



# RuminoFAT

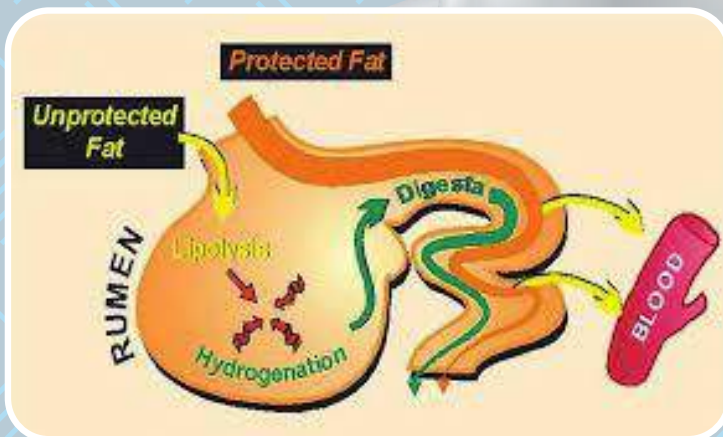
## Upgraded Blend to Uplift Milk Fat & SNF

RuminoFat is a well balanced combination of Bypass Protein and Bypass fat to improve milk yield, fat & SNF content of the milk.

Under field conditions, ration of crossbreed cows & buffaloes is energy deficient during early lactation period and often lose 80-100 kg body weight after calving. This leads to an economic loss to milk producer on account of less milk production and longer inter-calving interval.

### Bypass Fat

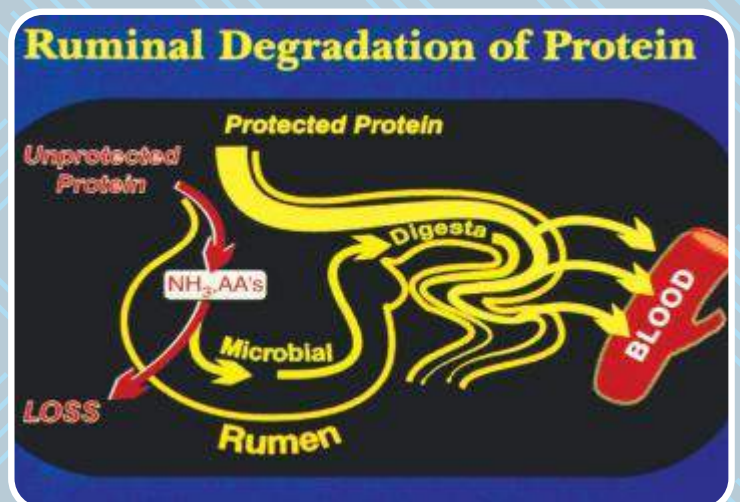
When raw edible oils are given as a source of fat for energy density in a ration at a certain proportion may affect the fiber digestion. So, supplementing fat in a rumen protected form, which can provide energy without affecting the fiber digestion in the rumen.



Bypass fat comprises fatty acids associated with calcium ions. The fat supplement thus formed is rumen inert and has low solubility and less susceptibility to bio-hydrogenation. Feeding bypass fat to early lactating animals increases milk & fat yield and ensures early conception.

### Bypass Protein

Rumen has very large number of bacterial population, which digests feed, straws & grasses. When, the protein meals are given, the major part of protein (60-70%) broken down to ammonia and then converted to urea in liver and excreted through urine. The bypass protein supplement provides essential amino acids, to be available for absorption at the small intestine resulting in a substantial improvement in productivity.



## RuminoFAT - Background

RuminoFAT is manufactured by cooking DOC or any protein source at around 100 to 120 degree temperature which triggers maillard reaction and at the same time it is saponified with fatty acids and calcium. Saponifying & cooking DOC or any protein source converts natural rumen-degradable protein into high quality undegradable (80% Bypass) protein thereby makes the protein more digestible or bioavailable (95% Digestibility) once it bypasses through rumen.

**RuminoFAT contains: Bypass Fat - 35%, Bypass Protein - 30%**

### Features of RuminoFAT

- Free flowing granules & high bypass rate
- Insoluble at room temperature
- Stable at pelleting temperature
- Ideal source of energy & protein
- Can be mixed with solid animal feed or feed supplements

### Recommended usage:

Cross Bred: 100 g - 150 g /day/animal

Buffaloes: 150 - 200 g /day/animal, or  
as suggested by Animal Nutritionist

**Presentation: 5 Kg and 25 Kg**

### Benefits of RuminoFAT

- Fulfill the nutrient requirement of high yielding animals
- Maintains positive energy balance
- Increases availability of essential amino acids
- Prevents metabolic disorders like ketosis, acidosis & milk fever
- Develops better resistance against diseases
- Enhances peak milk production & persistency of lactation
- Improves fat & SNF content of milk
- Increases productive & reproductive performance of animals



Free From Hormones & Antibiotics

Animal Feed Supplement

Not For Medicinal use

Not For Human Use

## Catalyst LifeSciences Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, HACCP Compliance Certified Company

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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.