

# DOTMEC

## Ivermectin I.P. 10 mg Veterinary Tablet

### DESCRIPTION

**Ivermectin** is a highly potent, broad-spectrum **endectocide** from the ivermectin class. It acts by binding to glutamate-gated chloride channels in nerve and muscle cells of parasites, leading to paralysis and death. This 10 mg oral Tablet is specifically formulated for **precision dosing in small and medium-sized livestock**, providing effective control of both **internal and external parasites**.

### SPECIFICATION

#### Composition per Tablet:

- **Ivermectin I.P.** — 10 mg
- **Excipients** — q.s. (pharmacologically inactive components suitable for Tablet formulation)

### CATEGORY

- **Pharmacological Class:** Ivermectin Endectocide
- **Therapeutic Class:** Anthelmintic and Ectoparasitic ide (Veterinary Use)

### INDICATIONS

For treatment and control of a wide range of parasites including:

- Gastrointestinal roundworms (e.g., *Haemonchus*, *Ostertagia*, *Trichostrongylus*)
- Lungworms (*Dictyocaulus* spp.)
- Mange mites (*Sarcoptes*, *Psoroptes*)
- Lice and other ectoparasites
- Nasal bots (in sheep and goats)

## **PRESENTATION**

- **Dosage Form:** Oral Veterinary Tablet
- **Pack Size:** 1 × 10 (10 Tablets per strip/carton)
- **Packaging:** Individual blister or strip packaging, sealed and labelled
- **Target Species:** Sheep, Goats, Calves, Small Ruminants
- **Also usable in:** Larger animals with weight-adjusted multiple doses

## **DOSAGE & ROUTE OF ADMINISTRATION**

- **Route:** Oral
- **Recommended Dosage:**
  - 200 mcg/kg body weight
  - One 10 mg Tablet per 50 kg body weight
  - Adjust according to animal size and species
- **Frequency:** Single dose; repeat only as advised by a veterinarian

## **ADVANTAGES**

- Broad-spectrum control of internal and external parasites
- High potency with low-dose efficacy
- Enhances growth and productivity by eliminating parasite load
- Long duration of action (especially against mites and worms)
- Convenient oral administration in Tablet form

## **ADVERSE EFFECTS**

- Generally safe at recommended doses
- Possible mild, temporary side effects:
  - Lethargy
  - Diarrhoea
  - Skin irritation at mite-kill phase
- Neurotoxicity if overdosed, especially in sensitive breeds

## PRECAUTIONS

- Do not overdose — accurate weight estimation is essential
- Avoid in very young animals without veterinary guidance
- Use cautiously in breeds sensitive to Ivermectin (e.g., Collies in mixed farms)
- Not to be used in severely debilitated animals unless advised

## WITHDRAWAL PERIOD

- **Meat:** Minimum 28 days
- **Milk:** Minimum 14 days

## STORAGE CONDITIONS

- Store in a dry place below 30°C
- Protect from direct sunlight and moisture
- Keep out of reach of children and unauthorized personnel

## HANDLING INSTRUCTIONS

- Use clean, dry hands or gloves while administering
- Do not break or crush the Tablet unless specifically directed
- Wash hands thoroughly after handling
- Properly discard packaging after use

## SCHEDULE & REGULATORY CLASSIFICATION

- **Schedule "H"** Veterinary Prescription Drug
- Regulated under national veterinary pharmaceutical guidelines

## HS & HSN CODES

- **HS Code (International):** 3004.90
- **HSN Code (India):** 30049099

## **HUMAN VS. VETERINARY APPLICATION**

- **Strictly for veterinary use only**
- Not intended or approved for human use
- Specially developed for livestock and small ruminants

## **SPECIAL INSTRUCTIONS**

- Deworm entire herd or flock simultaneously when possible
- Avoid grazing treated animals on wet pastures immediately after administration
- Monitor animals for signs of heavy parasite die-off (e.g., toxicity, discomfort)
- Maintain routine parasite control schedule for long-term benefits

## **FREQUENTLY ASKED QUESTIONS (FAQ)**

**Q: What parasites does Ivermectin control?**

**A:** It controls both internal worms and external parasites like lice, mites, and bots.

**Q: How often should this Tablet be given?**

**A:** Typically once every 3–4 months, or as per your vet's advice.

**Q: Can it be used in lactating animals?**

**A:** Yes, but follow the milk withdrawal period of 14 days strictly.

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

**A:** Generally yes, but always confirm with a vet before use in pregnant or very young animals.

**Q: Can it be used in poultry or non-ruminants?**

**A:** No, this formulation is for ruminant livestock only.