

Impro Gel

Chicks Begin with Healthy Gut

Regulate growth
Reduce early chick mortality

Assure average body weight

Stable pH
Improve digestion
Control pathogen
Build immunity



Impro supports

Optimal digestion, Maximizes nutrient absorption,

Strengthens immune function, and Enhances protection Against pathogens.

The Importance of Gut Health in Day-Old Poultry Chicks

Gut health plays a vital role in the proper development and growth of day-old poultry chicks. At hatching, the gastrointestinal (GI) tract is sterile, but it quickly becomes colonized by microorganisms from the environment. Establishing a balanced gut microbiota is essential for efficient digestion, optimal nutrient absorption, robust immune function, and effective protection against pathogens.

Probiotics—live microorganisms that confer health benefits to the host—are increasingly utilized in poultry production to support gut health, enhance performance, and improve overall bird well-being.

Role of Impro gel in Gut Health

1. Restoration and Colonization of Gut Microbiota:

- Supports early colonization of beneficial bacteria, crucial for gut health.
- Helps prevent harmful pathogen growth through competitive exclusion.

2. Enhancement of Digestive Efficiency:

- Aids in breaking down carbohydrates, proteins, and fats for better digestion.
- Enhances short-chain fatty acid (SCFA) production, strengthening gut integrity.

3. Immune System Modulation:

- Stimulates IgA production and activates gut-associated lymphoid tissue (GALT).
- Helps regulate inflammation, reducing the risk of gut-related diseases.

4. Pathogen Control and Disease Prevention:

- Prevents harmful bacteria like *Salmonella*, *E. coli*, and *Clostridium perfringens*.
- Creates an unfavorable environment for pathogens through nutrient competition and antimicrobial activity.

Benefits of Impro gel in Day-Old Poultry Chicks

1. Enhanced Growth & Efficiency

- Promotes weight gain and improves feed conversion by optimizing digestion and nutrient absorption.

2. Strengthened Immune Function

- Stimulates IgA and cytokine production, boosting disease resistance.

3. Reduced Mortality and Disease Incidence

- Reduces gastrointestinal diseases like necrotic enteritis, coccidiosis, *E. coli*, and *Salmonella* infections.

4. Optimized Gut Health and Microbial Balance

- Enhances villus development, improves nutrient absorption, and balances gut microbiota for better overall health.

Composition : Blend of gut probiotics, Immunostimulant and Anti stress agents.

Preparation :

100 gram Impro gel can be mixed with 2000 ml of water. Let it for 5 mins to observe. Now the prepared product is ready to serve.

Dosage :

Once the chicks placed in the cage or shed, 4 grams for 15 day old chicks. Day old chicks. If the chicks are not healthy, 3 days continuous administration may required to recover the chicks health.

Manufactured & Marketed by



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