

# DOTBOOST

Live Yeast Culture (3 gm), Amino Acid (2 gm), Liver Extract (5 mg)  
Veterinary Feed Supplement

## Description

This veterinary feed supplement is a synergistic blend of Live Yeast Culture, Amino Acids, and Liver Extract formulated to enhance digestive health, metabolic functions, and overall productivity in animals. The live yeast culture supports gut microflora balance, amino acids provide essential building blocks for protein synthesis, and liver extract supplies vital nutrients that promote liver function and immunity. Designed specifically for cattle, poultry, and aquaculture species.

## Specification

- Live Yeast Culture: 3 gm per unit (viable yeast cells  $\geq 1 \times 10^9$  CFU/g)
- Amino Acids: 2 gm per unit (balanced essential amino acids profile)
- Liver Extract: 5 mg per unit (rich in vitamins, minerals, and bioactive compounds)
- Appearance: Fine, free-flowing powder
- Purity & Quality: Meets veterinary feed additive standards with no microbial contaminants beyond specification
- Excipients: Inert carriers and stabilizers (q.s.) ensuring product stability and uniformity

## Category

Veterinary Nutritional Feed Supplement for **Cattle, Poultry, and Aquaculture species** to support growth, metabolism, immune response, and feed efficiency.

## Pack Size

Available in packs of **10 x 4** units, facilitating easy storage, handling, and dosing for veterinary feed applications.

## **Indications**

- Supports healthy gut flora and digestion through live yeast culture
- Enhances protein synthesis and muscle development with amino acids
- Promotes liver health, detoxification, and immune function via liver extract
- Improves feed conversion ratio and growth performance in livestock and aquaculture
- Supports recovery and resilience during stress and disease conditions

## **Composition**

- Live Yeast Culture: 3 gm/unit
- Amino Acids (essential profile): 2 gm/unit
- Liver Extract: 5 mg/unit
- Excipients: Carriers and stabilizers (q.s. to complete formulation)

## **Dosage and Administration**

- Species: Cattle, Poultry, Aquaculture
- Route: Oral administration mixed with feed
- Dosage:
  - Cattle: 5-10 gm per head per day
  - Poultry: 0.5-1 gm/kg of feed
  - Aquaculture: 0.1-0.5 gm/kg of feed (species-dependent)
- Duration: Continuous use recommended or as advised by a veterinarian
- Instructions: Ensure thorough mixing in daily feed ration for uniform distribution

## **Product Form**

Powdered feed supplement supplied in 10 packs of 4 units each, optimized for dosing convenience.

## **Usage**

Intended for incorporation into animal feed to improve digestive health, metabolic function, and overall performance in cattle, poultry, and aquatic animals.

## **Advantages**

- Enhances gut microbial balance and digestion
- Supports efficient protein metabolism and growth
- Promotes liver function and detoxification
- Improves immunity and resilience to stress
- Easy integration into existing feeding programs

## **Adverse Effects**

Generally safe with minimal risk. Overdosage may cause mild digestive disturbances. Use as per recommended dosages.

## **Withdrawal Period**

No withdrawal period necessary when used as directed.

## **Storage**

Store in a cool, dry place away from direct sunlight and moisture. Seal packaging after use to maintain viability of live yeast.

## **Handling Precautions**

- Avoid inhalation of dust
- Use protective gear when handling bulk quantities
- Keep away from children and unauthorized personnel
- Practice good hygiene and safe handling procedures

## **HS Code**

HS Code: 2106.90 – Food preparations not elsewhere specified or included (appropriate for feed additives)

## **HSN Code**

HSN Code: 2106 – Food preparations not elsewhere specified or included

## **Special Instructions**

- Mix thoroughly with feed to ensure even distribution
- Use under veterinary supervision for best results
- Avoid combining with substances that may harm yeast viability

## **Details of Human and Veterinary Application**

- This product is exclusively formulated for veterinary use and is not intended for human consumption.
- Supports health and productivity of cattle, poultry, and aquaculture species through improved digestion and metabolism.

## **Frequently Asked Questions (FAQs)**

### **Q: What is Live Yeast Culture?**

A: Live yeast culture consists of active, beneficial yeast cells that support gut microflora balance and improve digestion in animals.

### **Q: Why are amino acids included?**

A: Amino acids are essential for protein synthesis, growth, and metabolic functions.

### **Q: What is the role of liver extract?**

A: Liver extract supplies important nutrients that promote liver function, detoxification, and immune health.

### **Q: How do I administer this product?**

A: Mix the recommended dose thoroughly into the daily feed ration.

### **Q: Are there any side effects?**

A: The product is generally safe; overdosage may cause minor digestive upset.

### **Q: Is a withdrawal period required?**

A: No withdrawal period is necessary.

### **Q: How should I store this product?**

A: Store in a cool, dry place, protected from sunlight and moisture.

### **Q: Can humans consume this product?**

A: No, this formulation is for veterinary use only.