

PROTIMIX BIO

**Protimix Bio is a blend of most advanced spore forming probiotics
Bacillus subtilis and *Bacillus amyloliquefaciens*
with unique performance enhancer.**

In GIT there is a symbiotic relationship between favourable microbes and host in which microbes get food and suitable environment and the host acquires protection against some form of diseases. Probiotics are live microbial feed supplement which beneficially affect the host by improving its intestinal microbial balance.

In chicks during 1st week of life there are chances of early bacterial and viral infection. Digestibility and metabolism is also low during this period along with low immunity and susceptibility to diseases. Environmental and other stress conditions make situation more critical.

Compatibility of *Bacillus subtilis* and *Bacillus amyloliquefaciens* with acids, antibiotics and anticoccidials have make the product very resistant and ensures it will reach the GIT with optimum moisture and nutrient conditions. The spore germinates and begins to exert their benefits. Enzymes mainly proteases and amylases, benefitting the birds. Besides *Bacillus subtilis* and *Bacillus amyloliquefaciens* can produce lactic acid in the intestinal lumen, which lowers the pH of the intestine and make the surroundings inhospitable for the proliferation of the pathogens. It also produces a bacteriocine called barnage, a ribonuclease that inhibit the growth of pathogenic bacteria. Immuno- enhancing compound build strong immunity by synthesising immune cells. The combination of these effects contribute in controlling the intestinal pathogenic population and improves feed conversions.

BENEFITS :

- Control the growth of pathogens in GIT
 - Helps in uniform growth
 - Improves immunity
 - Improves FCR

ADMINISTRATION :

- Chicks 1 g in 2 lit water from day old to 14 days.
- Broiler/Grower/Layer/Breeder 1 g in 10 lit water for 5 - 7 days.
- In Feed 250 g per MT

PRESENTATION

500 g