

Biopiran®

Antiparasitic blood in injectable solution.

REG. SAGARPA Q-2083-160

FORMULA

Each mL contains:
Imidocarb dipropionate 120 mg
Vehicle c.b.p. 1 mL

PRESENTATIONS

100 mL

INDICATIONS

Biopiran® is indicated in the treatment and control of Babesiosis caused by *Babesia* spp. In cattle, horses and canines, as well as Anaplasmosis caused by *Anaplasma marginale* in bovines. Both diseases are produced by hemoparasites transmitted by vectors such as ticks and other insects. Biopiran® can be used in situations where susceptible animals are in areas of incidence of Babesiosis and Anaplasmosis or in cases where the infections are mixed or unknown agent.

When Biopiran® is used in the conditions described, its administration alone does not confer immunity. This will always depend on the animal's exposure to the causal agents, *Babesia* and *Anaplasma*. So during the first days after the introduction of susceptible animals do NOT apply ticks or insecticides because ticks and flies are the main vectors of these diseases, being necessary the presence of parasites in the blood of animals to achieve a solid and durable protection.

Observe the animals and the presentation of the first clinical signs, such as fever, depression, lack of appetite, agitated breathing, haemoglobinuria, jaundice, etc., apply Biopiran®. In conjunction with the use of this product, it is recommended to provide symptomatic (antipyretic, anti-inflammatory) and supportive treatment (antibiotics, vitamins, hematopoietics).

USE

Bovine, equine and canine.

DOSAGE AND ROUTE OF ADMINISTRATION

In bovines via subcutaneous or intramuscular application.

In the treatment of confirmed babesiosis, administer 1 mL of Biopiran® per 100 kg of body weight. In the treatment of anaplasmosis and mixed infections (by *Anaplasma* and *Babesia*), administer 2.5 mL of Biopiran® per 100 kg of body weight.

In case of anaplasmosis, the application of a second dose may be necessary when the first signs of the disease appear.



In controlled exposure to hemoparasites the first signs of Babesia infection appear after an incubation period that varies from 8 to 14 days depending on the species. The recommended dose for control of babesiosis is 1 mL per 100 kg of weight. Some weeks after they can vary from 4 - 8 weeks, signs of anaplasmosis appear. In case the clinical picture is severe, it is recommended to use a dose of 2.5 mL per 100 kg of body weight.

In the chemoprophylactic treatment Biopiran® can be used for the prevention when the susceptible livestock is introduced in enzootic areas or with risk of anaplasmosis and / or piroplasmosis under the following schedule:

Day 0: Introduction of susceptible animals. Expose them to fly and ticks without giving any treatment.

Day 5 - 7: First application of Biopiran®. Treat livestock against flies and ticks according to the farm's schedule of baths.

Day 42: Second application of Biopiran®

Never repeat the treatment with Biopiran® before 7 days have passed since the last administration.

In equines intramuscular application

In case of babesiosis, administer 2 mL per 100 kg of body weight. Used prophylactically, this dose will protect the animals for approximately 4 weeks. When the causative agent is Theileria equi (B. equi), it will be necessary to administer a second dose 24 hours after the first.

In canines via intramuscular or subcutaneous application

In case of babesiosis, administer 0.5 mL per 20 kg of body weight.

WARNINGS

This product should not be used 90 days before the slaughter of animals intended for human consumption.

The treated animals may show cholinergic signs such as salivation, lacrimation and passing colic. It is recommended to apply Atropine Sulfate as a treatment and consult the Veterinarian. Avoid use in case of pulmonary, hepatic or renal dysfunction.

Do not use in animals exposed to cholinesterase inhibitor drugs, pesticides or chemicals.

Do not apply to dairy cattle whose milk is intended for human consumption, or donkeys.

Do not exceed the recommended dose.

Do not administer intravenously.

Store in a cool, dry place.

Keep out of reach of children.

SEE THE VETERINARY PHYSICIAN
YOUR SALE REQUIRES MEDICAL RECIPE
VETERINARY USE