

# NUTRAFAT-CA

**NUTRAFAT-CA** is a rumen protected fat that processed by saponification by long chain palm fatty acid.

This product is stable in the rumen without negative impact on rumen microbes. Once entering the abomasum, it dissociated into fatty acid and calcium ion due to the low pH condition. Released fatty acids are easily absorbed in the intestines.



Improving milk fat percentage and milk quality



Minimizing body weight loss and maintaining body condition



Reducing incidences of ketosis and fatty liver



Increasing weight gain



Improving fertility and shortening calving interval



Alleviating impact of heat stress

## Functional Properties

Cost-effective energy source

100% vegetable oil based fatty acid are used, free of animal origin.

No hydrogenation and free trans fatty acids

Easy storage, handling, and dosing

Perfect in rumen bypass and digestibility

No influence on the rumen microorganisms

## Practical Benefits

- ✓ Increasing milk yield
- ✓ Improving milk fat percentage and milk quality
- ✓ Minimizing body weight loss and maintaining body condition
- ✓ Improving fertility and shortening calving interval
- ✓ Reducing incidences of ketosis and fatty liver
- ✓ Increasing weight gain
- ✓ Alleviating impact of heat stress

# NUTRAFAT-CA

## Energy Value

Parameter	NUTRAFAT CA
NEL- Mcal/kg	5.9

## Application

Mixing with other ingredients to produce premixes, concentrated and complete feeds or specialty products.

## The Dosage

Optimal dosages are dependent upon the breed, age, productive stage and level and feed formulation.

	Milk Yields (kg/cow/year)	Dosage (gram/cow/days)
Dairy cows	> 8000	500 - 800
	5000 - 8000	300 - 500
	< 5000	100 - 300
Beef Cattle		2 - 4% (in concentrates)
Sheep		1 - 3% (in concentrates)

## Packaging

25kg Paper bag with PP-Woven Inlay

## Storage

Store in a cool and dry place, in original unopened bags, without direct exposure to sunlight.

## Shelf-life

Minimum 18 months after the production date

## Product Specifications

Appearance	Free flowing granules
	
Colour	Beige brownish
Fat Content, %	≥ 82.0
Ash Content, %	13
Calcium Content, %	8
Moisture, %	≤ 5
Fatty Acid Composition, %	
C14:0 and below	≤ 1.5
C16:0	≥ 45
C18:0	3-6
C18:1	≤ 38
C18:2	≤ 8
C20:0 and above	≤ 1



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