

ButyRic

Coated Calcium Butyrate ^{Ca}90

In poultry productivity to maintain a healthy gut is of immense importance. Short chain fatty acids have an outstanding effect in maintaining gut health through their different area of action. Short chain fatty acid successfully maintains the gut health in the anterior part of gastrointestinal tract. The posterior part along with the caecum remains a challenge due to the inability of various short chain fatty acids to reach there in an undissociated form.

MODE OF ACTION

The Butyric acid in **Butyric Ca** enters the microbial cell in an undissociated form. Within the cell it releases protons in an alkaline environment which results the decrease of intracellular pH. This decrease of pH influences microbial metabolism by inhibiting the action of important microbial enzymes.

Microbial cells tries to excrete proton by using its energy and ultimately end up to death. **Butyric Ca** also supplies energy to the epithelial cells of villi to recover its damage caused by the enteritis.

BIOLOGICAL EFFECT

Butyric Ca increases the length of the villi at the ileum by 30%. This implies a major improvement of absorptive and digestive capacity and hence increases the body weight of the broiler.

Strengths : 90%

- Added flavor to reduce bad smell
- Free flowing easy to mix
- Slow release action at desired site of action
- Release in Duodenum in GI tract
- Calcium butyrate provides calcium need for animal & poultry.

ADMINISTRATION

Poultry : 0.100 kg to 0.500 Kg/ MT in final feed

Pigs : 0.300 Kg to 1.500 Kg/MT in final feed

Ruminants : 0.300 Kg to 1.500 Kg/Mt in final feed

PRESENTATION

1KG



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Maximize growth

with



Butyric