



nucid BVL

Gut Health & Performance Solutions

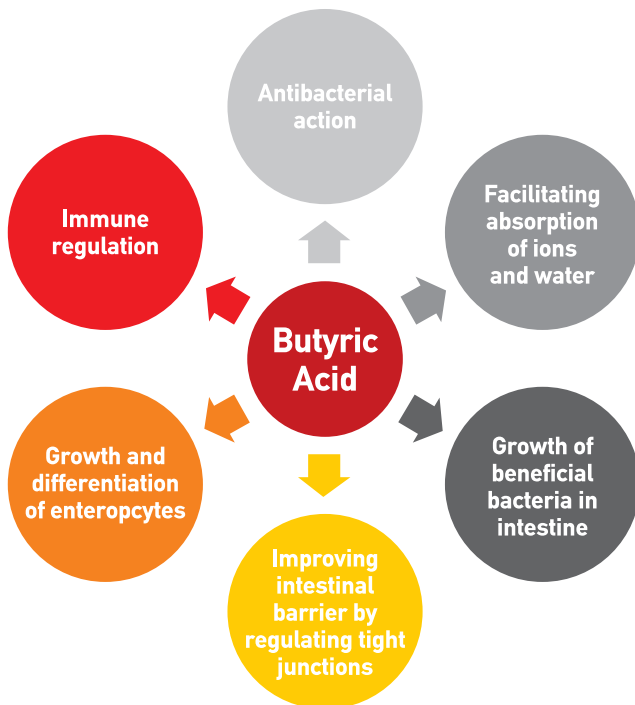
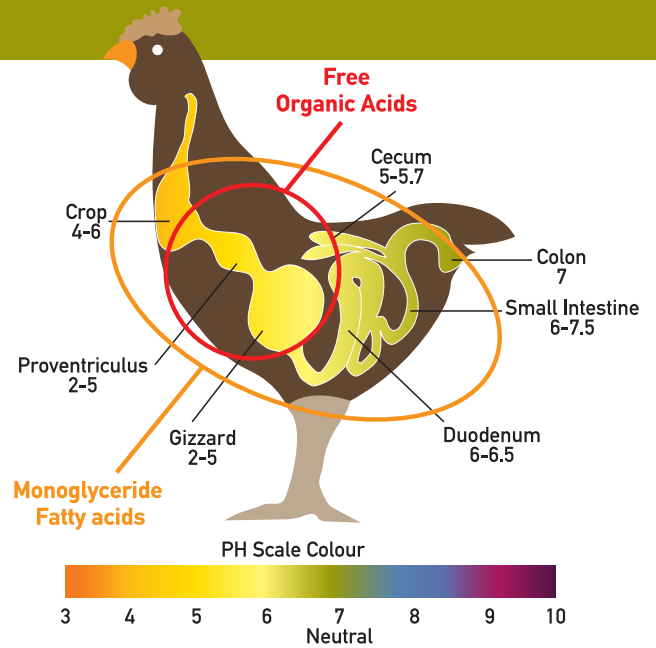


nuevo

nucid BVL

Glycerides are organic acids bound in a form of stable esters with glycerol. They are not pH dependent and they are active in entire GIT.

Nuevo has developed **nucid BVL**, a specific formula containing monoglycerides of butyric, valeric and lauric acid. Extensive research shows that short and medium chain monoglycerides have antibacterial and antiviral properties. As a result of their unique mode of action. They are active in the entire GIT and, as suggested by literature, they have the potential to be used as an alternative of the AGPs.



Monobutyrim is a growth promoter and an agent for prevention and treatment of common gut infections in chickens, such as *E. coli*, Necrotic enteritis and *Coccidia*. Moreover, monobutyrim inhibits the colonization of *Salmonella* in caeca and liver (Antongiovanni et al., 2011).

Monovalerin can increase body weight and decrease feed conversion rate. It also positively affects the morphology of the intestinal mucosa and the density of GLP-2 producing L-cells and it reduces the incidence of necrotic enteritis. The effect of GVA supplementation on L-cell density may play a key role in the observed beneficial effects (Lonneke Onrust et al., 2018).

Monolaurin stimulates the immune response elicited by IB vaccination. Studies showed that supplementing α -monolaurin in diets also results in better protection against several pathogenic IBV strains. (M. De Gussem et al., 2010). Moreover, monolaurin has a direct effect against fat enveloped viruses such as ND, IB, AI, and gram-positive bacteria.



nucid BVL is a dry powder heat stable up to 160 °C, non-corrosive, non-volatile, with pleasant smell, pH independent and active in the GIT and blood stream.

nucid BVL added in the feed of broilers, breeders and layers will improve the gut balance and microbiota, performance and production parameters in poultry production.

Dose: 0.5 – 1 kg / 1.000 kg of feed