

UKRAINE
MINISTRY OF AGRARIAN POLICY
STATE DEPARTMENT OF VETERINARY MEDICINE

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APPROVED

Chief State Inspector of Veterinary Medicine
of Ministry of Agrarian Policy of Ukraine

[Signature] **P.I. Verbitsky**

[Seal]

MANUALS
for the use of Izatizon preparation

description

Oily liquid of orange-yellow color.

composition

100 ml of the preparation contains (g)

1-methylisatin semicarbazone-3-2.

pharmacological properties

Izatizon is a complex antiviral, antibacterial, antifungous and immune modulating preparation, which has wide spectrum of action, providing high medicinal-prophylactic, anti-inflammatory and anti-histamine effect, and increases the resistance of animals' organism. In the conditions of aerosol use the preparation penetrates easily through biological barriers, blocks viruses' reproduction, and oppresses propagation of pathogenic microorganisms.

USE

Treatment of viral, bacterial and fungous diseases of agricultural animals and bees.

Prophylaxis of viral, bacterial and compound infections in fowl, minks, nutrias and rabbits as well as their treatment; immunity strengthening and increase of productivity of fowl, agricultural animals and useful insects.

DOSAGE

Intrauterinal at acute and purulent forms of cows' endometritis; the preparation is diluted in the proportion 1:10 (20 ml of izatizon and 180 ml of physiological solution) and introduced in volume 200 ml using a syringe batcher 1 time every other day. The treatment course at acute endometritis comprises 5 days, and at purulent one it is 6 days. In obstetric and gynaecological pathology of cattle the preparation increases fertilization level in outgrown cows up to 93.5% (compared to 53.8 – 80% in the controls).

The inhalation treatment of calves aged 1-3 months, suffering from parainfluenza-3, is carried out in impermeable chambers, as which separate boxes in calf-shed lobbies could be used (the number is one animal per 1.5-2 m³). The aerosol form of the preparation is obtained using SAG-1 and a compressor, which feeds air under pressure of 3-4 atmospheres. Izatizon is dispersed counting 2.0 ml per 1 m³ of the room, once a day during 3 days, the exposition time being 30-40 min. Izatizon is used in a similar way for the prophylaxis of colts, piglets, calves and other agricultural animals against the infection of upper respiratory tract, enteroviral and intestinal infections; the preparation is added into fodder or into water (1-2 ml per 10 kg of live weight).

The aerosol treatment (SAG-1, pressure 3.5-4 atmospheres) by 2 ml of izatizon per 1 m³ of the room is used for the prophylaxis and treatment of fowl suffering from viral and bacterial diseases. The duration of one séance is 30-40 min, once a day during 3 days. Izatizon is added into fodder or used as aerosol from March till September at viral, bacterial and compound infections of bees.

The treatment is carried out by aerosol into beehives with separated honeycombs using hand sprayer. Prior to spitting izatizon is diluted in warm water (in ratio 1:100 for prophylaxis and 1:50 for treatment); 10-15 ml of this solution is spent per each honeycomb. The treatment course consists of 4 treatments at intervals of 48 hours.

Izatizon in balloons is used for honeycomb spitting by means of high dispersion aerosol making (duration 2-3 s), the exposition time being 5-10 min. If izatizon is added into fodder (pastes, syrup, candy, whole milk substitute), the ratio 1:100 for prophylaxis and 1:50 for treatment should be maintained.

CONTRA-INDICATIONS

Not determined

CAUTIONS

Schemes and way of use won't permit any overdose.

PRODUCTION FORM

Flasks of dark glass of 25; 50; 100 and 1000 ml, aerosol balloons.

STORAGE

Dry and dark place; temperature ranging from +15°C to 25°C.

The term of storage is 3 years.

If the preparation does not correspond to the demands mentioned in the instruction or complications appeared after its taking, the use of this series should be terminated immediately, and SRCI of Veterinary Preparations, as well as supplier (manufacturer), should be informed. Three samples of this series, picked in commission and sealed, together with the detailed description of complications, should be sent by the following address:

State Research Control Institute of
Veterinary Preparations and Food Supplements
11 Donetska Str., Lviv, 79019, Ukraine.

The instruction has been worked out by SRCI of Veterinary Preparations and Food Supplements of Ministry of Agrarian Policy of Ukraine, Institute of Molecular Biology and Genetics of NAS of Ukraine, and "Dobrodeya" research-and-production association. It has been examined and approved by academic council of SRCI of Veterinary Preparations and Food Supplements (protocol N° 2 of 12.02.2002).