

# ALBAN® 10%

REGISTRATION: Q-0209-104



## Oral suspension.

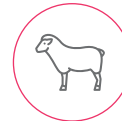
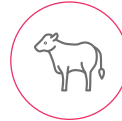
Broad-spectrum anthelmintic and fasciolicide.



### Formula

Each mL contains:	
Albendazole	100 mg
Vehicle q.s.	1 mL

### Use in species



### INDICATIONS FOR USE AND TARGET SPECIES

Broad-spectrum anthelmintic, tenicide, and fasciolicide indicated in cattle, sheep, and goats for the control of *Toxocara vitorum*, *Bonustomum spp.*, *Chabertia ovina*, *Cooperia spp.*, *Haemonchus spp.*, *Nematodirus spp.*, *Trichostrongylus spp.*, *Ostertagia spp.*, *Strongylus spp.*, *Dictyocaulus spp.*, *Moniezia spp.*, *Fasciola hepatica*, and *Fasciola gigantica*.

### PHARMACOLOGY

#### • PHARMACOKINETICS:

Albendazole is absorbed through the digestive tract; in ruminants it undergoes partial degradation in ruminal fluids and presents enterohepatic cycling, which increases its metabolism. The main metabolic pathways of albendazole occur via sulfoxidation, with other metabolites derived from aryl-hydroxylation of the carbamate nucleus. It is excreted in urine, where 30 to 50% of the orally administered dose is recovered.

#### • PHARMACODYNAMICS:

The mechanism of action of albendazole involves inhibiting tubulin polymerization and fumarate reductase, leading to a deficiency in mitochondrial energy generation in the form of adenosine triphosphate, causing parasite death.

### DOSAGE

Cattle: 1 mL per 20 kg body weight for pulmonary and intestinal helminths (equivalent to 5 mg), single dose; 1 mL per 10 kg body weight (equivalent to 10 mg) for fascioliasis. Sheep and goats: 0.37 mL per 10 kg body weight (equivalent to 3.7 mg) for pulmonary and intestinal helminths; 0.75 mL per 10 kg body weight for fascioliasis.



**ROUTE OF ADMINISTRATION:** ORAL

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## **WARNINGS**

Due to its potential embryotoxicity, it must not be administered to females in the first third of gestation. Avoid direct contact with skin; the use of gloves during handling is recommended, and hands should be washed after use. Sale requires a medical prescription. Consult a Veterinarian. Veterinary use only.

## **WITHDRAWAL PERIOD:**

In cattle, animals intended for human consumption must not be slaughtered until 10 days after the last treatment. In sheep and goats, animals intended for human consumption must not be slaughtered until 4 days after the last treatment.

## **STORAGE CONDITIONS:**

Store the product in a cool, dry place protected from light. Keep out of reach of children.

**For exclusive use by the Veterinarian**