



## Habilac™ is the First Organic High-Quality Palm-Based Bypass Supplemental Fat for High-Producing Organic Dairy Cows



### BACKGROUND

Habilac is a **high-quality bypass supplemental fat**, providing energy and **important long-chain fatty acids** for production and reproduction of high-producing dairy cows. **Habilac** is the first **Organic Palm-Based** calcium salt that provides mainly palmitic and oleic acids which research shows to be important to **maximize dairy cow performance** and modulate energy partitioning.

- 100% Organic, Fully Traceable and Transparent ingredient supply chain, with palm fruit sourced from Independent Farmers.



### BENEFITS

- **Habilac** granules stay intact until they reach the abomasum.
- **“Rumen-Protection”** reduces the risk of reduction in fiber digestibility and enables more of the unsaturated fatty acids to pass to the small intestine. Once the fatty acids and calcium have reached the small intestine, they can be digested and absorbed by the animal.



- More unsaturated fatty acids (Oleic Acids) are available for absorption. Oleic Acids **help cows to slow the loss of body fat after calving**. Palmitic Acid **helps increase milk production** (without affecting dry matter intake). Additionally, Oleic Acids may **increase yield of milk and milk components** in high producing, post-peak cows\*.
- The most limiting nutritional component in diets for high-producing dairy cows is energy. Palmitic Acids provide an **all-over energy source**, plus have unique and specific functions for lactating dairy cows.\*\*
- **Habilac** provides the **perfect balance** of C16:0 (Palmitic Acid) and C18:1 (Oleic Acid) which helps **increase the body condition (and BCS) of lactating cows, improve yields, increase butterfat, increase fertility and decrease methane emissions**.

\* Michigan State University

\*\* Department of Animal Sciences, University of Illinois, Urbana

**PRODUCT NAME**

**Habilac** – Organic Rumen Bypass Fat

**APPLICATIONS**

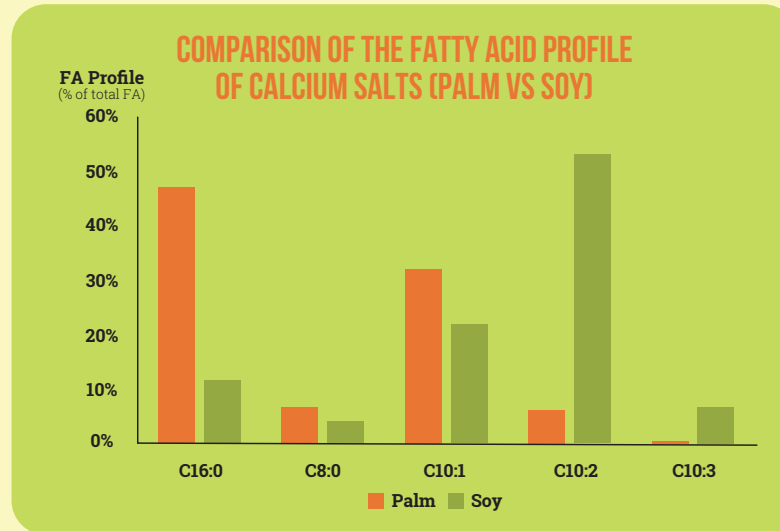
Nutritional high-quality, palm-based bypass supplemental fat for dairy cows

**FEEDING DIRECTIONS**

Feed at 1.7% of dry matter intake to high producing cows, or according to the recommendations of an Animal Nutritionist. Do not exceed 3% of total dry matter intake.

**STANDARD ANALYSIS**

	% DM	
Dry Matter	95	
<b>FATTY ACIDS</b>	<b>% DM</b>	<b>%TFA</b>
Ether Extract	85.0	–
Total Fatty Acids	82.0	–
Calcium	6.0	–
C16:0	37.0	45.0
C18:0	4.3	5.2
C18:1 cis-9	30.0	37.0
C18:2 cis-9, cis-12	7.1	8.6
C18:3 cis-9, cis-12, cis-15	0.2	0.3
Other	3.1	308



**COUNTRY OF ORIGIN**

Ecuador/USA

**PACKAGING OPTIONS**

2,205 lb Big Bags on individual pallets or 25 kg Paper Bags (40 bags per pallet)

**SHELF LIFE**

18 months in optimum storage conditions

**STORAGE CONDITIONS**

Keep in cool, dry place, store in areas free of moisture and pests. Ensure proper product rotation.

Natural Habitats is known for **Palm Done Right** – a movement of growing and producing Organic Palm Oil in a way that nurtures people, animals, habitats, community and environment.

Natural Habitats works with LaFabril in Ecuador, using State-of-the-Art technology to develop high-end products and solutions for our clients.

**100% USDA ORGANIC**

**FULLY TRACEABLE**

**WILDLIFE FRIENDLY**

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