

MORANDOT

Morantel Citrate Monohydrate equivalent to 118.8 mg of Morantel Base for Veterinary Bolus

Description

Morantel Citrate is a broad-spectrum **anthelmintic (dewormer)** belonging to the tetrahydropyrimidine class. It acts by **paralyzing parasitic worms** through **nicotinic acetylcholine receptor stimulation**, leading to their expulsion from the gastrointestinal tract.

This bolus is designed for oral administration in **livestock** and is particularly effective in controlling **gastrointestinal nematodes** (roundworms) in **cattle, sheep, goats, and other ruminants**.

Composition

- **Active Ingredient:**
Morantel Citrate Monohydrate — **118.8 mg** (equivalent to 118.8 mg Morantel Base)
- **Excipients:** q.s. to form a single bolus
- **Appearance:** Smooth, uniform, typically off-white bolus

Category


- **Therapeutic Class:** Anthelmintic (Dewormer)
- **Pharmacological Class:** Tetrahydropyrimidine derivative
- **Use:** Oral anti-nematodal treatment for veterinary use only

Specification

- **Form:** Compressed bolus/tablet
- **Route:** Oral (per os)
- **Assay:** Should contain 95%–105% of labelled Morantel base content
- **Storage:** Below 30°C in dry, shaded conditions
- **Shelf Life:** 24 months from the date of manufacture

Indications

Used for the **treatment and control of gastrointestinal roundworms (nematodes)** in:

-  Cattle
-  Sheep
-  Goats

Effective against:

- **Haemonchus spp.**
- **Ostertagia spp.**
- **Trichostrongylus spp.**
- **Nematodirus spp.**
- **Cooperia spp.**
- **Oesophagostomum spp.**

Dosage & Administration

- **Route:** Oral administration via bolus gun or drenching device
- **Dosage** (General guideline):
Morantel base 10 mg per kg body weight
→ Adjust number of boluses based on animal weight and concentration per bolus
- **Example:** 1 bolus for animals weighing approx. **10–12 kg**, or as directed by a veterinarian

Product Form & Packaging

- Form: Veterinary Bolus
- Weight: Each bolus contains **118.8 mg Morantel base**
- Pack Size: **10 strips x 10 boluses** (100 boluses per box)
- Packaging: Strips or blister-packed in labelled cartons, moisture-resistant

Usage & Advantages

- High safety margin in most ruminants
- Quick onset and long-lasting deworming action
- Does not affect feed intake or milk yield/ Easy single-dose treatment
- No resistance reported in properly managed schedules

Adverse Effects

- Rare and usually mild
- Possible effects: mild salivation, soft feces, transient appetite loss
- Overdose may cause muscular tremors, GI upset, or ataxia
- Always follow veterinary supervision

Withdrawal Period

- **Meat:** 14 days
- **Milk:** 3 days
Comply strictly with withdrawal times to avoid drug residues in animal products

Storage

- Store below 30°C
- Protect from moisture, heat, and direct sunlight
- Keep out of reach of children and unauthorized handlers

Handling

- Use clean, dry hands or gloves when administering
- Use a bolus gun to avoid injury to animal or handler
- Wash hands thoroughly after handling

HS / HSN Code

- **HS Code:** 3004.90
- **HSN Code:** 30049091 (Veterinary anthelmintic preparations — Morantel-based)

Special Instructions

- Do not use in animals under stress or with liver/kidney compromise without veterinary approval
- Avoid repeat dosing without proper deworming intervals
- Maintain deworming schedule to avoid reinfestation
- Rotate with other anthelmintics to prevent resistance

Human and Veterinary Application Details

- Strictly for **veterinary use only**
- Though Morantel is used in both veterinary and human medicine, this formulation is **specifically made for animals**
- Human ingestion or misuse is dangerous — keep away from children

Frequently Asked Questions (FAQs)

Q: What does Morantel Bolus treat in animals?

A: It treats gastrointestinal nematodes like roundworms in cattle, sheep, and goats.

Q: How often should I deworm with this bolus?

A: Typically every 3–4 months, or as advised by your veterinarian based on farm conditions.

Q: Can it be given to lactating animals?

A: Yes, but follow the **milk withdrawal period of 3 days** before using milk for human consumption.

Q: Is this bolus safe for pregnant animals?

A: Generally safe, but always consult a veterinarian before administration during pregnancy.

Q: Can this bolus be split or crushed?

A: No — the full bolus should be administered whole using a **bolus gun** for accurate dosing.

Q: What if I miss a scheduled dose?

A: Administer as soon as possible, then resume regular deworming intervals as per your vet's plan.

