



**GLOBAL
AGROVETS**

The Symbol Of Quality ...



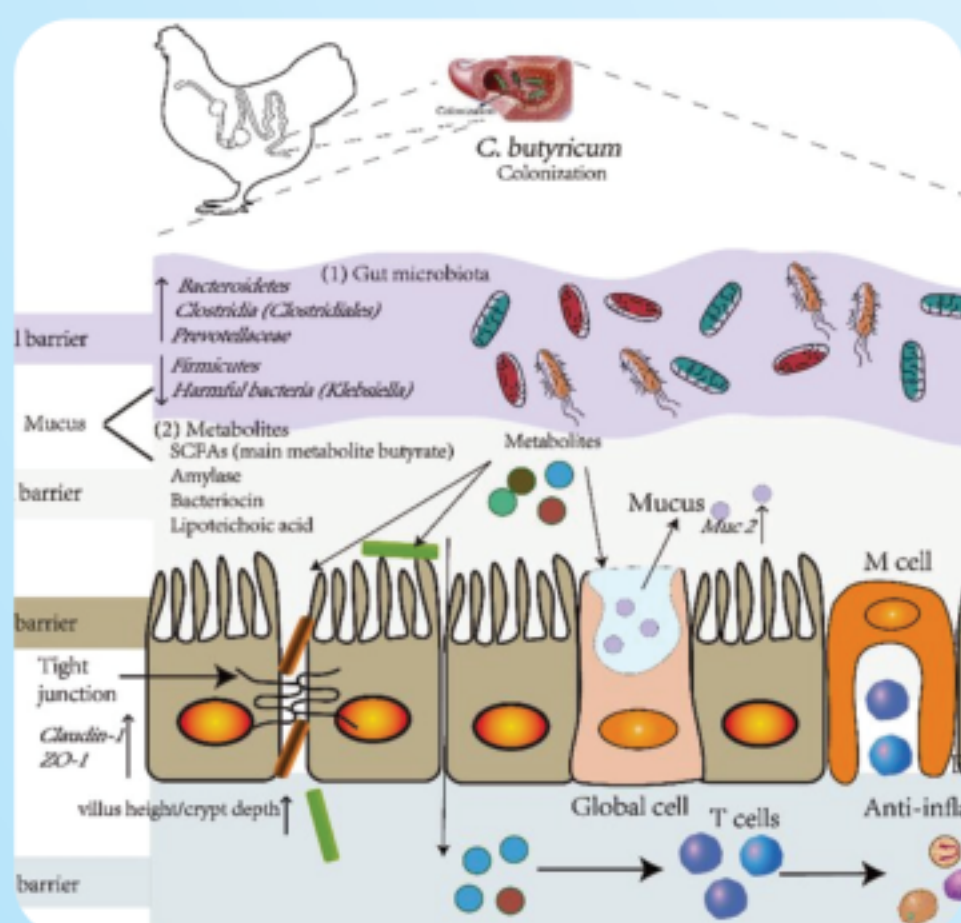
PROSIL[®]

Multi strain Probiotic with assured quality

- All poultry probiotics must be able to survive the harsh conditions of the chicken GIT, which include the highly acidic environment found within the proventriculus, toxic bile concentrations produced by the intestine, the fluctuating pH of the GIT and the digestive enzymes (pepsin and trypsin). The ability to survive these conditions are obligatory for any putative probiotic to elicit its effect and must be established in the initial stages of development.
- Bacillus based probiotics, mostly due to their spore forming ability are attractive alternatives to Conventional probiotics. These organisms have shown to elicit a myriad of probiotic effects, which include but are not limited to the reduction in the prevalence of poultry pathogens.

Mode of action :

- PROSIL contains a combination of aerobes and facultative anaerobes selected for their effectiveness to thrive & proliferate in the high and low oxygen environment across the entire gut.
- Prevents the growth of pathogens by producing short chain fatty acids (SCFA) such as lactic acid, butyric acid etc. and bacteriocins like subtilin, colicin, nisin, coagulins, bacitracin etc. & also neutralizes enterotoxins produced by pathogens.
- Promotes and modulates healthy gut microflora and enhances nutrient absorption by
 - A) Increasing activities of digestive enzymes amylase, protease, cellulase and lipase which help in digestion of carbohydrates, fat and protein enhances digestive process
 - B) Increasing the area of absorption in the small intestine morphology (by increase in villi height, increase in goblet matter and decrease in crypt depth)



Benefits :

- Improves digestibility & strengthens immunity
- Naturally thermostable; suitable for use in pellet feed
- Authenticity & purity of probiotic strains confirmed with RRNA sequencing study & phylogenetic comparison
- Helps with early establishment of beneficial gut microflora
- Reduces enteric pathogenic count and promotes early gut health
- Selected strains exhibit gamma haemolysis product is safe to use
- Prevents ECM, wet droppings & pasty vent
- PROSIL supports in fighting infections like - Salmonella, E. COLI, Clostridium perfringens (type-A,B,C,D,E), Staphylococcus Aureus.



PROSIL[®] FS

Composition : Each g contains

Bacillus Subtilis
Saccharomyces Boulardii
Saccharomyces Cerevisiae
Bacillus Licheniformis
Bacillus Sporogenes
Lactobacillus Acidophilus
Clostridium butyricum
Streptococcus Facium
Lactobacillus rhamnosus

20 billion CFU per gram.

Suggestive dosages for Feed additive :

Layers - 75-100 gm per MT of feed
Broilers - 150-200 gm per MT of feed
Breeders - 200-250 gm per MT of feed

Presentation :

5 kg & 25 kg

PROSIL[®] WS

Composition : Each g contains

Bacillus Subtilis
Bacillus Licheniformis
B. clausii
Pediococcus acidilactici

4 billion POTENCY CFU per gram.

Dose :

Chicks & Growers 1gm / litre of water
Broilers / Breeders / layers 1gm / 2 litre of water

Presentation :

250 gm and 1 kg

