

Oxasel

DRENCH

For Veterinary Use Only

COMPOSITION:

Each ml contains:
Oxfendazole.....22.65mg

FEATURES:

OXASEL Drench contains Oxfendazole which is the sulfoxide form of Fenbendazole, a broad spectrum benzimidazole anthelmintic. Its main use is for protecting livestock against roundworms, strongyles and pinworms.

INDICATIONS:

OXASEL Drench is effective against all types of stomach worms in cows, buffaloes, sheep and goats. It can also kill mature and immature stomach round worms, liver worms and tape worms. The usage of OXASEL Drench can also kill off the eggs of round worms. In addition to this, OXASEL Drench can cure the diseases of immature worms and adult round worms in animals.

- OXASEL Drench is effective against both larvae and adult worms in animals of all ages.
- OXASEL Drench is also effective against the Ostertagia and Hamonchus types of larvae in sheep and the Ostertagia and Cooperia types of larvae in buffaloes.
- OXASEL Drench eliminates Moniza and Dictyocaulus types of worms in animals.

Pharmacodynamic properties:

The active ingredient is oxfendazole, one of the benzimidazole group of compounds with anthelmintic activity. Benzimidazoles bind to nematode tubulin, a protein necessary for the formation and viability of microtubules, primarily in the absorptive intestinal cells of the nematode. This results in a complete absence of microtubules in the intestinal cells leading to a reduction in the absorption of nutrients, a reduction in glycogen and the effective starvation of the parasite. Structural differences between tubulin from mammalian and helminth sources results in the preferential toxicity of oxfendazole to the helminth and not to the host. Benzimidazoles have also been shown to inhibit the fumarate reductase system of helminths and impair energy production.

Pharmacokinetic properties

In drinking water for Poultry: 1ml/litre
Cattle & Horse: 3ml/100kg body weight
Dogs: 1ml/10kg body weight

Oxfendazole is slowly and incompletely absorbed after oral administration, with C_{max} reached between 15 and 30 hours, followed by slow elimination. This slow rate of absorption and elimination means that the drug is in contact with the helminths for significantly long periods of time. Oxfendazole has four main metabolites Fenbendazole, fenbendazole sulphone, p-hydroxyl fenbendazole and fenbendazole amine. While oxfendazole and fenbendazole are anthelmintically active, the other metabolites have minimal or no anthelmintic activity.

Dosage and Administration:

Administer orally according to bodyweight;

Sheep / Goat: 1ml per 5kg bodyweight

Body Weight	Recommended Dose
10-20Kg	2-4ml
20-40Kg	4-8ml
40-60Kg	8-12ml
Above 60Kg give ml for each additional 05Kg body weight	

Cattle & Camels: 1ml per 8kg bodyweight.

Body Weight	Recommended Dose
80-160Kg	10-20ml
160-240Kg	20-30ml
240-320kg	30-40ml
320-400Kg	40-50ml
400-480Kg	50-60ml
480-560kg	60-70ml
560-640Kg	70-80ml
After 640kg give 1ml for each additional 8kg bodyweight.	

Horses: 10ml per 22kg bodyweight.

Body Weight	Recommended Dose
45-90Kg	20-40ml
90-180Kg	40-80ml
180-360Kg	80-160ml
360-450Kg	160-200ml
Above 640Kg give 1ml for each additional 22Kg body weight	

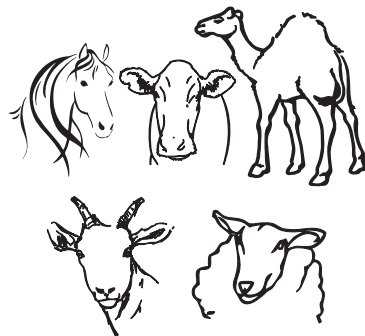
Precautions:

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

Withdrawal Time:

Meat: 14 days.
Milk: 02 day.

BP Vet Specs.



Manufactured by:
Selmores Pharmaceuticals (Pvt) Ltd.
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