

NL100

RUMINANTS BYPASS FAT

Partly Hydrogenated palm fat without trans fatty acid & rich in palmitic acid C-16.

FUNCTIONAL PROPERTIES



Cost-effective energy sources



Pure vegetable fat fraction



Perfect in rumen by-pass



Being able to improve pellet quality.

NO

✗ NO influence on the rumen microorganisms

✗ NO association due to lower rumen pH

PRACTICAL BENEFITS

- ★ Increasing 2 - 4 kg milk yield per cow per day
- ★ 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



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Energy Value

Parameter	NL100
NEL- Mcal/kg	6.35

Product Specifications

Appearance	Free flowing powder
	
Colour	Whitish
Fat Content, %	≥ 99
Slip Melting Point, °C	56 - 60
Iodine Value	13 - 19
Free Fatty Acid, %	≤ 0.5
Fatty Acid Composition, %	
C14:0 and below	≤ 1.5
C16:0	≥ 75
C16:0 + C18:0	≥ 80
C18:1	9 - 16
C18:2	2 - 5
C20:0 and above	≤ 1

Application

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

The Dosage

The optimum dosage of NUTRAFAT NL-100 is dependent upon species, dietary energy concentration, lactation stage and milk yields of dairy cows.

	Milk Yields (kg/cow/day)	Dosage (gram/cow/day)
Dairy cows	> 8500	500 - 800
	5500 - 8500	200 - 450
	< 5500	150 - 300
Beef Cattle		2 - 5% (in concentrates)
Sheep		1 - 3% (in concentrates)

Packaging

25kg Paper bag with PP-Woven Inlay
650 kg PP woven jumbo bag

Storage

- Store in a cool and dry place, in original unopened bags, without direct exposure to sunlight.
- Soft lumping may happen if it is stacked too high with many bags.

Shelf-life

Minimum 18 months after the production date



Manufactured by:

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