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Excential Energy Plus, a cost saving measure in volatile times!

The global market is experiencing moments of great tension in several sectors. Looking at the animal feed production sector, importation of raw materials becomes more difficult/expensive. To improve competitiveness, it is of critical importance to be able to produce less costly feed without impacting performance. Excential Energy Plus, as a nutritional emulsifier, is able to increase the energy digestibility of the feed (see figure). 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 can be seen as well.

By implementing Excential Energy Plus and its matrix value (e.g. AMEn = 200,000 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 import costs, the effect of the nutritional emulsifier provides an opportunity to reduce the negative impact on feed prices.

Excential Energy Plus has been tested in a variety of diets, with a variety of fat sources and in different animal species.

Improving the digestibility of raw materials and energy

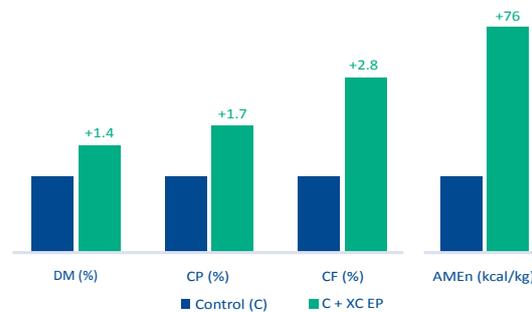


Figure: Improving the digestibility of dry matter (DM), crude protein (CP) and crude fat (CF) and apparent metabolizable energy corrected for nitrogen (AMEn) by supplementing Excential Energy Plus (XC EP).

Return on investment* (in energy-reduced diets) is depicted in the table below

| Broilers | Laying hens | Turkeys | Growing-Fattening pigs |
|----------|-------------|---------|------------------------|
| 4:1 | 3:1 | 3:1 | 7:1 |

*Return on investment (ROI) = Revenue of investment in Excential Energy Plus : Cost of Investment in Excential Energy Plus

Application of Excential Energy Plus is supported by a large range of scientific studies. For more information please visit our website and contact one of our specialists (www.orffa.com)



Excential Energy Plus improves energy digestibility of feed



Using Excential Energy Plus means saving energy which reduces feed costs



Using Excential Energy Plus in energy reduced feeds does not impact performance and delivers a high return on investment



Above arguments are also valid during an economic upswing!

Engineering your feed solutions

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