

COMPLEX 0.5

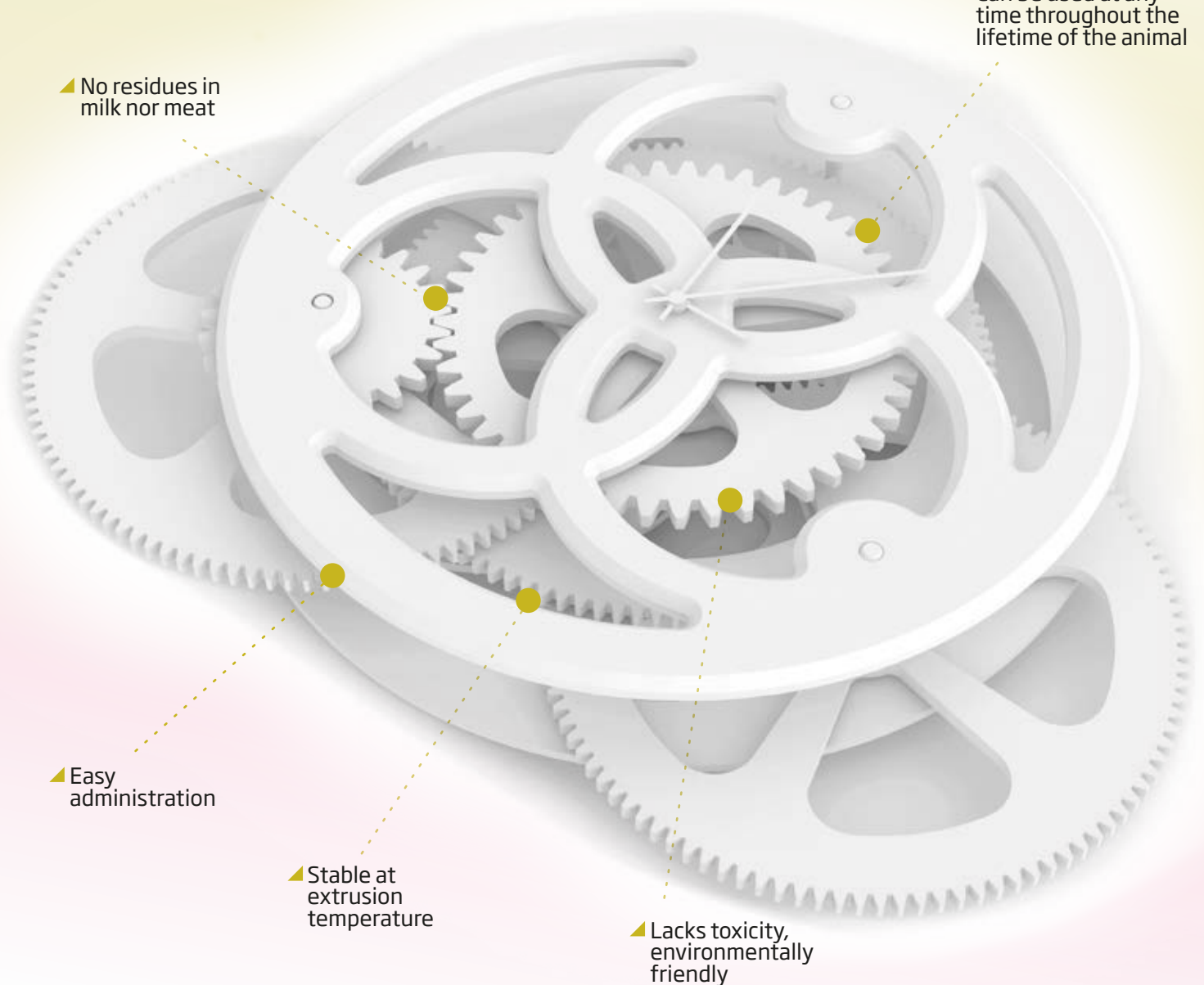


THE PERFECT RUMINAL BALANCE

- ▲ STABILIZES **RUMEN PH**
- ▲ IT CONTRIBUTES TO PREVENTING BOTH CLINICAL AND SUB-CLINICAL **ACIDOSIS**
- ▲ INCREASES FOOD INTAKE AND CONTROLS **KETOSIS**
- ▲ INCREASES **DIGESTIBILITY**
- ▲ IT HELPS CONTROL **PROTOZOA AND BACTERIA GRAM+** (COCCIDIA AND CLOSTRIDIUM)
- ▲ BETTER ADAPTATION TO HEAT
- ▲ **ANTIOXIDANT ACTIVITY**

▲ Can be used at any time throughout the lifetime of the animal

▲ No residues in milk nor meat



▲ Easy administration

▲ Stable at extrusion temperature

▲ Lacks toxicity, environmentally friendly

EFFECTIVE FOR YOUR ANIMALS, PROFITABLE FOR YOU

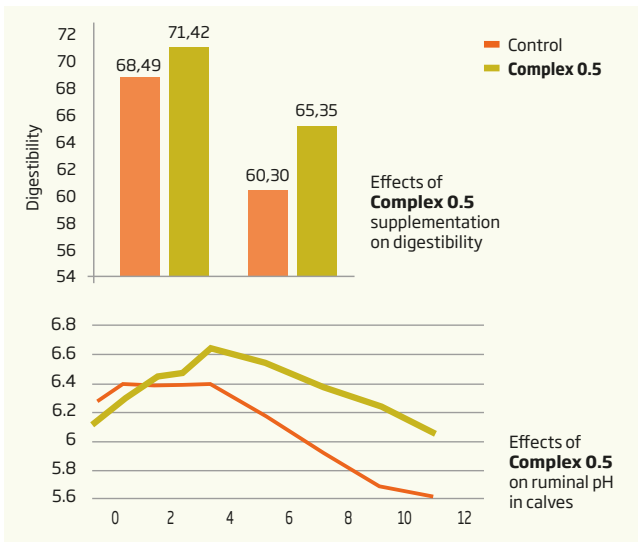
COMPLEX 0.5

Complex 0.5 is based on cashew oil, an oil with proven antimicrobial, anti-inflammatory and antioxidant action.

Complex 0.5 helps in the specific and selective control of ruminal bacterial flora, mainly protozoa and Gram-positive bacteria, ensuring an optimal control of ruminal pH, preventing both clinical and sub-clinical acidosis.

Complex 0.5 provides an efficient ruminal environment that enhances fermentation and improves feed efficiency:

- ▲ Better intake
- ▲ Better fiber and starch digestion digestibility
- ▲ Better protein utilization
- ▲ Decreases methane production



▲ **USE IN ALL SPECIES**

MODE OF USE

0.5 - 1.5 Kg/Ton

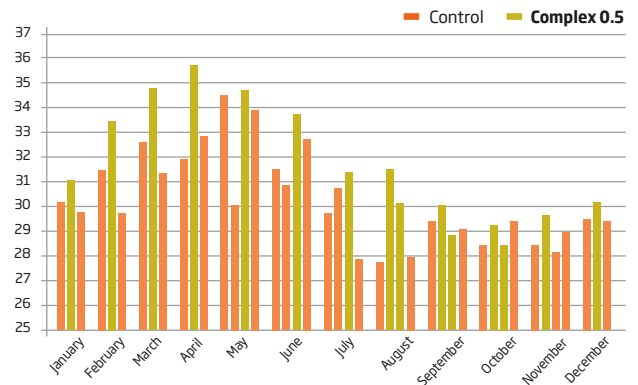
PRESENTATION

Complex 0.5 powder: bags 20 kg



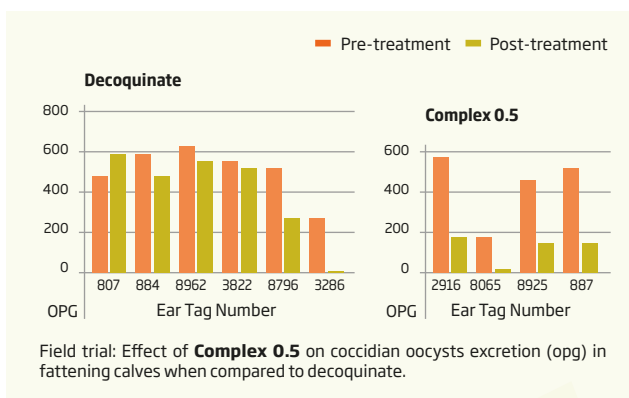
By controlling bacterial flora in the rumen, volatile fatty acid production is increased, improving **propionic acid** production. Propionic acid is a precursor of the glucose, and so **Complex 0.5** provides a greater energy input.

| mM | Monensine | Complex 0.5 | Effects of Complex 0.5 on volatile fatty acid (VFAs) production. High starch diet |
|----------------|-----------|-------------|--|
| Acetic acid | 48.56 | 56.09 | |
| Propionic acid | 27.01 | 34.22 | |
| Butyric acid | 15.38 | 16.64 | |
| VFAs total | 97.93 | 108.26 | |



Trial on Dairy Cows. Average milk production per cow (L) during the trial period with **Complex 0.5** when compared to the control period.

Its antimicrobial activity helps to maintain intestinal health and balance of the digestive flora in young animals. **Complex 0.5** represents a natural alternative for the control of coccidiosis.



Veterinarians and Nutritionists experts in dairy ruminants

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Our focus is the research and development of nutritional additives exclusively for ruminants. Our goal is to ensure farmers quality of life by providing our advisory services to farms, together with competitive and efficient formulations, that offer optimal solutions for a constantly changing sector.