APPROVED BY
Council for Veterinary Drugs
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Instructions
for use of the veterinary drug
Ivermectin Aqua

1 General information

1.1 Ivermectin Aqua (Ivermectinum aqua).
International non-proprietary name of the active pharmaceutical ingredient: ivermectin.
1.2 The drug is light yellow to dark yellow liquid. Demixing of the drug is allowed during storage, eliminated after shaking.
Dosage form: oral solution.
1.3 1 ml of the drug contains 40 mg of ivermectin, excipients (propylene glycol, ethoxylated sorbitan monooleate, methylparaben, propylparaben) and solvent (purified water).
1.4 The drug is packaged in a 100.0; 500.0 ml and 1.0; 3.0; 5.0; 10.0; 15.0; 20.0; 25.0 l polymer package.
1.5 The drug is stored in the manufacturer's packaging according to list B, in a dry, dark place at a temperature of plus 5°C to plus 25°C.
1.6 Expiration date is two years from the date of manufacturing, subject to the conditions of storage and transportation. After the first opening of the package - not more than 7 days. Do not use after the expiration date. The unused drug is disposed of in accordance with legal requirements.

2 Pharmacological properties

2.1 Ivermectin, as a part of the drug, has a pronounced antiparasitic effect on nematodes, lice, louse flies, gamasids (including red mite of poultry - Dermanyssus gallinae) and sarcoptic (itch) mites. It is effective against parasites that are both at the larval and sexually mature stages of development.
2.2 Ivermectin belongs to systemic antiparasitic drugs of macrocyclic lactone class. The drug enhances the development of inhibitory neurotransmitter - gamma-aminobutyric acid (GABA), which leads to nerve impulses transmission blocking, causes paralysis and death of parasites.
2.3 After oral administration, ivermectin is well absorbed in the gastrointestinal tract; it enters the systemic circulation and reaches maximum blood concentration after 1 hour. It is evenly distributed in organs and tissues. Ivermectin is eliminated with urine and feces.
2.4 In the recommended doses, the drug does not have embryotoxic, teratogenic and mutagenic effects; it is quickly destructed in external environment.

3 Method of administration

3.1 The drug is used for cattle and small ruminants, pigs, poultry, carnivores for the prevention and treatment of nematodes and arachno-entomoses.
The drug is prescribed for cattle and small ruminants with dictyocaulosis, protostrongylidosis, ostertagiosis, haemonchosis, trichostrongylosis, cooperiosis, chabertiosis, esophagostomiasis, nematodirosis, bunostomiasis, strongyloidiasis, capillariasis, trichocephalosis, thelaziosis, sifunkulatosis, mallophagosis, psoroptosis, hypodermatosis.
In pigs, it is prescribed for ascariasis, trichocephalosis, esophagostomiasis, metastrongylosis, ollulonosis, chiostrongilosis, strongyloidiasis, stephanurosis, siphunculatosis and sarcoptosis.
The drug is prescribed for poultry with nematodes (ascaridiosis, heterokidosis, capillariasis), as well as with arachnosis and entomosis.
In carnivores, it is prescribed for otodectosis, notoedrosis, sarcoptosis, demodicosis, afanipterosis, linognathosis, trichodectosis, cheyletiellosis and other.
3.2 The drug is administered orally:
- cattle and small ruminants - individually at a dose of 0.25 ml per 50 kg of animal body weight (0.2 mg of ivermectin per 1 kg of animal body weight), with nematodes and entomosis - two days in a row, with arachnosis - three times: twice at intervals of 24 hours, and then once every 14 days. Before use, the required amount of the drug is mixed with drinking water in a ratio of 1:10.
- pigs - in a group with drinking water at a daily dose of 1 ml per 100 kg of animal body weight (0.4 mg of ivermectin per 1 kg of animal body weight), with nematodes - once, with arachno-entomoses - twice with an interval of 14 days;
- poultry (broiler chickens, breeding birds, replacement birds and birds during the molting period) - in a group with drinking water at a dose of 100 ml per 1 ton of water (0.4 mg ivermectin per 1 kg of bird weight), with nematodes - once, with arachno-entomoses - twice with an interval of 14 days;

- carnivores (dogs, cats, foxes, arctic foxes, minks, ferrets, sables) - individually with a small amount of food or water for drinking in a single dose of 0.05 ml per 10 kg of animal body weight (0.2 mg of ivermectin per 1 kg animal body weight), with nematodosis - once, with otodectosis, notoedrosis, sarcoptosis, demodicosis - 1 time in 3 days for 21 days, with aphanipterosis, linognatosis, trichodectosis, cheyletiellosis - twice with an interval of 14 days.

In the group method of administration for drug therapeutic solution preparation in a dose calculated for the treated livestock, it is diluted in 1/4 of the daily water intake consumed by poultry, or in 1/3 of the daily water intake consumed by pigs.

In the group method of administration for therapeutic solution preparation in a dose calculated for the treated livestock, the drug is diluted in a part of the daily water intake consumed by poultry, or in 1/3 of the daily water intake consumed by pigs.

Violations of the drug regimen shall be avoided, as this may lead to a decrease of drug efficiency. If the next treatment is missed, it shall be carried out as soon as possible in the same dose.

3.3 Before large scale treatment, each batch of the drug is checked on a small livestock (10-20 heads) of different age and nutritional state. In the absence of signs of poisoning, all livestock is treated within three days after treatment.

3.4 In recommended doses, the drug does not have a toxic effect and does not cause adverse events. In rare cases (undernourishment, increased individual sensitivity, etc.), increased salivation, defecation and urination, and ataxia are possible. These symptoms usually disappear spontaneously without the use of therapeutic agents. With increased individual sensitivity to the components of the drug and the appearance of allergic reactions, antihistamines and symptomatic therapy is prescribed.

3.5 In case of an overdose of the drug, depression, tremor, refusal to feed, loose stools can be observed. There are no specific detoxification agents, general measures and symptomatic therapy are used for drug elimination.

3.6 Contraindication for the use of the drug is an individual hypersensitivity to the components.

It is not allowed to use the drug concomitantly with drugs containing macrocyclic lactones, due to the possible mutual enhancement of the toxic effect.

3.7 It is forbidden to use the drug in productive animals (of all types), from which milk is used for human consumption.

Do not use the drug in birds, if their eggs are used as human food, food for replacement chickens less than 14 days before the start of laying due to the accumulation of ivermectin in eggs.

3.8 Slaughter of cattle and small ruminants, pigs, poultry for meat is allowed no earlier than 28 days after the last use of the drug. In case of forced slaughter of animals earlier than the specified period, the meat is used to feed carnivores.

4 Preventive measures

4.1 When working with the drug, personal hygiene measures and safety regulations shall be observed.

5 Claim procedure

5.1 In case of complications after the use of the drug, its administration is discontinued, and the consumer shall contact the State Veterinary Institution according to the location.

Veterinary specialists of this institution shall study the compliance with all the rules for the use of the drug in accordance with the instructions. When confirming the detection of an adverse effect of the drug on the animal's body, veterinary specialists shall take samples in the required quantity for laboratory tests, develop a sampling report and send it to the State Institution "Belarusian State Veterinary Center" (220005, Minsk city, 19A Krasnaya str.) for confirmation of compliance with regulatory documents.

6 Full name of the manufacturer

6.1 Limited Liability Company "Stovek", the Republic of Belarus, 222660, Minsk region, Stolbtsy, 2 Zadvoryenskaya str.

The Instructions for use of the drug was developed by the employees of Stovek LLC (Piotukh A.S., Plomodjalov D.A.)

/Stamp:
Department of Veterinary and Food
Supervision of the Ministry of Agriculture and
Food of the Republic of Belarus
Council for Veterinary Drugs
APPROVED,
Chairman /signed/
Secretary /signed/
Expert /signed/
08.11.2022 minutes No. 123/