

FRA[®] GUT BALANCE

Effective Pathogen Control

- » Control Gram+ bacteria
- » Control Gram- bacteria

ANTIBIOTIC REDUCTION

ADISSEO
A Bluestar Company

FRA® GUT BALANCE

Effective Pathogen Control

PATHOGEN CONTROL

Bacterial infections reduce animal health, performance, production and economic output. Bacteria can be classified as Gram-negative or Gram-positive bacterium and differ in the structure of the cell wall. Research shows that certain glycerides have a surprisingly selective effect on the inhibition of specific pathogens. Furthermore, the different chain lengths of short- and medium chain glycerides distinguish the anti-bacterial properties of each molecule.

GRAM-NEGATIVE BACTERIA

Glycerides of short chain fatty acids are mainly active against **Gram-negative bacteria** such as *Escherichia coli* and *Salmonella spp.* Gram-negative bacteria are mainly affected by interference and destruction of genetic material. This will affect normal cell division and bacterial growth.

GRAM-POSITIVE BACTERIA

Medium chain glycerides have a broader range and are also active against **Gram-positive bacteria** such as *Clostridium perfringens*. Gram-positive bacteria are mainly affected by disruption of the bacterial cell membrane and transmembrane signalling.

The combination of glycerides from short- and medium chain fatty acids makes FRA® Gut Balance ideal to target a broad range of pathogens.

COMPOSITION

- » Glycerides of propionic acid
- » Glycerides of butyric acid
- » Glycerides of caprylic acid
- » Glycerides of capric acid

CHARACTERISTICS

- » Available in Dry & Liquid
- » 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:** 1.0 - 2.0 kg/ton
- » **Piglets:** 1.0 – 4.0 kg/ton

For specific dosage advice, contact your technical salesperson

BROILERS

ADWG

Increased Average Daily Weight Gain

+4.1%



WEIGHT

Body weight gain

+67g



FCR

Reduced Feed Conversion Ratio

-11.3pnts



WEANED PIGLETS

ADWG

Increased Average Daily Weight Gain

+5.5%



WEIGHT

Body weight gain

+960g



FCR

Reduced Feed Conversion Ratio

-5.7pnts



SOWS

ADWG

Increased ADWG suckling piglets

+19.9%



WEIGHT

Weaning weight

+1040g



MORTALITY

Number of losses within 24 hours after birth

-45%



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.

