

PACKAGING

- 25 kg

OPTIPRO®

Improving the efficiency of protein utilization

OPTIPRO® is a judicious additive combination designed to provide rumen protection to dietary protein and thus improve availability for ruminants.

FEATURES

- Reduces protein degradation in the rumen by limiting microbial attacks.
- Promotes protein digestion in the gut and enables ruminants to achieve maximum nutrition from their feed.
- Decreases ammonia buildup in the rumen and that of urea in the liver.
- Ensures metabolic conditions beneficial to digestive well-being and limiting decreases in rumen pH.
- Improves zootechnical performances: milk, protein component and flesh condition.
- Reduces the cost of protein inputs purchased.
- Improves feed efficiency.

COMPOSITION

Mixture of essential oils, tannins, mineral salts.

INSTRUCTIONS

To be incorporated into ruminant feed at the following target doses:

- Dairy cow: 100 gr/cow/day
- Ovine and caprine livestock: 18 gr/head/day

Assessment and validation testing of OPTIPRO® and impact of its incorporation in dairy cow and in livestock feed

For the purposes of this evaluation, we have introduced **OPTIPRO®** in the feed of 1290 dairy cows on 12 farms. The study lasted for 5 weeks.

The purpose of this test was to validate the efficacy of **OPTIPRO®** in reducing the degradability of total feed protein and protecting, as well as increasing, their availability during intestinal absorption. The test also assessed the value added for optimum technical and financial results.

Feed used is mainly composed of the following:

- Grass silage (alfalfa and gramineous crops).
- Corn silage.
- Corn grain, corn gluten, wheat, etc.
- Soya and/or canola meal.

Selected ration criteria for the first 50 days of lactation:

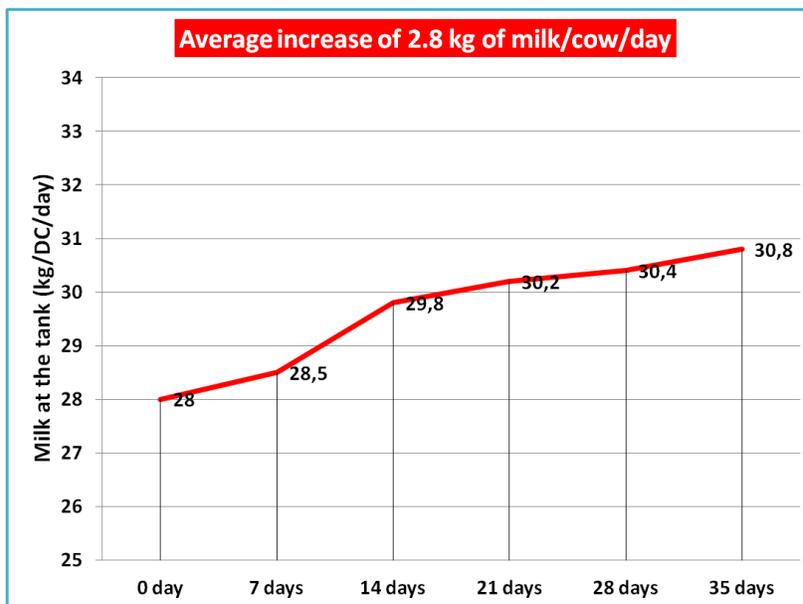
- Crude protein, maximum 16% (greater than 70% degradability, ranging from 70-75%).
- Milk energy, 1.70 % minimum.

Another aim taken into account is the use of protein sources from simpler and cheaper ingredients, even if those are every degradable.

AVERAGE RESULTS ACHIEVED ON 12 TESTED FARMS AND MORE THAN 1290 COWS

An average production gain of +2.8 kg / cow / day, an increase in the protein level from +3 to +4% and a decrease in milk urea level.

The return on investment is \$10.00 for every \$1.00 invested, if we take into account the increase in milk production and the distinct possibility of lowering the cost of protein purchased inputs.



**SYNERGIE EUROBEC
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in animal production

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