

NL100C

SUPER PREMIUM RUMEN BY PASS FAT BETA CAROTENE



NutraFat NL-100C is the **natural carotenes on vegetable triglycerides** in the rumen-stable from which are highly available and bio-potency to animals.

The product is manufactured by the micro-encapsulation technology. Fat-encapsulated carotenes are well protected in the rumen and highly released in small intestines.

Suitable for ruminant and monogastric



Cow



Buffalo



Goat



Swine

Main compositions

Beta Carotene, Vitamin E and palm fat fraction

Functional Properties



The fats and beta-carotenes play synergetics roles in improving milk production and reproductions.



The natural beta-carotenes and fat fractions are originated from pure vegetable oils and highly absorbed in the small intestines.



Its carotenes have high bio-potency in biological functions.



Fat fraction are stable in the rumen.

Practical Benefits

Supplement the rumen-protected fats and beta-carotenes to ruminants at the same time.



Improve oestrus behaviors and ovulation, increase pregnancy rate and decrease incidences of reproductive problems, embryonic death and early abortion.

Strengthen immune system and enhance resistance to stress and infection diseases.



Increase milk yield, milk fat levels and daily weight gain, improve feed conversion and meat quality.

NL1000G

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Application

Mixing with other ingredients to produce premixes, concentrated or TMR feeds or top-dressing.

Dosages

Dairy cow
200 - 500g/day



Beef cattle
100 - 250g/day



Product Specifications

For use in compound feed industry

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.

Typical Fatty Acid Composition in %

C-14:0 and less	Max 1.5
C-16:0 Palmitic acid	Min 75
C-16:0 Palmitic acid + C-18:0 Stearic acid	Min 80
C-18:1 Oleic acid	9 - 16
C-18:2 Linoleic acid	2 - 5
C-20:0 and more	Max 1

Technical Data

Total Fat Content	Min 99%
Carotene content	Min 200ppm
Moisture & Impurities	Max 1%
Melting Point	56 - 60°C
Iodine Value	Max 18
FFA	Max 5%
Colour	Orange Yellow
Appearance	Free Flowing Beads



Packaging

25kg Paper bag with PP-Woven Inlay

Shelf-life

12 months after production date



Manufactured by:

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