

RAFOMECTIN

Injectable Solution

For Sheep, Goats, Cattle, Buffaloes, Camels

COMPOSITION: Each ml contains:

Ivermectin	10 mg
Rafoxanide	125 mg

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 – gamma aminobutyric acid) interrupting the nerve impulses which paralyses 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, hyostrongylus, 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.