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 parasiticidal 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, protoscolexylus, 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**: Linognatus, Haematopinus, Solenoptes.
  - **Biting lice**: Damalina.
  - **Ticks**
  - **Eye worms**: Thelazia.
- 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.