



Reg. No.: 3445/2012 M.O.H

# DELTA ZOLE 2.5%

Oral Suspension

## Composition

Each 1 ml Deltazole 2.5% contains

**Albendazole** 25 mg

## Properties

Albendazole is a broad spectrum anthelmintic which is highly effective against gastrointestinal round worms, lungworms, tape worms and adult liver flukes infestation in cattle, sheep and goat.

## Mode of action

Albendazole is a benzimidazole anthelmintic act by:

1. Binding to tubulin, structural protein and block polymerization of tubulin into micro tubules, this leads to damage in the integrity and transport functions of the absorptive cells within the parasite.
2. Inactivation of electron transport enzymes as fumarate reductase which interferes with absorption and utilization of food stuffs by parasite.

## Indications

**In cattle** used in the treatment and control of gastrointestinal round worms as ostertagia ostertagia, adult and inhibited larvae and lung worms dictyocaulus viviparus, adult and inhibited liver fluke, fasciola hepatica adults and immature 8 weeks.

**In sheep** used in the treatment and control of gastrointestinal round worms as ostertagia circumcincta adult and inhibited larvae, lung worm dictyocaulus filaria liver fluke fasciola hepatica and gigantica adult.



## Dosage and route of administration

Orally via drinking water

### Cattle

In roundworm 3 ml deltaxole 2.5% / 10 kg body weight.

In liver flukes 4 ml of deltaxole 2.5% / 10 kg body weight.

### Sheep

In round worm 2 ml deltaxole 2.5% / 10 kg body weight.

In liver flukes 3 ml of deltaxole 2.5% / 10 kg body weight.

## Warning and precautions

1. Not to be used for animals producing milk for human consumption.
2. Not to be used for animals with known hypersensitivity to albendazole.
3. **Not to be used during early stage of pregnancy** (Not administer to female in the first 45 days of pregnancy or for 45 after removal of bulls in cattle or ewes in sheep).
4. Not to be used with other ruminal boluses.
5. Not to be given with organophosphorus compounds.
6. Not to be used during coughing for some weeks after in cattle suffering severe lung damage at the time of treatment.
7. To be used under veterinarian supervision.

## Side effects

Hepatic failure, GIT disturbances and Anemia.

## Withdrawal time

### Cattle and sheep

**Meat:** 14 days after last treatment.

## Storage conditions

Store at controlled room temperature.



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