

Neomox Bolus

Dosage form: Intrauterine bolus for veterinary use

Pharmacotherapeutic group: Systemic antimicrobial, antibacterial agent

Target species: Cattle (beef and dairy), small ruminants (sheep, goats), pigs, horses

Composition

Each 4 g bolus contains active substances:

- Neomycin sulfate – 500 mg
- Oxytetracycline hydrochloride – 500 mg

Excipients:

Potato starch 1.2 g, lactose 1 g, microcrystalline cellulose 0.36 g, sodium croscarmellose 0.2 g, polyvinylpyrrolidone 0.08 g, magnesium stearate 0.04 g, talc 0.12 g.

Description

Yellow, elongated bolus. Scored on one side and marked “BIO” on the other side.

Presentation

Elongated solid bolus, 6 boluses per blister.

5 blisters packed in a cardboard box.

Pharmacological properties

Neomycin is a broad-spectrum aminoglycoside antibiotic with bactericidal activity against Gram-negative bacteria (*E. coli*, *Salmonella* spp., *Klebsiella* spp., *Proteus* spp., *Shigella*, *Enterobacteriaceae*, *Staphylococcus* spp.) and some Gram-positive bacteria.

Oxytetracycline is a broad-spectrum tetracycline antibiotic active against numerous Gram-positive and Gram-negative bacteria (*Staphylococcus*, *Streptococcus*, *Micrococcus*, *Bacillus*, *Corynebacterium*, *Campylobacter*) and protozoa (*Trichomonas vaginalis*).

Indications

Used for prevention and treatment of postpartum genital infections in cattle, small ruminants, horses, and pigs caused by microorganisms sensitive to neomycin and oxytetracycline.

Indicated in:

- Complicated and pathological parturition
- Abortions
- Surgical removal of retained placenta
- Acute postpartum endometritis

Dosage and administration

External genitalia must be sanitized before administration.

Administer 2–4 hours after parturition.

Prophylaxis:

- Cattle, horses: 1 bolus intrauterine once or twice at 48-hour intervals.
- Sheep, goats, sows: ½ bolus intrauterine once or twice at 48-hour intervals.

Treatment:

- Cows, horses: 1–3 boluses intrauterine every 48 hours until recovery.
- Sheep, goats, sows: 1–2 boluses intrauterine every 48 hours until recovery.

In severe cases, administer every 24 hours.

Procedure is repeated up to 3 times, if necessary not more than 5 times.

Side effects

Very rarely allergic reactions may occur (fever, angioedema, itching, erythema, skin rash).

Contraindications

Hypersensitivity to aminoglycosides or tetracycline antibiotics.

Withdrawal period

Meat: Animals may be slaughtered for meat 6 days after last administration.

Milk: Allowed for human consumption 4 days after last administration.

Before these periods, meat and milk may only be used for non-productive animals or must be disposed of according to veterinary instructions.

Storage conditions

Store in a dry, dark place at 10°C–25°C.

Keep out of reach of children.

Do not store together with food, beverages, or animal feed.

Shelf life

2 years from date of manufacture.

Manufacturer:

LLC “Biotecs”, Georgia, Tbilisi, Iumashev str. #8