

Package Leaflet**Biozan 990 Forte**

Oxyclozanide, Oxfendazole, Ivermectin

Dosage form:

Tablets for oral administration. For veterinary use.

Pharmacotherapeutic group: Anthelmintic

ATCvet code: QP54AA51 ivermectin, combinations

Target species: Cattle, sheep and goats

Composition

One tablet contains:

- Oxyclozanide – 680 mg
- Oxfendazole – 300 mg
- Ivermectin – 10 mg

Presentation:

#300 tablets in a polyethylene container.

Description:

Lilac-colored tablets, may have a brownish shade and speckles. One side is scored, the other side bears the inscription “BIO”.

Pharmacological properties

The product has a broad-spectrum anthelmintic activity. The combination of active ingredients (oxyclozanide, oxfendazole, ivermectin) ensures complete deworming of cattle and small ruminants against nematodes, trematodes and cestodes.

Oxyclozanide (salicylanilide group) is effective against immature and adult parasites. It is used for the prevention and treatment of fasciolosis, paramphistomosis and moniezirosis. Its mechanism is based on reducing ATP levels and disrupting oxidative phosphorylation and metabolic processes, leading to parasite death. It is slowly absorbed; therapeutic plasma concentration is reached within 24 hours and excreted mainly with feces.

Oxfendazole (benzimidazole group) acts against nematodes and cestodes at all developmental stages. It blocks fumarate reductase and disrupts parasite energy metabolism. It is excreted mainly via urine.

Ivermectin (macrocyclic lactone group) is a semi-synthetic broad-spectrum antiparasitic agent effective against nematodes, cestodes and arthropods. It enhances GABA release in presynaptic neurons, disrupting nerve impulse transmission, causing paralysis and death of parasites. Rapidly absorbed; peak plasma concentration is reached within 4 hours. Elimination half-life is 1.6–1.8 days. Excreted via urine and bile.

Indications

For treatment of cattle, sheep and goats in cases of:

Fasciolosis, dicroceliosis, paramphistomosis, moniezirosis, avitellinosis, dictyocaulosis, haemonchosis, ostertagiosis, trichostrongylosis, nematodirosis, cooperiosis, oesophagostomosis, bunostomosis and oestrosis.

Dosage and administration

Administer orally, individually.

Pharmacological dose:

- Oxytocanide: 10–15 mg/kg body weight
- Oxfendazole: 5–7.5 mg/kg body weight
- Ivermectin: 0.2–0.4 mg/kg body weight

Practical dose:

- For fasciolosis, dicroceliosis, dictyocaulosis, haemonchosis, ostertagiosis, trichostrongylosis, nematodirosis, cooperiosis, oesophagostomosis, bunostomosis, oestrosis: 1 tablet per 65 kg body weight.
 - For moniezirosis, avitellinosis, paramphistomosis: 1 tablet per 55 kg body weight.
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Contraindications

Not recommended during the first trimester of pregnancy, or in weakened and diseased animals.

Adverse reactions

No adverse effects observed when used at recommended doses.

Withdrawal period

Slaughter for meat:

- Cattle – 28 days after last administration
- Sheep and goats – 21 days after last administration

Milk: suitable for 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.