

# RAFOMECTIN

Injectable Solution  
For Sheep, Goats, Cattle, Buffaloes, Camels



**COMPOSITION:** Each ml contains:

<b>Ivermectin</b>	<b>10 mg</b>
<b>Rafoxanide</b>	<b>125 mg</b>

**PROPERTIES:**

• **IVERMECTIN :**

- Ivermectin, an avermectin derivative, is a very efficacious and safe treatment against internal and external parasites attacking livestock.
- It acts by stimulating the release of the neurotransmitter chemical (gaba – gamm aminobutyric acid) interrupting the nerve impulses which paralyse the parasite and then killing it.
- It is characterized by rapid distribution and prolonged elimination period ensuring a permanent parasitocidal effect.

• **RAFOXANIDE :**

- A halogenated salicylanilide anthelmintic against the trematode spp. (flukes), some nematodes (round worms) and larval stages of sheep nasal bot fly. It is extensively bound to plasma proteins and has a long terminal half-life, so it acquires a prolonged persistence in the plasma which leads to the effect against the immature flukes.
- As a proton ionophore, transporting cations across cell membranes it acts by uncoupling oxidative phosphorylation within parasitic mitochondria.

**INDICATIONS:** For treatment and control of the following parasitic infestation:

■ **ENDOPARASITES:**

- **Gastro – intestinal nematodes** (round worms): heamonchus, chabertia, ostertagia, nematodirus, trichuris, cooperia, bunostomum, strongyloides, oesophagostomum, trichostrongylus, toxocara, parafilaria, hyostromylus, ascaris suum.
- **Lung worms:** dictyocaulus, protostrongylus, metastrongylus.
- **Flukes :**
  - Liver flukes (mature and immature stages): fasciola hepatica, f.gigantica.
- **Other flukes :** dicrocoelium dendriticum.
- **Flies larvae :** sheep nasal bot: (oestrus ovis), lucilia.

■ **ECTOPARASITES:**

- **Myiasis** (Cattle grubs – warble-): Hypoderma bovis, H. Lineatum
- **Myiasis** (Tropical cattle grubs) : Dermatobia hominis.
- **Myiasis** (Screw worm fly): (Parasitic stage) Chrysoma bezziana.
- **Mange mites:** Sarcoptes, Psoroptes, Chorioptes.
- **Sucking lice:** Linognathus, Haematopinus, Solenoptes.
- **Biting lice:** Damalina.
- **Ticks spp.**
- **Eye worms:** Thelazia.



**DOSAGE:** Single dose treatment.

- **Sheep, Goats, Cattle, Buffaloes, Camels:** 1 ml/ 50 kg B.wt. (By subcutaneous injection) .

**N.B**

- For large ruminants ( over 600 kg b.wt.) , give an additional 1 ml for each 50 kg b.wt.
- For small ruminants ( over 100 kg b.wt.) , give additional 0.5 ml for each 25 kg b.wt.
- In heavy infestations , repeat the dose after one week of the first treatment .
- For treatment of mange in sheep and camels: give a second dose after 7 days (for sheep), and after 15 days (for camels).
- Do not inject more than 10 ml at one injection site. the dose can be subdivided.

**SAFETY PERIOD:** For meat and milk consumption: 28 days.

**REMARKS:**

- Not used for lactating animals or within 28 days prior to parturition.
- Transient local reaction may occur at the injection site.
- Treatment of cattle grubs should be applied after the end of the warble fly season.
- Clostridial vaccination is recommended for sheep before deworming.

**PRECAUTIONS:**

- Wash hands after use.
- Avoid contact with eyes and skin.
- Don't smoke or eat during application
- Don't contaminate ponds, canals and water sources.
- Empty containers should be disposed safely.

**STORAGE:**

- Keep away from food, drinks and children.
- Keep in dry, dark place below 30 °C.

**PACKING:** (50, 100) ml.