

Helmiban Vet bolus

Albendazole USP 600 mg

#### Presentation

Helmiban Vet bolus: Each bolus contains Albendazole USP 600 mg.

#### Description

Albendazole is a member of the Benzimidazole group of anthelmintic agents which is an ideal broad spectrum anthelmintic. Albendazole inhibits polymerization of tubulin causes loss of cytoplasmic microtubules that leads to impaired uptake of glucose, depletes glycogen stores, degenerative change in the endoplasmic reticulum and mitochondria & decrease production of ATP. It also inhibits the enzyme fumarate reductase which is a co-enzyme in many cellular oxidation-reduction reactions result no energy production and immobilization and death of parasites.

#### Indications

Albendazole is used as anthelmintic against most nematodes and cestodes. It is effective against these gastro-intestinal parasites Bunostomum, Chabertia, Cooperia, Haemonchus, Ostertagia, Nematodirus, Strongyloides, Dictyocaulus viviparus, Moniezia expansa, Liver flukes and Paramphistomes. It is also effective against different types of worms, lung flukes and lung nematodes.

#### Dosages

To keep animal free from helminths animal should be treated at 3 months interval.

Cattle & Buffalo: 7.5-10 mg/kg body weight or ½ bolus for 30-40 kg body weight, 1 bolus for 60-80 kg body weight & 2 boli for 120-160 kg body weight.

Goat & Sheep: 5-7.5 mg/kg body weight or 1/6 bolus for 13-20 kg body weight & 1/3 bolus for 27-40 kg body weight.

Dog & Cat: 15 mg/kg body weight or 1/4 bolus for 8-10 kg body weight & 1/2 bolus for 16-20 kg body weight.

Or as directed by the registered Veterinarian.

## Side Effects

Albendazole is time tested and clinically proven well tolerated drug. Established wide safety margin than any other anthelmintic due to greater selective affinity for parasitic b-tubulin than for animal tissues. However, in some cases nausea and vomiting may occur.

## Precautions

Before using Albendazole inform the registered Veterinarian that your animals are not allergic to it; or to other benzimidazole anthelmintic drugs (e.g. Mebendazole).

## Contraindications

Other types of anthelmintic should not be fed to animal with Albendazole or within few days. Moreover, it is contraindicated to hypersensitivity to its any active ingredients of the preparation.

## Use in pregnancy & lactation

Albendazole may be used first 45 days of pregnancy of cow. Do not administer to ewes or does during the first 30 days of pregnancy. Sufficient data on use during lactation is not available. Therefore breast feeding should be discontinued during and for a minimum of 5 days after treatment.

## Drug Interaction

Cimetidine, Praziquantel and Dexamethasone have been reported to increase the plasma levels of Albendazole active metabolite.

## Overdose

If poisoning or excessive overdosage is suspected, it is recommended for vomiting be induced or gastric lavage and such symptomatic supportive therapy to be administered.

## Withdrawal period

Milk: 2.5-3 days

Meat:

Cattle: 14 days

Sheep & goat: 4 days

### Storage

Protect from light & keep in a cool and dry place. Keep out of the reach of children.

### Commercial Packaging

Helmiban Vet bolus: Each commercial box contains 5 Alu Alu blisters of 4 boli.