



IMPROVING FEED EFFICIENCY WITH VIVACTIV®

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Improving feed efficiency without affecting performance through feed supplementation is an effective way to limit the feed cost per liter of milk produced. Vivactiv® has been developed for more than 20 years by the CCPA group in partnership with French and international research institutes. Vivactiv® can be incorporated into compound or mineral feeds or directly into the ration.

The Vivactiv® range is a range of natural feed solutions based on phytogetic and mineral raw materials. It has been developed in partnership with the INRAE research institute in France and the IGM institute in Spain and has been the subject of numerous publications on the mode of action as well as the zootechnical results.

Vivactiv® acts on the entire digestive tract to improve digestion efficiency.

- Stimulation of salivation
- Increase of energy and proteins produced by the rumen flora
- Increase in bypass proteins
- Increased intestinal digestion through stimulation of pancreatic enzymes

On average, the energy yield is improved by 5% and the nitrogen yield by 10%. Thus, it is possible to reduce the intake of the ration for an identical level of milk production. It also allows to

favor lower quality and more economical sources of raw materials.

Depending on the level of production and the amount of complementary nitrogen, Vivactiv® saves 5 to 11g of protein per kilo of dry matter ingested. This means an average saving of 120 kg of soybean meal over a lactation. This saving in protein also leads to a reduction in nitrogen emissions. On average, Vivactiv® reduces ammonia emissions by 10%.

In a herd of 130 cows, Vivactiv® reduces the use of soybean meal by 15.4T and ammonia emissions by 350 kg per year. The economic gain is about 12000 € per year, Vivactiv® cost deducted.



Improving feed efficiency leads to a double benefit. First, financial (lower feed costs), and second, environmental (lower waste). Vivactiv® contributes to two major and growing global concerns.