



## EXCENTIAL ENERGY PLUS – EFFICIENT NUTRIENT UTILIZATION IS YOUR KEY TO COMBAT HIGH FEED PRICES

Nutritional emulsifiers are known for their effect on energy digestibility, especially in poultry. Increased fat digestion is of main focus, but the digestibility of other nutrients (e.g. crude protein) is also increased. A 'meta-analysis' was performed to determine the effects of a specific nutritional emulsifier on general digestibility of nutrients.

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### Excential Energy Plus – All your farmed animals benefit from a nutritional emulsifier

Several trials have shown the benefit of nutritional emulsifiers in broilers. In order to better understand the effect in other animal species, an extensive research project was set up by Orffa. A total of 8 trials were set up around the world, in coordination with several research institutes, to investigate the effects and applications in laying hens, turkeys, growingfattening pigs and fish.

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### Excential Energy Plus - Feed efficiency is about emulsification

Increasing the energy efficiency of fats and oils will contribute to more economical and sustainable animal production. Feed represents up to 70% of the total cost of animal production in modern capital-intensive systems. Within feed, energy is the major cost component in diets for high-performing animals. Energy is the critical dietary constituent that supports maintenance, as well as tissue growth.

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Orffa  
**FEED EFFICIENCY SOLUTIONS**



Discover all ins and outs of our third generation nutritional emulsifier, Excential Energy Plus, in our **Emulsifier Academy Booklet!**

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### Excential Energy Plus saves feed cost

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.



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### GOLDEN RULE IN EMULSIFIER CHOOSING

Emulsifier should be selected according to the environment in which to be active.

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