

INTRAMEC[®]

Solution for injections

Description

Transparent yellow solution.

Composition

1 ml of the drug contains:

active ingredient: ivermectin – 10 mg;

excipients - polysorbate 80, water for injections.

Pharmacological properties

ATCvet: QP54. Endectocides (QP54AA01. Ivermectin).

Ivermectin belongs to the group of compounds produced by soil microorganisms *Streptomyces avermitilis*. Ivermectin strengthens binding of GABA (gamma-aminobutyric acid) to special receptors on nerve endings of parasites, which results in violation of neurotransmission, paralytic stroke and death. The drug forms a kind of subcutaneous deposition of active ingredient, ensuring parasitocidal effect for 10-14 days.

Ivermectin is cytotoxic for the following types of parasites:

- nematodes (imago and larvae): *Ascaris*, *Hyostrogylus*, *Nematodirus*, *Oesophagostomum*, *Bunostomum*, *Strongyloides*, *Metastrongylus*, *Strongylus*, *Trichostrongylus*, *Ostertagia*, *Haemonchus*, *Cooperia*, *Chabertia*, *Trichuris* etc.;
- nematodes (mature): *Dictyocaulus viviparus*, *Nematodirus*, *Protostrongylus*;
- arthropods: *Otodectes*, *Haematopinus*, *Sarcoptes*, *Demodex*, *Gastrophilus*, *Hypoderma*, *Linognathus*, *Damalina*, *Solenopotes*, *Haematobia*, *Psoroptes*, *Oestrus*, *Melophagus* etc.

Administration

Dehelminthization of animals as well as insect and mite control in cattle, sheep, goats, swine. Applied in cases of parasite affection:

cattle: nematodes in digestive tract (mature and larvae of the 4th stage): *Nematodirus helvetianus*, *Ostertagia ostertagi*, *O. lyrata*, *Bunostomum trigonocephalum*, *B. phlebotomum*, *Haemonchus placei* (particularly, larvae of the 3rd stage), *Trichostrongylus axei*, *T. colubriformis*, *Cooperia pectinata*, *C. punctata*; lung helminthes: *Dictyocaulus viviparus* (mature and larvae of the 4th stage); cavity helminthes: *Setaria labiatopapillosa* (at microsetaria stage); skin helminths: *Paraphilaria bovicola* (mature); larvae of warble fly (1st and 2nd stage): *Hypoderma bovis*, *H. lineatum*; itch mites: *Psoroptes bovis*, *Sarcoptes bovis*, *Chorioptes bovis*; mites: *Demodex bovis*; lice: *Bovicola bovis*; lice: *Haematopinus eurysternus*, *Linognathus vituli*;

small cattle: nematodes in digestive tract: *Bunostomum trigonocephalum*, *Haemonchus contortus* (mature and larvae of the 3rd and 4th stage), *Ostertagia circumcincta*, *O. trifurcata*, *Oesophagostomum venulosum*, *O. columbianum* (mature and larvae of the 3rd and 4th stage), *Chabertia ovina*, *Trichostrongylus axei* (mature), *Trichostrongylus colubriformis* (mature and larvae of the 4th stage), *Trichuris ovis*; lung helminthes: *Dictyocaulus filaria* (mature and larvae of the 4th stage), *Protostrongylus rufescens*; larvae of sheep fly: *Oestrus ovis* (any larvae stage); itch mites: *Psoroptes ovis*, *Sarcoptes bovis*, *S. carpe*, *Chorioptes ovis*, *Ch. caprae*; lice: *Bovicola ovis*, *B. caprae*; lice: *Linognathus ovillus*, *L. pedalis*, *L. caprae*;

swine: nematodes in digestive tract (mature and larvae of the 4th stage): *Ascaris suum*, *Oesophagostomum dentatum*, *Strongyloides ransomi* (mature), *Trichuris suis*; lung helminthes: *Metastrongylus spp.*; kidney helminthes: *Stefanurus dentatus* (mature and larvae of the 4th stage); lice: *Haematopinus suis*; mites: *Sarcoptes suis*, *S. parvula*, *Demodex phylloides*.

Treatment of animals against nematodes is performed before stalling and in spring before depasturing, against larvae of warble flies – in the end of summer, against agents of arachnoentomosi – as per indications.

Dosage

INTRAMEC[®] is administered subcutaneously in a single dose, in cases of severe sarcoptosis double treatment with an interval of 8-10 days is needed.

The drug doses are the following:

cattle, sheep and goats: 1 ml per 50 kg body weight. Administer the drug in the skin fold in the front of or behind the shoulder blade with sterile instruments. The needle gauge of 16, 15 or 10 mm is recommended.

swine: 1 ml per 33 kg body weight. Administer subcutaneously in the neck area. Accurate dosage for swine with body weight of up to 16 kg is extremely important.

Contraindications

Do not administer to animals with infectious diseases and emaciated animals! Do not administer to cows during lactation and female animals during pregnancy in a month before parturition!

Precautions

Do not administer the drug in sub-therapeutic doses. Do not use to treat animals with hypersensitivity to ivermectin. In case of hypersensitivity to ivermectin increased salivary discharge, frequent defecation and urination, ataxia may be observed in some animals. The mentioned symptoms disappear spontaneously, without application of therapeutic agents.

Animal slaughter for meat is possible in 28 days following the last administration of the drug. Meat obtained before the mentioned term shall be utilized or fed to non-productive animals depending on the statement of veterinary physician.

Package

Cardboard boxes with 10 glass vials of 10 ml each and 100 ml sealed with rubber stoppers and aluminum caps.

Storage

Store in original packaging out of the reach of children at 5-30°C.

Shelf life

3 years.