle. The end result was the complete disappearance of miasma, lower respiratory infections, control of bacteria in the litter, significant reduction in mortality, the environment being practically under control from a biological point of view.
- **poultry farms:** The treatment was carried out in breeding hens and lasted nine weeks. The first trial had as its object the verification of the effectiveness of reducing the unwanted proliferation of flies and to kill odors. The mixture ECOENZIMI ® has been tested on poultry following two procedures:
  - The manure was treated directly on the mounds, without the same being in any way move and oxygen in this case we observed a significant increase in temperature of the pile, and larvae that were created in the faeces decreased to 90% for process that develops the enzyme while maintaining its effectiveness persistent over time.
  - The second case is different in one respect: the first was held a substrate of 2-3 cm of sawdust on the floor while in the second. Staffing the fermentation process is started immediately at the first treatment, while the sawdust with the process of fermentation of poultry manure has required 15 days.

The recommended techniques of processing by moving the manure daily to improve oxygenation to accelerate the fermentation and the procedure followed favors fermentation and raise the temperature of the mass of organic matter. After the ninth week, we found excellent results. Treatment with the mixture ECOENZIMI ® has led to the resolution of two problems:

- drastic reduction of flies.
- drastic reduction of undesirable fumes and odors.

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The second experiment conducted during the months of November and December was made in order to verify the effectiveness of the enzyme against the proliferation of lice of chickens. After a preliminary check of the parameters, the engineers have spoken with the mixture ECOENZIMI ® treating the areas to be reclaimed for a period of 9 weeks and the results were as follows:

- a stable bacterial flora environmental.
- decrease lice disrupting the existing population, up to 80%
- a healthier environment.
- decrease odors.
- total disintegration of the parties supporting the lice where stationed.

In summary, the mixture prepared for animal husbandry provides the following Results:

- accelerate the biodegradation of organic substances.
- eliminates pathogens tested and holds it.
- reduces the emission of toxic gases (ammonia) harmful to the animals.
- quickly and permanently removes odors by oxidizing malodorous compounds.
- dung dries;
- reduces the size of the mass treated with rapid and homogenous humification, resulting inter alia evaporation and biodegradation of water with subsequent transformation of the masses treated in compost and humus, and then in product lines.

It is harmless and environment friendly, is not harmful, to humans or to animals.