

DIGIDOT

Fermented Live Yeast Culture with Feed & Fiber Digestive Enzymes Powder Veterinary Use

Description

A veterinary digestive powder designed specifically for cattle, combining a synergistic blend of fermented live yeast cultures and fibre digestive enzymes to enhance nutrient absorption, improve gut health, and optimize feed utilization. This formulation supports ruminal fermentation and fibre digestion, contributing to improved digestion and overall health in ruminants.

The product contains a carefully balanced consortium of beneficial microorganisms and enzymes that act in concert to improve feed efficiency and animal performance.

Composition

- **Fermented Live Yeast Culture Powder:** 33.5 gm
- **Bacillus amyloliquefaciens:** 13.5 billion Colony Forming Units (CFU)
- **Bacillus subtilis:** 13.5 billion CFU
- **Lactobacillus acidophilus:** 2.5 gm
- **Aspergillus oryzae:** 5 gm
- **Propionibacterium freudenreichii:** 13.5 billion CFU
- **Hydrated Sodium Calcium Aluminosilicate (HSCAS) Base:** 5 gm

Excipients

Pharmaceutical-grade carriers and stabilizers ensuring product stability and homogeneity. (Exact excipients and concentrations proprietary but conforming to regulatory standards.)

Category

Veterinary Digestive Supplement – **Cattle**

Pack Size

300 grams

Specification

- **Appearance:** Fine, free-flowing powder
- **Microbial Count:** Viable *Bacillus amyloliquefaciens* and *Bacillus subtilis* ≥ 13.5 billion CFU each
- ***Lactobacillus acidophilus*:** 2.5 gm per pack
- ***Aspergillus oryzae*:** 5 gm per pack
- ***Propionibacterium freudenreichii*:** ≥ 13.5 billion CFU
- **HSCAS Base:** 5 gm
- **pH:** Neutral to slightly alkaline (6.5–7.5)
- **Moisture Content:** <10%
- **Shelf Life:** 18 months from date of manufacture

Indications

- Improves fibre digestion and nutrient absorption in cattle
- Enhances rumen microbial activity
- Reduces risk of digestive disorders such as acidosis and bloat
- Supports improved feed conversion ratio and weight gain
- Maintains gut flora balance and intestinal health

Dosage and Route of Administration

- **Dosage:** Mix 10 gm of powder per 100 kg body weight of cattle daily, or as directed by a veterinarian.
- **Route:** Oral administration mixed thoroughly with feed or in drinking water.

Product Form

Powder for oral administration

Usage Instructions

- Mix thoroughly with feed or dissolve in water before offering to cattle
- Ensure fresh feed and water are provided daily
- Use consistently for at least 30 days for optimal results

Advantages

- Contains multi-strain probiotic cultures enhancing gut microbial diversity
- Supports natural digestive enzyme activity improving fibre breakdown
- Non-antibiotic, safe for long-term use
- Promotes animal growth and feed efficiency
- Reduces methane emissions by improving rumen fermentation
- Helps maintain overall animal health and immunity

Adverse Effects

- Generally safe with no reported side effects when used as recommended
- Overdose may cause mild gastrointestinal upset; discontinue use if symptoms persist and consult a veterinarian

Withdrawal Period

No withdrawal period required as this is a non-drug probiotic feed supplement

Storage and Handling

- Store in a cool, dry place away from direct sunlight
- Keep container tightly closed to maintain viability of microorganisms
- Protect from moisture and extreme temperatures
- Use within shelf life for maximum effectiveness

Handling Precautions

- Avoid inhalation of dust
- Use gloves when handling if you have sensitive skin
- Keep out of reach of children

HS Code and HSN Code

- **HS Code:** 300290 – Medicaments consisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses (excluding vaccines and antibiotics)
- **HSN Code:** 3004 – Medicaments (excluding goods of heading 3002, 3005 or 3006) consisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses

Special Instructions

- Not a substitute for veterinary treatment where necessary
- Consult a veterinarian before use in pregnant or lactating animals
- Do not mix with antibiotics or antiseptic feed additives unless advised
- Maintain hygiene while mixing and feeding

Details of Human and Veterinary Application

- **Veterinary Use:** Specifically formulated for ruminants, especially cattle, to aid digestion and improve feed efficiency.
- **Human Use:** Not intended for human consumption. Keep away from children and food processing areas.

Frequently Asked Questions (FAQs)

Q: What is CFU?

A: Colony Forming Units (CFU) indicate the number of viable bacteria or fungal cells capable of forming colonies.

Q: Can this supplement be used with antibiotics?

A: It is recommended to avoid concurrent use with antibiotics as they may reduce probiotic efficacy. Consult your veterinarian for guidance.

Q: How long before I see results?

A: Visible improvements in digestion and feed efficiency can typically be seen within 3-4 weeks of consistent use.

Q: Is there any risk of side effects?

A: The product is generally safe with no reported side effects when used as recommended. Mild gastrointestinal upset may occur in rare cases.

Q: How should I store the product?

A: Store in a cool, dry place, away from sunlight, moisture, and extreme temperatures.

Q: Is there a withdrawal period before slaughter or milk collection?

A: No withdrawal period is required as it is a non-drug probiotic feed supplement.