

# LOVIT

## LOVIT LC-ENERGY

The energy tonic for critical phases with metabolic disorders in poultry flocks.

### Convincing advantages:

- improves feed conversion
- helps the chicks off to a perfect start
- strengthens liver and kidney metabolism



## Optimal feed conversion – Basis for economic flock management.

There is great potential for raising performance in modern poultry production providing that the ever-increasing challenges can be overcome. Birds are stressed from management related factors such as changes of housing, feed composition and presentation, or vaccination. In addition, the high genetic potential poses some physiological stress, as well as seasonally elevated temperatures. Nutritional support in sensitive phases of production is essential to main-tain an efficient feed conversion, e. g. in broilers at placement and during most rapid growth phases, and in laying hens at onset of laying and peak of production.



**Energy metabolism – Key to reach performance goals.** Energy in feed is a major cost factor. Poultry diets typically provide one part of this energy in the form of high priced fats and oils. In order to make the best use of these valuable energy sources, a smooth lipid metabolism is one prerequisite.

- L-carnitine is essential for the transport of free fatty acids (FFA) as an energy source into the mitochondria. Inside the mitochondria it is responsible for buffering excess FFA.
- Betaine, a known lipotropic factor, protects the liver and helps to main-tain cellular osmolality during heat stress.
- Sorbitol provides the body with rapidly available energy via the liver while magnesium is an important cofactor in many enzymatic reactions, including ATP-generating reactions.

**LOVIT LC-Energy – One tool for successful poultry production.** LOVIT LC-Energy Liquid is an ideally balanced formulation consisting of L-carnitine, betaine, sorbitol and magnesium for application via drinking water. It improves the utilization of feed energy in case of metabolic problems during all critical periods in poultry production. LOVIT LC-Energy also stimulates the intake of feed and water and has a positive influence on the functions of the liver and kidneys.

**Composition:** Magnesium sulphate, sorbitol, sodium chloride

Additives	mg/litre
L-Carnitine	25,000
Betaine	50,000

**Recommended dosage:** 1 - 2 litres per 1,000 litres of drinking water for a period of 2 - 5 days, repetition as required.

**Standard packaging:** 5 litre canister (4 x 5 litres per carton box), 1 litre bottle (12 x 1 litre per carton box)

