

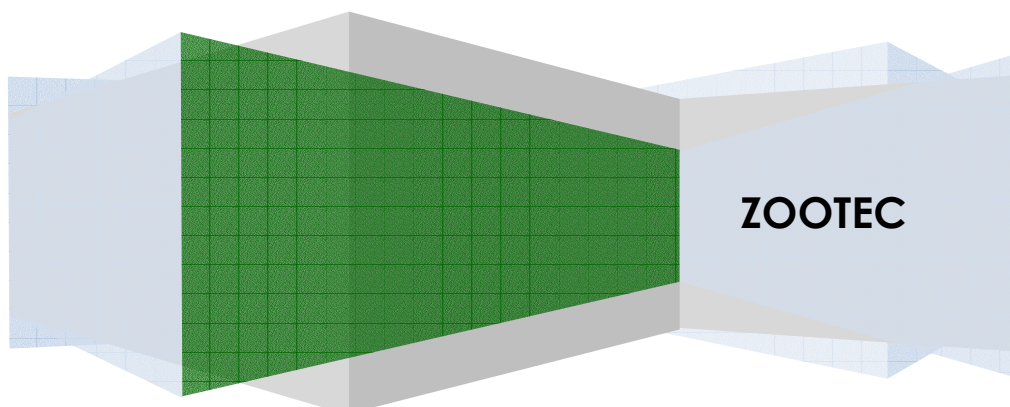


SGDA srl

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 environments of rearing horse stalls, barns and shelters, often have the disadvantage that it is also home to herds of germs that cause serious diseases of the respiratory and expiratory hoof.

Health and sanitation means a hygienic environment hardly favors the establishment of bacterial diseases, fungal and viral infections. For good results the farmer has to control the environment for the breeding of his animals, a method is to introduce micro-farming environments useful to counteract the harmful ones and encourage the fermentation of the litter so as to remove substances and toxic gases .

A proven technique to other livestock (cattle, pigs, sheep etc.) Is to use enzyme mixtures on bedding, bunks and boxes. Aims and objectives of the use of enzyme mixture **ZOOTEC-E** are:

- Reduce the environmental impact of microbial pathogens
- Maintain longer litter and reduce the consumption of straw
- Reduce the number of larvae of the insect vector (flies) and stress
- Keep the hooves dry and without development of pathogens
- Promote the quality of manure fertilizer Treaty
- Reduce the presence of ammonia and odorous gases

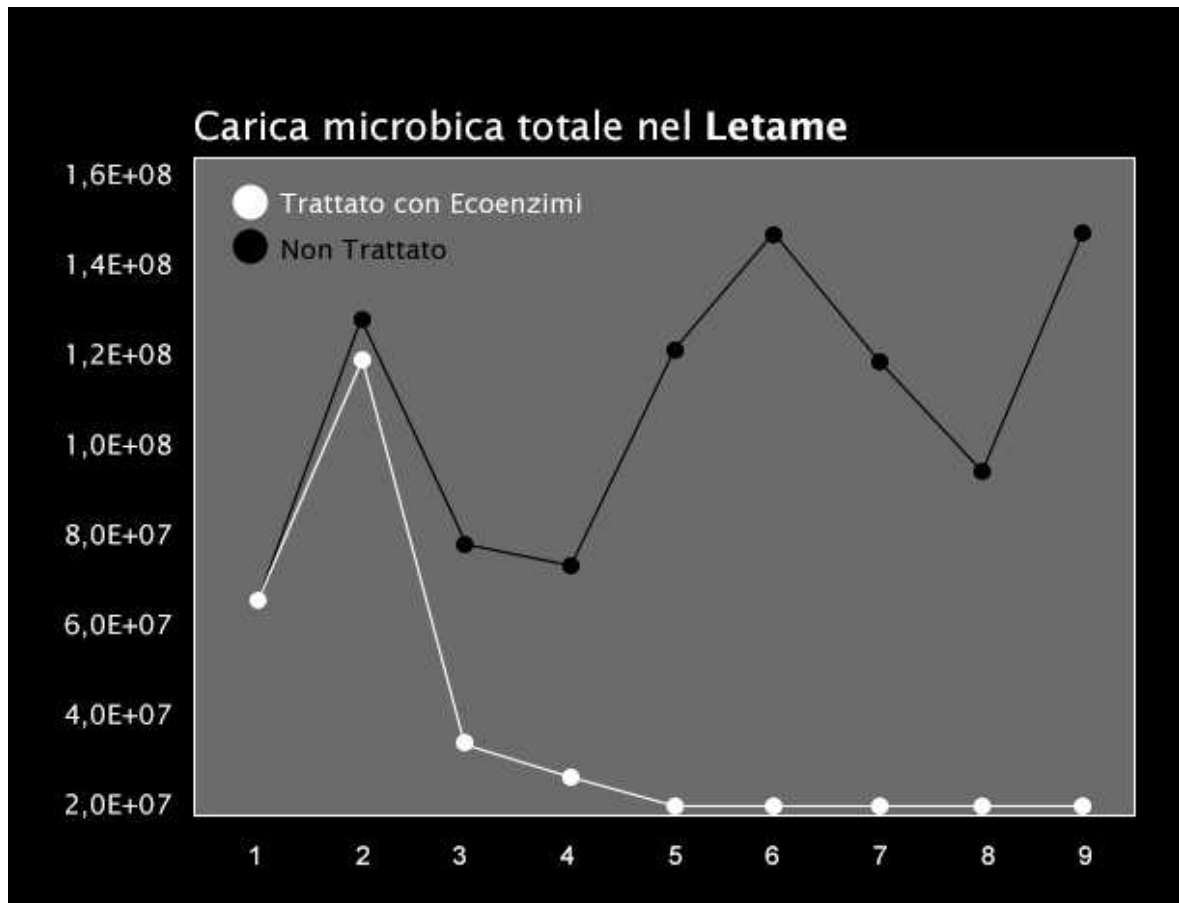
The enzyme mixture as it is distributed or sprayed with water on the litter or in the environment of horse breeding, reduce the gases that develop from feces and urine (ammonia, urea, etc.)..

The action of microorganisms present in the mixture of enzyme contrasts the population of environmental pathogens responsible for respiratory disease (Streptococcus equi, Rhodococcus equi, Pastorelli multocida, etc, gastrointestinal diseases (Salmonella, Actinobacillus equi, Rhodococcus equi, et.) Uterine pathology (Salmonella abortus equine, Candida albicans, E. coli, Staphylococcus aureus, etc..) breech and infections (fungi Hyphomycetes group, genera Trichophyton, Microsporum and Sporotrichum).

A healthier environment in terms of microbial allows a reduction of respiratory infections, stomach, skin and hoof. Zootechnical The product is based on enzymes and microorganisms, distributed on the straw, eliminates bacteria litter and environmental rearing.

Studies have shown you how the enzyme mixture zootechnical and manages to control the environment of breeding for at least 7 - 8 weeks from the first distribution. This shows that the treatment with enzyme mixture has a potential and vitality of two months.

3



Total microbial load found on beds of treated horses in the box and witnesses; ordinate is expressed in the microbial load and the abscissa time in weeks. Distribution of the product **ZOOTEC -E** is made every week for experimental reasons, but as you can see from the chart after two weeks, the microbial load is reduced by over 90%.

After treatment, the litter looks like a soft carpet, dry and free of pathogenic bacteria microbiologically. This methodology allows to keep the animals in a controlled environment and healthy, save straw and at the same time to sanitize the environment and clogs. The mixture of enzyme active fermentation aerobic and anaerobic bacteria that eliminate pathogens that produce ammonia, odorous gases and infections.



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

Reti di Distribuzione
Italia - Francia

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

As seen from! And images, the phenomenon of "worm of the foot" is characterized by a defect de! A wall that is dissected from underlying tissues. Ne! In English literature this syndrome is called disease de! A white line (white line disease WLD) or tip flours (seedy toe).

After treatment, the litter looks like a soft carpet, dry and free of pathogenic bacteria microbiologically. This methodology allows to keep the animals in a controlled environment and healthy, save straw and at the same time to sanitize the environment and clogs. The mixture of enzyme active fermentation aerobic and anaerobic bacteria that eliminate pathogens that produce ammonia, odorous gases and infections.

4

The disease of the hoof, commonly called worm disease of the foot or de! A white line is still a widespread problem that affects the foot of the horse. The disease can be described as a process keratolytic on the solar surface of hooves, characterized by a progressive separation of the inner area of the wall socket to determine the detachment and the uncovered part is invaded by bacteria and fungi infection. I cheratofili fungi and bacteria that inhabit the litter they find a suitable habitat where hygiene conditions are not met.

Moisture, urine, faeces and straw are a great breeding ground for germs that not only contaminate the hoof, but also the air that is breathed in order to also determine infection (pulmonary emphysema) in the airways of the horse.