

# CLOSTAT®

A proprietary probiotic, based on *Bacillus spp.* PB6 spores, originating from natural enteritis resistant chickens.



## A probiotic for better uniformity, growth and survivability

Due to regulations, but also the increase in antibiotic resistance, the time of widespread antibiotic use in livestock is over. A well-chosen probiotic strain can naturally increase gut health and also improve production parameters. Therefore, a probiotic is indispensable to keep animals both healthy and production profitable.



## Benefits

- Reduces the need to treat with antibiotics and the use of antibiotic growth promoters
- Tackles dysbiosis, wet litter and diarrhea problems
- Improves egg shell quality and discoloration
- Increases growth and uniformity
- Better survivability



## The science behind

After ingestion of the spores and passage of the stomach, the CLOSTAT spores germinate, start to multiply in the intestine and perform their action:

1. Modulates against *Clostridium spp*
2. Stimulates growth of *Lactobacillus* and *Bifidobacterium* in the intestine
3. Modifies inflammation response
4. Stimulates a well developed and diverse intestinal microbiome



## Why is a healthy balanced microbiome so important?

The intestinal microbiome is a complex bacterial community characterized by distinctive species that thrive under the prevailing circumstances of the gastrointestinal tract (GIT). The microbiome plays a crucial role in host health. It extends the metabolic potential of the host, shapes the immune system and provides protection against pathogens. The intestinal microbiome is a fragile ecosystem which can be easily perturbed by external factors such as treatments with antibiotics, dietary challenges, vaccination, heat stress, etc... This perturbation needs to be avoided at any time.



## INCLUSION RATE CLOSTAT DRY\*



> 500g/t of feed



> 500g/t of feed



> 500g/t of feed



> 5g/100kg live weight

\* Other variants for organic production and alternative concentrations are available in many markets.



## Packaging

- 25 kg bags

