



# ENDO-PLUS

*Targeted Endotoxin Binding. Proven Gut Protection*



## Overview

Endo-Plus is a scientifically formulated, broad-spectrum endotoxin binder designed to safeguard poultry health and performance under modern intensive production systems. It combines organic acids, adsorbents, phytogenic extracts, Mannan Oligosaccharides (MOS), Red Algae, and Yeast Cell Wall components to neutralize, degrade, and bind a wide range of toxins including aflatoxins, DON, T-2 toxin, fumonisins, ochratoxins, and zearalenone. Through its multi-layered binding and detoxification mechanism, Endo-Plus enhances gut integrity, boosts immunity, improves nutrient absorption, and promotes optimal growth and productivity.



## Composition

Endo-Plus contains a synergistic combination of **red algae**, **yeast cell wall rich in  $\beta$ -glucans** and **Mannan Oligosaccharides**, **organic acids (acetic acid, formic acid, propionic acid, and citric acid)**, **HSCAS**, **garlic extract** and **Azadirachta indica extract**, providing enhanced toxin-binding capacity, immune modulation, and gut protection.



## Mode of Action

### 1. Minimization of Endotoxin leakage

- HSCAS provides strong adsorption of aflatoxins and a range of polar toxins.
- It protects gut lining, therefore limiting endotoxin leakage.

### 2. Biological Detoxification

- Yeast cell wall  $\beta$ -glucans bind endotoxins (LPS) in the gut, reducing their absorption and endotoxin-induced inflammation.
- Mannan oligosaccharides (MOS) prevent adhesion of Gram-negative bacteria, lowering endotoxin production and supporting gut integrity.

### 3. Organic Acid Synergy

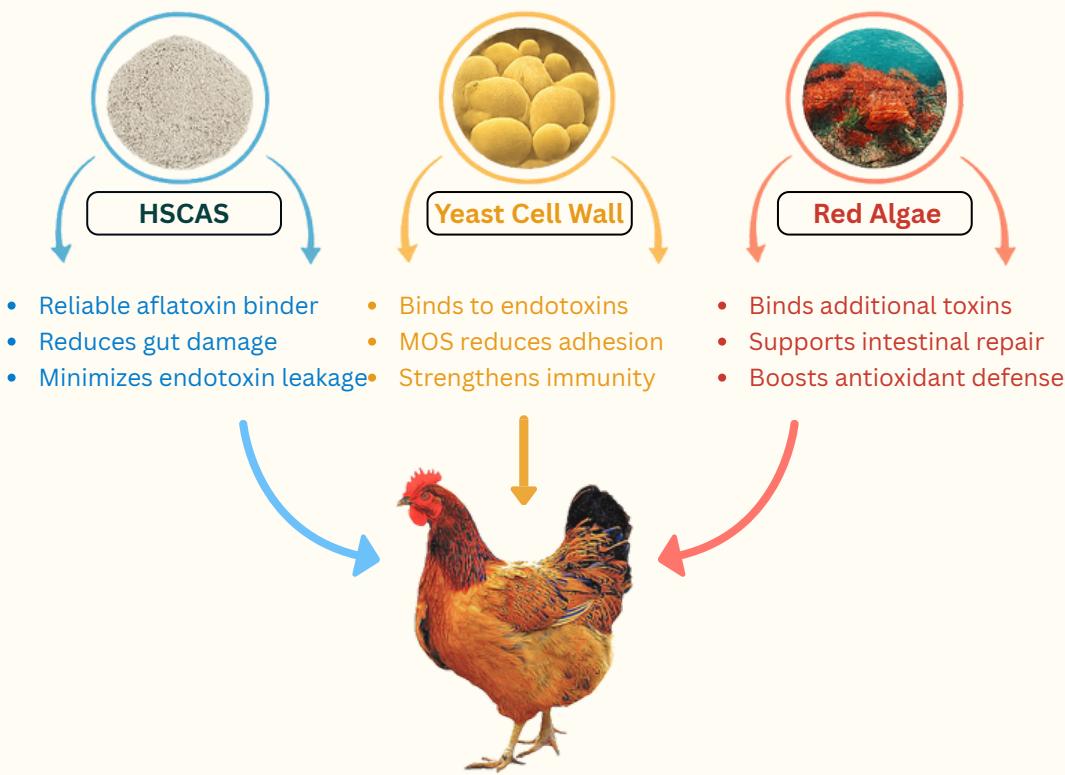
- Acetic, formic, propionic, and citric acids lower intestinal pH, inhibit pathogenic bacteria, and improve gut barrier function.
- Prevents toxin-producing microbes from proliferating.

### 4. Phytogenic Antimicrobial & Hepatoprotective Activity

- Garlic extract supports liver detox pathways, improves bile flow, and provides antimicrobial benefits.
- Azadirachta indica offers anti-inflammatory and antioxidant protection.

### 5. Red Algae Toxin Complexation

- Red algae polysaccharides bind endotoxins and harmful bacterial metabolites in the gut, reducing intestinal inflammation and toxin absorption.
- Red algae strengthen the intestinal barrier and support beneficial microbiota, thereby limiting endotoxin translocation and immune stress.



## Chicken Benefits

- Broad-spectrum binding: effective against aflatoxins, DON, T-2, fumonisin, ochratoxin, zearalenone.
- Improves liver function and reduces toxin-induced stress.
- Strengthens gut integrity and immunity.
- Reduces mortality and enhances flock uniformity.
- Supports better feed conversion ratio (FCR) and weight gain.
- Controls pathogenic microbial load.
- Improves antioxidant defense of the system.
- Offers broad spectrum action: toxin binding + detoxification + gut protection.

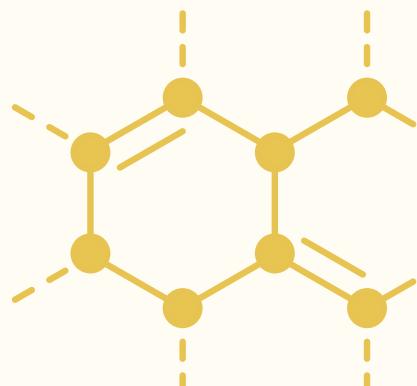
## Chicken Dosage

500 gm to 1 Kg per ton of feed, depending upon the moisture percentage.

Or as directed by the Veterinarian.

## Chicken Presentation

25 Kg Bags





At Horus International Pvt. Ltd., we are dedicated to advancing the health, productivity, and well-being of animals through innovative nutritional solutions. Our Animal Health & Nutrition Division serves as a trusted partner to farmers, veterinarians, and feed manufacturers across India and beyond, delivering **science-backed** products designed to enhance performance, improve immunity, and ensure **sustainable** production of **poultry, livestock and aquaculture**. With a strong foundation in research and **global collaboration**, we bring together world-class formulations and locally adapted technologies to meet the evolving needs of the poultry, dairy, and aquaculture sectors. From feed additives and probiotics to veterinary formulations and biosecurity solutions, our portfolio reflects our commitment to **quality, efficacy, and safety**.

Driven by our core values of Integrity, Innovation, and Impact, we aim to contribute to a healthier food chain while empowering our partners with reliable products and technical expertise. At Horus International, we believe that healthy animals build a healthy world—and every product we create is a step toward that **vision**.



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