Endulac® CLA
Enduring performance in dairy cows
Endulac® CLA
supports dairy cows during transition period

After calving the cows often get into an energy gap. This is caused by too low dry matter intakes in the beginning of lactation and an increase of the milk yield at the same time. The energy level of the feed intake is not sufficient for the produced milk volume, therefore the energy balance is negative and the cow needs to mobilize body fat.

In succession of the negative energy balance numerous health problems like retained fetal membrane, metabolic disorders and fatty liver can occur. This can lead to difficulties at the onset of lactation and fertility problems.
By temporarily reducing the milk fat in a controlled manner, **Endulac® CLA** contributes to a relief of the energy balance in the stage of early lactation. Subsequently the metabolic situation stabilizes and the dairy cow’s lifetime performance as well as the longevity improve.

**BTC – stands for expertise**
What effects can a negative energy balance have on dairy farms?

Diseases and problems connected to NEB (negative energy balance)?

- Fertility problems
  - ovarian cysts
  - retained fetal membrane
  - metritis
  - delayed ovulation
  - poor conception rate
- Metabolic disorders
  - fatty liver disease
  - displaced abomasum
  - rumen acidosis
- Mastitis
- Claw and limb disorders
- Decrease in milk production
- Impaired animal welfare and economical disadvantages
  - negative impact on the welfare of dairy cows
  - off-farm movements of sick animals
  - loss of time because of caring for sick animals
  - additional stress and frustration for the farmer
What are conjugated linoleic acids?

Linoleic acids (conjugated linoleic acid = CLA) are a group of polyunsaturated fatty acids. The highest biological activity of the dairy cow is assigned to the Isomer trans-10,cis-12 configurations. By eating fresh grass conjugated linoleic acids are naturally produced in the rumen through the activities of the rumen flora. The conjugated linoleic acid in Endulac® CLA is based on natural sunflower oil.
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