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Probiotic
Livestock



Agreen Guard



Agreen Guard

A livestock probiotic supplement containing seven useful strains of bacteria (four lactobacillus and three other strains) that has beneficial effects on improvement and balance of ruminants' gastrointestinal microflora and eventually improves the performance.

Industrial ruminant husbandry conditions such as high density, production and feeding stress, management challenges, and the outbreak of infectious diseases suppress the immune system and have a negative effect on the microbial population balance of the gastrointestinal system. The consequences of such conditions are the proliferation of detrimental microorganisms, toxin production and, harmful metabolites that lead to decreased performance and increased mortality.

The advantages of Agreen Guard

- > prevention and control of diarrhea
- > Improvement and stabilization of gastrointestinal microflora
- > Better digestion and absorption of feed ingredients
- > Improvement of feed conversion rate
- > Increased weight gain
- > Shorter suckling period
- > Reduction of the effects of heat stress, vaccination, and disbudding
- > Strengthening the immune system (less mastitis and milk contamination, resistance against pneumonia)
- > allowing simultaneous consumption with antibiotics and anti-parasites

1

Functional mechanism

The bacterial content of Agreen Guard balances the gut microflora of the host animal. The ruminant gastrointestinal system contains a set of bacteria responsible for digestion, absorption, and processing feed ingredient. Agreen Guard probiotics help the development of useful microflora in the rumen and intestine and improve their performance.

2

By preventing the growth of many infectious microorganisms, Agreen Guard improves the immune system and decreases the harmful effect of stress.

3

The use of this probiotic does not have any effect on feed consumption but increases milk fat. Plus, lactobacillus and acidophilous bacteria increase milk production in dairy cows.

4

Moreover, the consumption of Agreen Guard reduces blood CO₂ and LDH levels, and thus the possibility of metabolic acidosis.

5

In beef calves, the usage improves weight gain, feed consumption efficiency, and carcass weight.

6

This probiotic also reduces the prevalence of disorders like diarrhea in calves and improves resistance against Johne's disease and pneumonia.

7

Moreover, lactobacillus bacteria have anti-mycotoxin activity and after binding, expel them from the ruminant digestive system. In this way, they prevent mycotoxins from subsiding on the intestine surface and entering blood and milk.



composition

Lactobacillus acidophilus
Lactobacillus bulgaricus
Lactobacillus plantarum
Lactobacillus rhamnoses
Bifidobacterium bifidum
streptococcus thermophilus
Enterococcus faecium
Dextrose

Amount of effective material

Total count=1 x 10⁸ CFU/gr
number of all probiotic strains

Consumption Level

Calf from birth to weaning:
In a normal condition 1-3 gr/day
In stress or diarrhea conditions 3-6 gr/day
For heifers and cows:
200 grams per ton of concentrate

Packing

Vacuumed 5 Kg Aluminum foil bag

Storage conditions

Keep in a cool and dry place away from direct sunlight.

Shelf life

24 months after production