

Helmex Plus Drench

For Veterinary Use Only

COMPOSITION

Each ml contains

Levamisole HCl15mg
Oxyclozanide30mg
Cobalt Sulphate1.67mg
Sodium Selenite0.50mg

INDICATIONS

Helmex plus Drench is effective in cattle, sheep, goat for all types of gastrointestinal worms including Ostertagia and Nematodirus, Lung worms, tape worms segments and liver flukes. It covers the deficiency of cobalt sulphate and sodium selenite.

Helmex plus Drench has a high safety margin due to which it equally effective at all ages including young, pregnant and lactating animals with no diet restriction.

PHARMACODYNAMICS

Levamisole acts on the acetylcholine receptors of worms leading to paralysis and death of parasite. Levamisole also restores the body immune system by chemo taxis of macrophages and T-lymphocyte. Oxyclozanide belongs to Salicylanilide group of anthelmintic which is effective against Fasciola species, acting as an uncouple of oxidative phosphorylation of parasites. It may act at more than one site to decrease the levels of ATP leading to metabolic malfunction and death of parasite. Cobalt helps in the synthesis of vitamin B-12 in ruminants, while selenium acts as an antioxidant and works against the oxidizing effects of parasitic toxins results relief from parasitic stress.

PHARMACOKINETICS

Levamisole is quickly absorbed into blood stream after oral administration. It is quickly distributed into throughout the whole body, including body fluids like bronchial mucus and tears. Levamisole is metabolized in liver and after 24 hours of administration 90% dose is excreted through kidneys.

Oxyclozanide is slowly absorbed after oral administration with peak plasma levels 24 hours after dosing. Excretion is predominantly fecal,

biliary excretion being the most important route of elimination (cattle studies only).

DOSAGE AND ADMINISTRATION

The normal dosage is 5ml per 10Kg body weight.

Cattle		Sheep / Goat	
1ml / 2kg bodyweight		1ml / 2 kg bodyweight	
Bodyweight	Dose	Bodyweight	Dose
75kg	37.5ml	15kg	7.5ml
76-125kg	62.5ml	16-25kg	12.5ml
126-175kg	87.5ml	26-35kg	17.5ml
176-225kg	112.5ml	36-45kg	22.5ml
225-300kg	150ml	66-85kg	42.5ml

Withdrawal Period Meat: 14 days, **Milk:** 24 hours

PRECAUTIONS

- Shake well before use.
- Store between 15-25°C in a cool and dry place.
- Consult the veterinarian before use
- Keep out of the reach of Children.

Innovator's Specs



Manufactured by:
Selmores Pharmaceuticals (Pvt) Ltd.
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