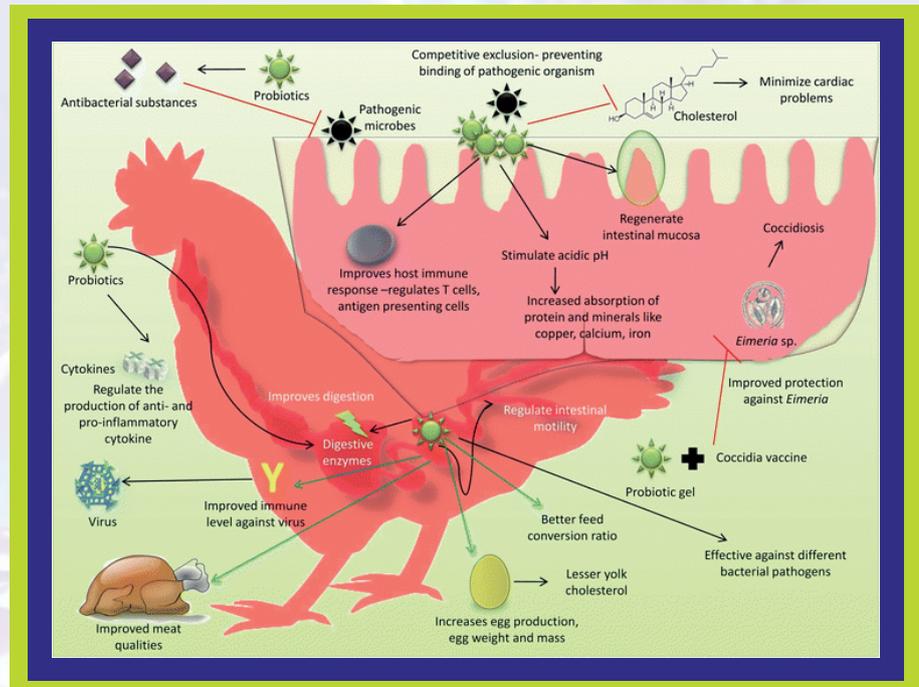




GUTLITE *WS / FS*

Boost your Bird's Gut





Mode of Action Probiotics
Early Usage Advantage (Seeding)

COMPOSITION: 5.5×10^{10} CFU/g

Probiotics

Bacteria: *Lactobacillus sporogenes*, *Lactobacillus acidophilus*, *Lactobacillus plantarum*, *Bacillus subtilis*, *Bacillus licheniformis*, *Streptococcus faecium*, *Pediococcus* spp. Yeast: *Saccharomyces boulardi*, *Torulopsis* spp.

- Mannan oligosaccharide • Fructo oligosaccharide

Enzymes

Amylase, Protease, Cellulase, Hemicellulase, Betaglucanase

Natural Growth Promoters

Seaweed Extract, Spirulina, Vitamin B6

PREBIOTICS:

MOS:

MOS are derived from cell wall of yeast

- Substrate for probiotics
- Reduces prevalence of *Salmonella*, *E. coli*, etc.
- Helps in development of long healthy villi in small intestine (Yang et al. (2008) *British Poultry Science*. 49 (2): 186-94)

FOS:

FOS serves as a substrate for microflora in the large intestine, increasing the overall gastrointestinal tract (GI Tract) health

- Support the growth of healthy bacteria in digestive tract

PREBIOTICS:

Lactobacillus & Bacillus spp

- Helps prevent enteritis
- Protects from pathogens like Salmonella, E. coli, etc.
- Helps villi development
- It produces lactic acid and the enzyme Amylase.

Pediococcus spp.:

Produces lactic acid and colonize in the GI tract of the bird.

PREBIOTICS:

Saccharomyces boulardii

- Modulates immunity by boosting intestinal IgA
- Stimulates the growth of cellulolytic bacteria.
- Saccharomyces boulardii used as a biotherapeutic agent for the beer gut health

Torulopsis:

It furnishes nutrition for the growth of the Lactobacillus organisms and also produces the enzyme Lipase

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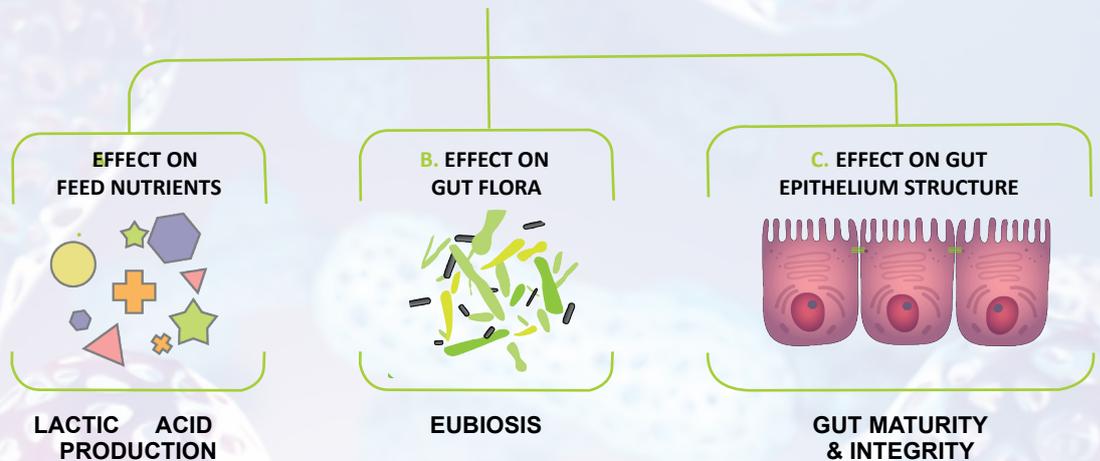
NATURAL GROWTH PROMOTERS:

- Seaweed rich in minerals like Iodine, Manganese, Calcium, Zinc, Phosphorus, etc.
- Helps to enhance the immunity
- The minerals present in the seaweed produce super oxide dismutase and give glycoprotein coating around the cells which protects them from viral penetration, thus builds up the resistance against the diseases.
- Vit. A & E, Se present in the seaweed improves the hatchability and reduces chicks mortality

ENZYMES:

Reduces viscosity & helps to improve probiotic efficacy

GUTLITE WS / FS



Better feed digestibility



Improves Gut Resistance & Performance

SPIRULINA:

- Rich source of amino - acids and vitamin B complex
- Enriched with Irons, Manganese, Potassium etc.

BENIFITS:

- Improves feed utilizaon, FCR and body weight
- Opmizes gut microflora
- Reduces the disease incidences, mortality & morbidity
- Decreases pathogenic bacterial growth such as Salmonella, E. coli, Clostridia, other putrefacti bacteria & associated toxins
- Ensures uniform growth of the flock
- Improves hatchability and fertility



DOSAGE:

For oral adminstraon in water:

Poultry: 1g/ltr of drinking water 100g/ton of feed

Chicks: 20 gm/ 1000 birds

Broiler/ Layer/ Breeder: 40 gm/ 1000 birds Or as advise by consultant