

Package Insert

Biozan-500

Oxyclozanide, Oxfendazole

Dosage form:

Oral tablets for veterinary use

Pharmacotherapeutic group: Broad-spectrum anthelmintic agent

ATCvet code: QP52AC52

Target species: Cattle and small ruminants

Composition

One tablet contains:

Oxyclozanide – 375 mg

Oxfendazole – 125 mg

Description

Lilac-colored tablets, possibly with a brownish shade and speckles.

One side has a score line, the other side is marked “BIO”.

Presentation

300 tablets in a polyethylene container.

Pharmacological Properties

Oxyclozanide is a salicylanilide group broad-spectrum anthelmintic effective against immature and adult parasites. It is used for prevention and treatment of fasciolosis, paramphistomosis and moniezirosis.

Its mechanism of action is based on disruption of oxidative phosphorylation and reduction of ATP levels in parasites, leading to metabolic disturbance and parasite death.

Absorption is slow; after oral administration therapeutic plasma concentration is reached within 24 hours. It is excreted mainly in feces.

Oxfendazole is a benzimidazole group broad-spectrum anthelmintic effective against nematodes and cestodes at all developmental stages.

It is used in haemonchosis, ostertagiosis, trichostrongylosis, nematodirois, cooperiosis, oesophagostomosis, bunostomosis, dictyocaulosis and monieziosis.

Its mechanism of action is based on blocking fumarate reductase and disrupting parasite energy metabolism. It is excreted in urine.

Indications

The combination of oxclozanide and oxfendazole in Biozan-500 ensures complete deworming of animals.

Used for treatment of cattle, sheep and goats in:

- Fasciolosis
 - Paramphistomosis
 - Monieziosis
 - Dictyocaulosis
 - Haemonchosis
 - Ostertagiosis
 - Trichostrongylosis
 - Nematodirois
 - Cooperiosis
 - Oesophagostomosis
 - Bunostomosis
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Dosage and Administration

Administer orally, individually.

Pharmacological dose:

Oxclozanide – 10–15 mg/kg body weight

Oxfendazole – 5–7.5 mg/kg body weight

Practical dose:

- Fasciolosis, dictyocaulosis, haemonchosis, ostertagiosis, trichostrongylosis, nematodirosis, cooperiosis, oesophagostomosis, bunostomosis:
1 tablet per 35 kg body weight
 - Monieziosis, paramphistomosis:
1 tablet per 25 kg body weight
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Contraindications

Not recommended during the first third of pregnancy and in weakened or sick animals.

Adverse Reactions

No adverse effects observed at recommended doses.

Withdrawal Period

Meat:

Cattle – 28 days

Sheep – 21 days

Milk:

Suitable for human consumption 5 days (10 milkings) after last administration.

Storage Conditions

Store in a dry place protected from light at 15–25°C.

Keep out of reach of children.

Shelf life: 3 years.

Manufacturer country: Biotecs LLC, Georgia, Tbilisi, Yumashvili St. #8