

# Feeding Fats Beyond Energy™

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# FATELAC®

## Bypass Fat for Ruminants







Feeding fats to animals for energy is economical very viable due to higher calorific density. While feeding fats to monogastrics is relatively straight forward, some strategies are required when it comes to ruminants like dairy cows. Feed fats are offered in many forms but generally categorized into 2 main types.

Triglycerides – also commonly known as FAT BEADS is the scientific name that explains the most common molecular formation of oils and fats.

Calcium salts – have their development mostly due to a specific need in the ruminant industry to have a fatty acid product that will stay inert in the rumen.

The creation of a calcium salt using long chain fatty acids derived from palm oil provided an important solution for dairy cows.

The high milk yielding dairy cow is almost always in deficit when it comes to energy especially during the 1<sup>st</sup> third into the lactation period.



Fresh from birthing, hormonal promptings soon get the cow into a high milk production gear, often to the detriment of its body condition as insufficient nutrients and energy from feed for milk are boosted by the same; scavenged from the body of the animal. This condition of negative energy balance requires immediate address to support milk production, for reconditioning and for priming cows for fresh pregnancies and the prevention of metabolic diseases related to negative energy balance. Where energy contribution is concerned the use of Fatelac Range will definitely increase the energy density of feed.

### Providing Solutions that you can count on:





- High energy density feed supplement
- Bypass fats for reproductivity and health
- Feed safety assurances
- No animal content
- Recognized certification
- A reliable source

Dairies are spoilt for choice when it comes to selecting the most suitable bypass fats. Much is dependent on prices, milk prices, energy density, palatability, ease of handling and of late, specific contribution to output and reproductive health.

### Fatelac Range

Guaranteed Analysis	Fatelac99	Fatelac84
Crude Fat	99% Min	84% Min
Free Fatty Acid	90% Min	40 % - 49 % Min
Appearance	Off White to yellowish dry micro-prills of about 800 microns.	Brown Granules 0.3 - 3 mm
Calcium Content	–	8% - 10%
C16:0 Palmitic Acid	80% Min	–
Moisture	1% Max	5% Max
Melting Point	54-60°C	–
Ash at 85°C	–	14% Max
Recommendations	12 Weeks After Calving	Fed As Early As 3 Weeks Before Calving
Product Description	Fatelac 99 is made from freshly produced palm oil fractions for use as an energy source for ruminants. Fatelac 99 contains high content of C16:0 palmitic fatty acid which is known to increase milk fat content when fed to dairy ruminants.	Fatelac 84 is 1 <sup>st</sup> generation bypass fat with a balance of fatty acid profile that caters the energetic need for milk, recovery & reproductive health. It is still the undisputed choice for most dairies for its superior intestinal digestibility and low cost.
		

### Dosage

Species	g/head/day	
Lactating dairy cows	300 - 600	
Beef cattle	150 -300	
Sheep	40 - 80	
Goats	40 - 80	

### Benefits

- 2.25 times more energy than carbohydrates
- Increase energy density in feed
- Higher conception rates
- Increase milk yield
- Increase butterfat ratio
- Increase protein content in milk
- Return to positive energy balance quickly
- Quick priming for fresh cows to oestrus