

# Give the »good bugs« a head start: Anta®Phyt



Establishing a stable microflora in the gut is a race between the beneficial and the potentially pathogenic bacteria. When the »bad bugs« win, the health, performance and profitability of the flock will suffer. Only a healthy gut enables the animal to respond and adapt to challenges and stress. The start of the production cycle is a crucial time when a healthy gut flora needs to develop quickly.

Phytogenic feed additive Anta®Phyt can make a real difference. Studies have shown that Anta®Phyt, which was designed to support a healthy microflora in the digestive tract, has a positive influence on performance parameters such as daily weight gain and feed conversion, and on animal welfare-related parameters. The result is fewer nutrient losses, better palatability and healthier feet.

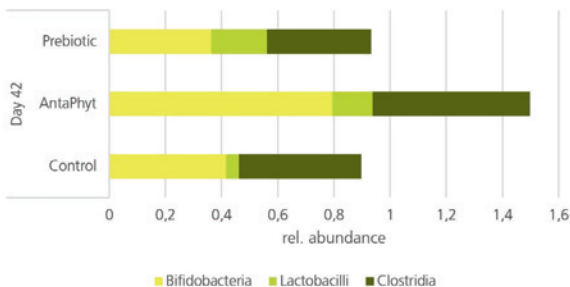
## Optimal gut health the phytogenic way

In a recent study, the effect of Anta®Phyt on the caecal

microbiota of broiler chicks was tested at day 42 of the production cycle. The negative control group received no additive, while the positive control received a prebiotic feed additive. The result: Anta®Phyt increased the relative abundance of lactate and butyrate producing bacteria. In more detail, the abundance of the butyrate producing clostridia ssp. was numerically increased at day 42 compared to the control group. Additionally, Anta®Phyt increased the abundance of bifidobacteria significantly and lactobacilli numerically (Figure 1). Increased numbers of bifidobacterial in the gastrointestinal tract of chicken is often associated with a reduced number of pathogenic bacteria in the intestine and environment.

This shows that Anta®Phyt can help broilers quickly establish and maintain the beneficial lactate and butyrate producing bacteria – for a stronger intestinal barrier, better performance and more animal well-being.

Anta®Phyt improves beneficial flora



**Figure 1:** Anta®Phyt promotes the abundance of a beneficial flora in the caecum of broilers compared to a negative control and a prebiotic (Konieczka et al., 2020, personal communication)