



# RumiCap

## Superior Feed Additive for Optimum Rumen pH

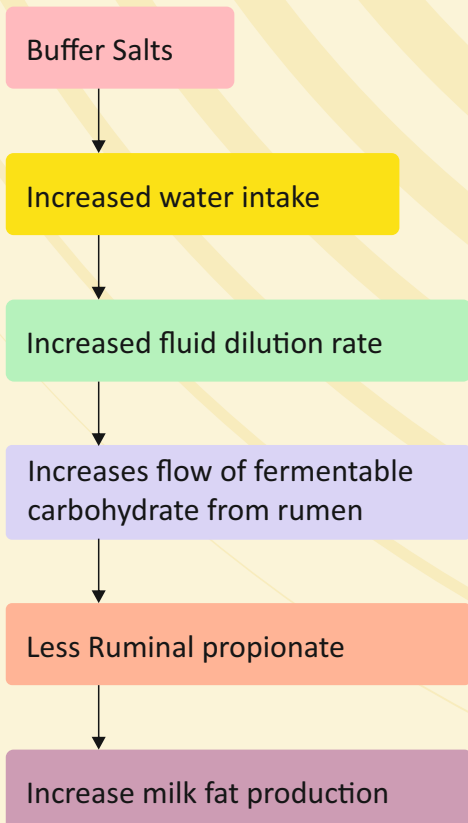
The functional health of the rumen is an essential requirement for productive behavior, encompassing livestock health and animal welfare. Under modern animal production systems, ruminants are fed high grain diets to maximize energy consumption and hence productivity. However, ruminants are adapted to digest and metabolise forage diets. Intensive fattening systems require rations containing high proportion of grains (corn, barley or sorghum), that upon reaching the rumen break down quickly producing large amounts of lactic acid that predispose to metabolic disorders.

The presence of large amounts of lactic acid in the ruminal fluid and its rapid entry into the blood system demand a great challenge from the buffering capacity of the ruminal intake and body fluids.

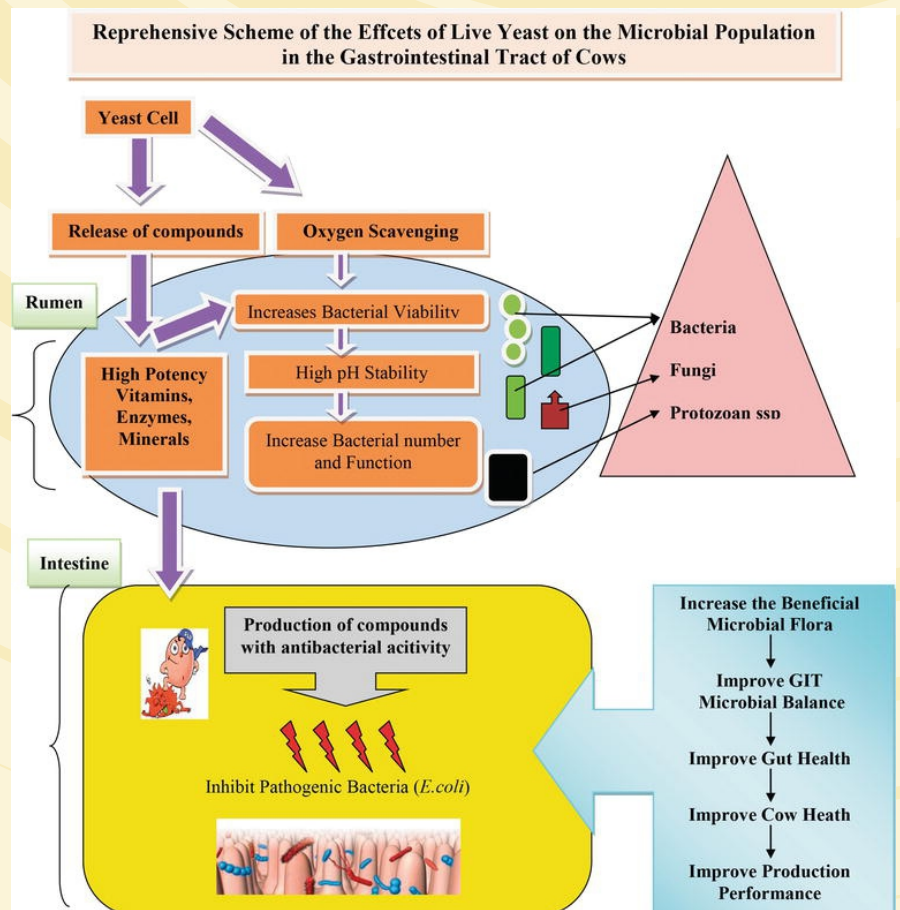
*RumiCap is an ultimate feed additive with distinguished combination of rumen buffers, live yeast, probiotics & metabolic modifiers exclusively designed for ruminants to control the incidence of Ruminal acidosis.*

### Effect of Buffers on Rumen

Buffers help to promote thriving rumen micro flora and fermentation, by resisting changes and maintaining optimal rumen pH.



### Effect of Live Yeast on Rumen



## Probiotics on Rumen

- Production of a wide variety of antimicrobial substances and inhibitory metabolites such as organic acids, bacteriocins, diacetyl, antibiotics and H<sub>2</sub>O<sub>2</sub>
- Production of nutrients (e.g. amino acids, vitamins) or other growth factors stimulatory to other microorganisms in the digestive tract and the host animal
- Competition with the pathogen for adhesion sites or nutritional sources
- Immunomodulation of the host
- Production and stimulation of enzymes

## Benefits

- Reduces incidence of sub acute ruminal acidosis
- Maintains ruminal pH and microflora activity
- Helps to improve fiber digestion
- Improves dung score and digestibility of feed
- Promotes dry matter intake
- Increases the bioavailability of protein & improves nitrogen utilization
- Maintains milk production & retains milk quality

## Recommended Usage:

### Cattle & Buffaloes:

- 50 g - 100 g per animal per day as top dressing
- 5 -7 kg/ton of feed with less than 35% grain content
- 7 kg - 10 kg/ton of feed with more than 35% grain content

**Presentation:** 1 Kg, 5 Kg, and 10 Kg Bags

## Metabolic Modifiers

Act directly on rumen microbes, altering the balance between the different microbial populations and the proportions of the Volatile Fatty Acids (VFA) they produce.

- Improves ruminant productivity by maximizing the efficiency of feed utilization.
- Helps to maximize the microbial fermentation
- Decreases methane production in favor of propionate to improve energy balance



Free From Hormones & Antibiotics

Animal Feed Supplement

Not For Medicinal use

Not For Human Use

# Catalyst LifeSciences Pvt. Ltd.

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DISPOSAL OF BAD AND OUTER PACKAGE: Do not contaminate water, food or feed by storage and disposal. Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or in accordance with guidance from your local waste regulation authority, such as by burning (if burned, stay out of smoke). When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present.

