

METFUR-L

Metronidazole, Furazolidone & Loperamide Veterinary Bolus

Description

This triple-combination veterinary bolus offers **broad-spectrum antimicrobial and antidiarrheal activity**, tailored to **control gastrointestinal infections and diarrheal episodes** in livestock. It provides synergistic action:

- **Metronidazole:** Antibacterial & antiprotozoal (anaerobes, Giardia, etc.)
- **Furazolidone:** Broad-spectrum antimicrobial with antidiarrheal effect
- **Loperamide:** Gut motility regulator to reduce intestinal hyperactivity

Composition

Each bolus contains:

- **Metronidazole I.P.** – 1000 mg
- **Furazolidone I.P.** – 200 mg
- **Loperamide Hydrochloride I.P.** – 4 mg
- **Excipients:** q.s. to form a single bolus
- **Appearance:** Solid, smooth bolus (white to yellowish)

Category

- **Therapeutic Class:**
Antibacterial
Antidiarrheal
Antiprotozoal
- **Indications:** Gastrointestinal infections, diarrhoea, dysentery in livestock

Specification

- **Form:** Veterinary Bolus
- **Route:** Oral (using bolus gun)
- **Shelf Life:** 24 months
- **Assay:** Each active to comply with I.P. standards (95–105%)
- **Packaging:** 10 strips × 4 boluses per carton

Indications

Used for the treatment of:

- Acute or chronic **diarrhoea**
- **Dysentery** (bloody or mucous)
- **Gastrointestinal bacterial infections**
- **Protozoal infections** (e.g., Giardia, Entamoeba)
- **Post-antibiotic loose motion**
- Enteritis due to feed or water contamination

Applicable in:

- Cattle
- Buffaloes
- Goats
- Sheep

Dosage & Administration

- **Route:** Oral, via **bolus gun**
- **Dosage:**
1 bolus per **50–60 kg body weight**
Administer **once or twice daily** for 2–3 days or as directed by the veterinarian
- Always provide **clean drinking water** during treatment

Product Form & Pack Size

- Form: Veterinary Bolus
- Strength per Bolus:
 - Metronidazole – 1000 mg
 - Furazolidone – 200 mg
 - Loperamide – 4 mg
- Pack Size: **10 strips × 4 boluses** (40 boluses per outer box)
- Packaging: Strips or blisters in labelled outer carton

Usage & Advantages

Rapid relief from bacterial/protozoal diarrhoea
Reduces intestinal motility & fluid loss
Enhances feed absorption post-treatment
High efficacy against mixed infections
Convenient single bolus format
Reduces mortality in young or weak animals

Adverse Effects

- Rare in recommended doses
- Possible: Mild constipation, sedation, reduced appetite
- Overdose may lead to: ataxia, hepatic stress, CNS effects
- Discontinue if abnormal behaviour, vomiting, or neurological signs appear

Withdrawal Period

- **Meat:** 28 days
- **Milk:** 7 days
 - ➔ Strict adherence required to avoid residue issues

Storage

- Store below 30°C
- Keep in a cool, dry place, away from sunlight and moisture
- Do not refrigerate
- Keep out of reach of children and unauthorized handlers

Handling Instructions

- Administer using clean, dry hands or gloved hands
- Use a **bolus gun** for accurate placement
- Ensure full swallowing to avoid regurgitation
- Clean bolus gun after use

HS / HSN Code

- **HS Code:** 3004.90
- **HSN Code:** 30049091
(Medicaments for veterinary use — combinations with antimicrobials)

Special Instructions

- Do not use in animals with **liver disease** or **chronic constipation**
- Not to be used in **calves under 1 month** unless prescribed
- Ensure animal is well hydrated during treatment
- Always monitor fecal output during recovery

Human and Veterinary Application Details

- Strictly for **veterinary use only**
- Not intended for human use — serious toxicity risk
- In case of accidental human ingestion, seek emergency care

Frequently Asked Questions (FAQs)

Q: What does this bolus treat?

A: Diarrhoea, dysentery, protozoal infections, and GI bacterial infections in livestock.

Q: Is this a painkiller?

A: No. It is an **antibacterial, antiprotozoal, and antidiarrheal combo** — not a pain reliever.

Q: Can I use this in young calves?

A: Only under veterinary guidance. The dose may need adjustment.

Q: Will it stop diarrhoea immediately?

A: Loperamide acts fast to reduce motility, but full recovery may take **1–3 days** depending on severity.

Q: Can this be used with electrolyte powder?

A: Yes — it's **recommended** to support hydration during diarrheal illness.

Q: How many boluses should I give?

A: 1 bolus per **50–60 kg body weight**, usually **once or twice a day**.

Q: Can it be given with milk or feed?

A: Best given **on an empty stomach** with clean drinking water for faster action.