

# FRA<sup>®</sup> DIGEST HEALTH

Improve Nutrient Efficiency and stimulate Intestinal Health

- » Nutrient digestibility
- » Nutrient absorption
- » Intestinal integrity
- » Control pathogens



INTESTINAL EFFICIENCY

ADISSEO  
A Bluestar Company

# FRA® DIGEST HEALTH

## Improve Nutrient Efficiency and stimulate Intestinal Health

Lysolecithins are known to improve nutrient efficiency when added to the feed formula. Optimal effects are achieved when animals have a healthy and well-developed intestinal tract. Therefore, FRA® Digest Health combines lysolecithins with specifically selected glycerides of butyric acid and lauric acid.

## NUTRIENT EFFICIENCY

Lysophospholipids 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 the enzymatic potential is enhanced of both lipolytic and non-lipolytic enzymes leading to an improvement of nutrient digestibility.

Lysophospholipids 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. Hence, **nutrient digestibility** and **nutrient absorption** is enhanced.

## INTESTINAL INTEGRITY & PATHOGEN CONTROL

Tributyryn induces the formation of tight junctions, which improves the **intestinal barrier function**. This allows nutrients to be absorbed while preventing toxins and pathogens from crossing the intestinal barrier. Furthermore, tributyrin improves **villi development**, increasing the surface area for nutrient absorption. In combination with glycerides of lauric acid, effective pathogen control is achieved due to a direct anti-bacterial effect and by stimulating body defence mechanisms.

## COMPOSITION

- » Lysolecithins
- » Glycerides of butyric acid
- » Glycerides of lauric acid

## CHARACTERISTICS

- » Available in Dry
- » Heat stable & non-corrosive
- » Neutral taste and odour
- » Available in 25 kg bag, 1000 kg big bag and bulk

## DOSAGE

- » **Broilers:** 2.0 kg/ton
- » **Laying hens:** 2.0 kg/ton
- » **Sows:** 2.0 kg/ton
- » **Piglets:** 2.0 – 3.0 kg/ton

For specific dosage advise, contact your technical salesperson

### WEANED PIGLETS

**WEIGHT**  
Final body weight at day 42  
**+1.6kg**



**ADWG**  
Increased Average Daily Weight Gain  
**+8.1%**



**FCR**  
Reduced Feed Conversion Ratio: Day 0 - 42  
**-4.7pnts**



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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