

FRA[®] LECIMAX

Improve Nutrient Efficiency

- » Nutrient digestibility
- » Improved emulsification
- » Enzymatic potential
- » Nutrient absorption



NUTRIENT DIGESTIBILITY

ADISSEO
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FRA® LECIMAX

Improve Nutrient Efficiency

FRA® LeciMax is a source of hydrolysed lecithin, also called lysolecithins. Lysolecithins act as a biosurfactant and are known to effectively improve nutrient efficiency by enhancing nutrient digestibility and nutrient absorption.

NUTRIENT DIGESTIBILITY

Lysophospholipids in FRA® LeciMax improve emulsification of fat and oils by supporting bile acids and phospholipids in the emulsification of dietary fat, forming an **oil-in-water emulsion**. Through their emulsifying action they enhance the enzymatic potential of both lipolytic and non-lipolytic enzymes leading to an improvement of nutrient digestibility.

NUTRIENT ABSORPTION

Lysophospholipids in FRA® LeciMax promote the formation of small and stable mixed micelles. **Mixed micelles** can pass easily through the unstirred water layer surrounding the intestinal cells, delivering more nutrients to the enterocytes for absorption. Lysolecithins also interfere with cell membranes of intestinal cells, increasing their **permeability** and resulting in maximal nutrient absorption.

All these features of FRA® LeciMax result in improved nutrient efficiency, increasing the animal's performance.

COMPOSITION

- » Lysolecithins

CHARACTERISTICS

- » Available in dry & liquid
- » Also in IP (non-GMO)
- » Free flowing and non-caking
- » Neutral taste and odour
- » Heat-stable
- » Available in 20 kg bag, 1000 kg big bag and bulk

DOSAGE

- » **Broilers:** 0.25 - 0.5 kg/ton
- » **Laying hens:** 0.25 - 0.5 kg/ton
- » **Sows:** 0.5 - 1 kg/ton
- » **Piglets:** 0.5 - 1 kg/ton

For specific dosage advice, contact your technical salesperson

FRA® LeciMax Dry can be added on top of the diet or applied by reformulating the diet, reducing fat and amino acid content using the nutritional matrix.

BROILERS

WEIGHT

End weight

+2.2%



GROWTH

Growth rate

+2.8%



FCR

Reduced Feed Conversion Ratio

-2.3pnts



WEANED PIGLETS

ADWG

Increased Average Daily Weight Gain

+8.6%



ROI

Return on Investment

+57.7



FCR

Reduced Feed Conversion Ratio

-11.6pnts



SOWS

BACKFAT

Backfat Reduction

-7.9%



ROI

Return on Investment

+21.7



STILLBORN

Still born piglets

-36.8%



Above results show average values compared to the control group.

Data from this flyer is based on our current knowledge and experience. Since many factors can affect the performance of our product during and after application, processors are responsible for conducting their own tests and investigations. Certain statements or product associated claims may not be applicable in all geographical regions and can differ upon local governmental requirements.

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