

DECTIVER®

Injectable Ivermectin Solution
REG. SAGARPA Q-2083-056

FORMULA

Each mL contains:
Ivermectin 10 mg
Vehicle c.b.p. 1 mL



PRESENTATIONS

Plastic bottles of 10 mL and 500 mL.

DESCRIPTION

Dectiver® is a sterile injectable solution of 1% Ivermectin ready for use. It is indicated for the treatment of internal parasites and adjuvant in the control of external parasites of cattle, sheep and pigs, so it helps improve their efficiency in feed conversion and weight gain. It is administered subcutaneously at the level of the neck or in front of the pallet.

Dectiver® contains as an active ingredient Ivermectin, which is why it acts as a parasiticide, with a large margin of safety over round, lung, kidney, and liver worms, as well as coadjuvant in the control of various external parasites: mites and lice.

INDICATIONS

Dectiver® effective in the treatment and control of adult and larval stages of internal parasites for up to 28 days depending on the parasite.

Dectiver® acts in the effective control of the following parasites:

Ascaris spp.

Ostertagia ostertagi (includes hypobiotic stage) *Ostertagia* spp

Oesophagostomum spp.

Bunostomum phlebotomum

Cooperia spp

Hyostrongylus spp.

Haemonchus spp

Oesophagostomum spp

Trichostrongylus spp

Metastrongylus spp. (adult phase). *Nematodirus* spp

Toxocara vitulorum

Mecistocirrus digitatus

Stephanurus dentatus

Ovine chabertia

Trichuris spp.

Dictyocaulus spp

Bovine parafilaria

Thelazia spp

Protostrongylus rufescens

Strongyloides spp. (adult stages).

Control the following external parasites: Fly larvae:

Hipoderma bovis

H. lineatum

Dermatobia Hominis

Oestrus ovis

Chrysomya bezziana

Mite producers of scabies:

Psoroptes ovis var *bovis*

P. communis var *ovis*

Choriotes bovis

Sarcoptes spp.

Against lice.

Haematopinus spp.

Solenopotes capillatus

Assistant in the control of:

Damalinia bovis

DOSE

1 mL per 50 kg of live weight.

ROUTE OF ADMINISTRATION

The only recommended route of administration of Dectiver® is the subcutaneous route at the level of the neck or in front of the pallet.

Dectiver® can be administered with a syringe of automatic or conventional type.

MECHANISM OF ACTION

Ivermectin

Ivermectin belongs to the family of avermectins, which are macrocyclic lactones from the fermentation of the actinomycete *Streptomyces avermitilis*. Of the avermectins, B1a, commonly known as Ivermectin, is the most important due to its high potency against a broad spectrum of endo and ecto parasites of domestic animals.

The mechanism of action of ivermectin involves gamma aminobutyric acid (GABA), which is a neurotransmitter of parasites.

In nematodes (round worms) ivermectin stimulates the release of GABA from nerve endings and favors the binding of GABA to its specific receptors in the nerve synapse, with which transmission of the nerve impulse is blocked and interrupts what paralyzes and causes the death of the parasite.

In arthropods (mites and lice) the mechanism of action is very similar to that in nematodes, differing only in that the nerve block occurs between the nerve end and the muscle cell, which also causes paralysis and death of the parasite.

Ivermectin has no significant effect on parasites that do not use GABA for nerve transmission, as is the case with flatworms and trematodes. In the case of mammals, the main peripheral neurotransmitter is acetylcholine, which is not affected by ivermectin, which gives a high margin of safety to its use in these species.

WARNINGS

This product should not be used 28 days before the slaughter of animals destined for human consumption.

Do not use the milk of animals treated with this product for human consumption until 28 days after the last application. Due to the toxicity that ivermectin represents to aquatic organisms, containers and their residues should be disposed of safely by incinerating or burying them.

It should not be applied intramuscularly or intravenously.

Keep out of reach of children. Store in a cool, dry place protected from light.

CONSULT THE VETERINARY

YOUR PURCHASE REQUIRES A MEDICAL PRESCRIPTION

VETERINARY USE