

FRA[®] GUT PROTECT

#AdditiveValue for Pathogen Control, Body Defence and Intestinal Health

- » Control Gram+ & Gram– bacteria
- » Improve inflammatory response
- » Intestinal integrity

A Bluestar Company
ADISSEO

INTESTINAL SHIELD

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PATHOGEN CONTROL

FRA® Gut Protect is a well-substantiated combination of glycerides that is active against pathogens, such as several **Gram-negative bacteria** and **Gram-positive bacteria**. Glycerides can kill and inhibit the growth of bacteria via multiple modes of action, by alternating the DNA structure of the bacteria and destabilizing the bacterial cell membrane.

INTESTINAL HEALTH

Especially glycerides of butyric acid stimulate **intestinal integrity** and **intestinal health**. By inducing the formation of tight junctions, the intestinal barrier function is improved. Furthermore, glycerides of butyric acid improve villi development, increasing the surface area for nutrient absorption.

BODY DEFENCE

FRA® Gut Protect improves natural body defence systems by increasing antibody titer values, indicating a more active **immune system**. Resulting in a better protection against pathogens during times of infection. Furthermore, glycerides of caprylic, capric and lauric acid have anti-inflammatory effects. All these features of FRA® Gut Protect result in effective Pathogen Control, stimulated Intestinal Health and a better Body Defence mechanism, either by direct or indirect mode of actions.

COMPOSITION

- » Glycerides of butyric acid
- » Glycerides of citric acid
- » Glycerides of caprylic acid
- » Glycerides of capric acid
- » Glycerides of lauric acid
- » Glycerides of myristic 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:** 1.0 – 3.0 kg/ton
- » **Laying hens:** 1.0 – 2.0 kg/ton
- » **Sows:** 2.0 kg/ton
- » **Piglets:** 2.0 – 4.0 kg/ton

For specific dosage advise, contact your technical salesperson

A
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Company
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BROILERS

ADWG

Increased Average Daily Weight Gain

+2.3%



WEIGHT

Body weight gain

+41.8g



FCR

Reduced Feed Conversion Ratio

-1.6pnts



WEANED PIGLETS

VILLI HEIGHT

Crypt depth ratio

+5.71%



CLOSTRIDIUM

In cecum day 42

-8.9%



SALMONELLA

In cecum day 42

-18.6%



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.

