

# FENDOT-V

## Fenbendazole I.P. 25 mg + Ivermectin I.P. 1 mg/mL Oral Suspension Veterinary Use Only

### Description

This dual-action veterinary oral suspension combines two potent antiparasitic agents:

- **Fenbendazole I.P.** — a broad-spectrum benzimidazole anthelmintic effective against a wide range of gastrointestinal and pulmonary helminths.
- **Ivermectin I.P.** — a macrocyclic lactone that acts systemically against internal and external parasites.

Together, they provide a **comprehensive and synergistic deworming effect**, enhancing efficacy and helping reduce the risk of parasite resistance in livestock.

### Specification

- **Composition (per mL):**
  - Fenbendazole I.P. — 25 mg
  - Ivermectin I.P. — 1 mg
  - Excipients — q.s. to 1 mL
- **Appearance:**  
White to pale off-white uniform suspension
- **Formulation Type:**  
Ready-to-use oral suspension
- **pH Range:**  
Typically between 6.0 and 7.5
- **Packaging:**  
HDPE bottles with tamper-evident caps
  - Sizes: 30 mL, 60 mL, 90 mL, 1 Litre
- **Shelf Life:**  
24 months under recommended storage conditions

### Pharmacological Category

Broad-Spectrum Anthelmintic (Benzimidazole + Macrocyclic Lactone)

## Indications

For the treatment and control of mixed parasitic infestations in livestock caused by:

- **Gastrointestinal Nematodes**
  - *Haemonchus, Ostertagia, Trichostrongylus, Cooperia, Bunostomum, Nematodirus, Oesophagostomum*
- **Lungworms**
  - *Dictyocaulus* spp.
- **Tapeworms (Cestodes)**
  - *Moniezia* spp.
- **Ectoparasites**
  - Lice (*Haematopinus, Linognathus*)
  - Mites (*Sarcoptes, Psoroptes*)
- **Adult Liver Flukes** (partial effect)

Suitable for use in cattle, buffaloes, sheep, and goats.

## Dosage and Route of Administration

- **Route:** Oral administration
- **Recommended Dosage:**
  - **1 mL per 4 kg body weight** (equivalent to 6.25 mg/kg Fenbendazole + 0.25 mg/kg Ivermectin)
  - Administer as a single oral dose unless otherwise prescribed
- Shake the suspension thoroughly before each use

## Advantages

- Dual-active formula increases treatment efficacy
- Targets a broader range of internal and external parasites
- Helps reduce risk of anthelmintic resistance
- Convenient oral dosing for large and small animals
- Suitable for mass deworming protocols

## **Adverse Effects**

- Generally well tolerated at therapeutic doses
- Rare effects may include:
  - Mild salivation
  - Transient diarrhoea or inappetence
  - Neurological signs in overdose (due to Ivermectin)
- Avoid use in debilitated or stressed animals without veterinary guidance

## **Precautions**

- Use only under veterinary supervision
- Do not use in animals with known hypersensitivity to benzimidazoles or ivermectin
- Avoid overdosing, particularly in **young or small ruminants**
- Not for use in **lactating animals** producing milk for human consumption unless withdrawal period is approved
- Administer full dose; do not split treatment unnecessarily

## **Withdrawal Period**

- **Meat and Offal:** Minimum **28 days**
- **Milk:** Do not use in lactating animals producing milk for human consumption unless advised by a veterinarian

## **Storage and Handling**

- Store below 30 °C
- Protect from sunlight, heat, and freezing
- Shake well before use
- Keep container tightly closed after use
- Keep out of reach of children

## **Regulatory Classification / Schedule**

- **Schedule H (India)** or equivalent regulatory classification
- Veterinary prescription-only product
- For veterinary use only

## **HS Code & HSN Code**

- **HS Code (International):** 3004.90 – Other medicaments
- **HSN Code (India):** 3004.90.99 – Veterinary Medicaments (Others)

## **Special Instructions**

- Shake thoroughly before dosing
- Use accurate dosing instruments
- Administer directly into the mouth using a dosing gun or oral syringe
- Do not mix with feed or water unless directed
- Ensure proper animal restraint during administration

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

**Q: What animals can this product be used in?**

**A:** Cattle, buffaloes, sheep, and goats.

**Q: Can I use this product in pregnant or lactating animals?**

**A:** Use with caution during pregnancy. Avoid in lactating animals producing milk for human consumption unless advised otherwise.

**Q: How often should this product be administered?**

**A:** Typically as a single dose every deworming cycle. Repeat based on parasite burden and veterinary recommendation.

**Q: Is it safe for young animals?**

**A:** Yes, when dosed correctly based on weight. Always consult a veterinarian before use.

**Q: Can I mix this with feed or water?**

**A:** No, administer directly by mouth using an appropriate device.

**Q: What should I do in case of overdose?**

**A:** Contact a veterinarian immediately. Overdose can lead to toxicity, especially due to Ivermectin.