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Rising commodity prices: an elegant solution!

Agriculture commodity prices (e.g. corn and soy prices) are rising rapidly at a time of very good global demand and adverse weather in high producing countries. According to financial agricultural specialists, future heightened volatility is to be expected. To improve competitiveness of animal production, it is of critical importance to reduce feed cost. Improving the digestibility of feed enables the production of energy diluted feeds without impacting the performance.

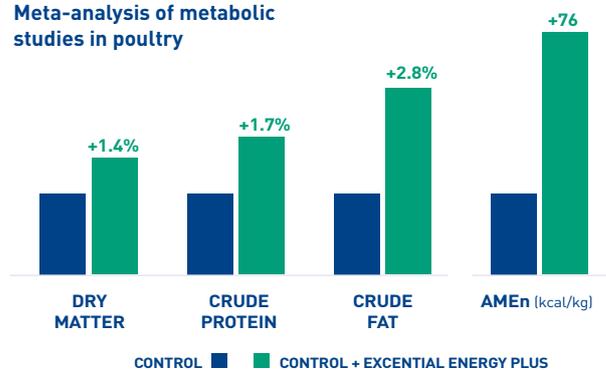
Excential Energy Plus, as a nutritional emulsifier, is able to increase the digestibility of feed. By improving emulsification of fats inside the gastro-intestinal tract, it has a positive effect on their digestibility. Next to that an improved crude protein and dry matter digestibility have been reported.

By implementing Excential Energy Plus and its matrix value (e.g. AMEn = 128,500 kcal/kg) in your feed formulation program it is possible to produce energy reduced and cheaper diets without impacting performance. In light of increasing raw material prices, the effect of the nutritional emulsifier provides an opportunity to reduce the negative impact on feed prices. An exercise in Least Cost Formulation (LCF) learns that the benefit of implementation of Excential Energy Plus, in wheat-soy and corn-soy diets, becomes even bigger at higher raw material prices.

The matrix value of Excential Energy Plus depends on the crude fat (CF) level in the feed. With a higher amount of total fat, a higher matrix value can be introduced into the feed formulation program (e.g. 217,000 kcal/kg, 7.5% CF).

The application of Excential Energy Plus is supported by a wide range of scientific studies.

Meta-analysis of metabolic studies in poultry

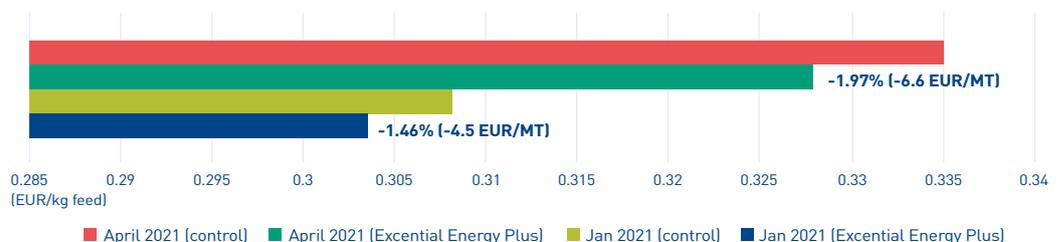


Excential Energy Plus

- Nutritional emulsifier
- Saves energy in the diet
- A proprietary and unique blend of GPGR [E484]
- Optimal HLB value
- Efficient in various types of diets
- 12 scientific abstracts
- 1 PhD thesis



Average (Jan 2021) and high (April 2021) raw material prices - Excential Energy Plus (128,500 kcal/kg, 4.5% CF)



For more information please visit our website and contact one of our specialists (www.orffa.com).

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