PHYTOLIPOGENICS®

MCFA FORMULA

Marvesa has developed PhytoLipoGenics® to stabilise the intestinal microflora, strengthen the animal intestinal barrier and to positively influence their general physiology. Vital animals are more robust against infections and illness, have a more resilient immune system and require fewer antibiotics. Subsequently this leads to better animal performance.

INTESTINAL VITALITY

Scientific research performed by Marvesa has shown that these products have a positive effect on the villus/crypt ratio. This results in the growth of a vital intestinal epithelium with longer villi, which increases the absorption of nutrients. A positive effect on the goblet cells in the villi has also been observed. These goblet cells produce intestinal mucous, which has a protective and anti-bacterial function.

ANTI-MICROBIAL EFFECT

The medium-chain fatty acids in the products have an anti-microbial effect on both gram-positive (e.g., Clostridia and Streptococcus) and gram-negative (e.g., E. coli and Salmonella) bacteria. It has been established in scientific literature that C12 fatty acids have a strong inhibiting effect on gram-positive bacteria while C8 and C10 fatty acids have a strong inhibiting effect on gram-negative bacteria. All our PLG® products have a high concentration of MCFA's and are therefore highly anti-microbial. Furthermore, MCFA's are very easy to digest because they are directly absorbed into the intestinal tract.

TECHNICAL PERFORMANCE

Trials with pigs, poultry and calves have shown that products from our PLG® range improve growth and feed conversion while reducing mortality.

PLG® PRODUCT RANGE

Our PLG® blends can be formulated to your desired composition. Depending on the content and type of MCFA and/or additional components, the target specificity varies. Contact us if you would like to learn more about which PLG® product fits your needs.



- Inhibits gram-positive bacteria
- Inhibits gram-negative bacteria
- Positive effect on villus/crypt ratio and goblet cells
- Improves growth and FCR
- High Digestibility

Scan to visit our website
or contact
commercial@marvesa.com

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