



## Curafluke (Oral Drench)

Fenbendazole & Rafoxanide Nematocide & Fasciolicide For Veterinary Use

**Composition:** Each 1 ml. suspension contains:

Fenbendazole 50 mg
Rafoxanide 50 mg
Nipagine 1 mg

Nipasole 0.1 mg

## **Properties & Actions:**

Fenbendazole is one of the substituted benzimidazole - It is a vermicidal broad spectrum anthelmintic. Its absorption from the gastro-intestinal tract is limited. The plasma level is never greater than 1% of the dose administered. Small amounts are excreted for as long as 1 week after dosing. It possibly acts by irreversible inhibition of glucose uptake by the parasite. Also, it inhibits the fumerate reductase mechanism which is an essential component of fermentation, the process by which many helminths obtain their source of energy. It is an effective anthelmintic active against: Haemonchus spp., Ostertagia spp., Trichostrongylus spp., Cooperia spp., Nematodirus spp.,

Bunostomum spp., Trichuris spp., Strongylus spp., Oesophagostomum spp. and Dictyocaulus spp. It also has a significant anticestodal activity against Moniezia spp. There are no known teratogenic effects of fenbendazole.

**Rafoxanide** is a haloginated salicylanilide. It is an effective fasciolicide in cattle, sheep and goats. Following oral administration rafoxanide is absorbed presumbly from the small intestine into the blood stream. Peak plasma level occurs between 24-48 hours. Rafoxanide is not metabolised by cattle or sheep. Its biological half life varies from 5-10 days in sheep. Rafoxanide induces a neuromuscular blockade and paralysis of Fasciola worms terminating with death in a convulsive state. The efficacy of Rafoxanide for various age forms **of Fasciola species is as follows:** 

Almost 100% for 12 weeks old mature flukes 86 – 98 % for 6 weeks- old immature flukes 50% up to 98 for 4 weeks- old immature flukes.

Repeated treatment is necessary at 3 weeks intervals to eliminate maturing flukes that escape being killed at earlier treatment times. Rafoxanide is also indicated in the treatment of Haemonchosis and sheep nasal worm (Ostrus ovis).

Indication: This anthelmintic combination is used in cattle, sheep and goats for:

- Treatment of gastro-intestinal nematodes Treatment of lung worms
- Treatment of fascioliasis Treatment of sheep nasal worm (Ostrus ovis).
- Paramphistomiasis (Rumen Fluke)

## **Dosage & administration**:

the recommended therapeutic dose of rafoxanide is 8 mg. /kg and that of fenbendazole is 8 mg. / kg. b.w for cattle and sheep.

Curafluke is given orally to cattle at a dose rate of

16 ml./100 kg . body weight diluted with 100-200 ml. water as a single dose.

Curafluke is given orally to sheep and goats at a dose rate of

1 ml./ 7 kg. body weight diluted with 50 ml. water as a single dose.

**N.B.**: for treatment of **paramphistomiasis** the total dose of **CURAFLUKE** is divided into

four small doses given orally at 10 hour intervals on two successive days .

## Side effects:

- At recommended doses, animal rarely show any side effects.
- Fenbendazole is free from systemic adverse effects.
- Rafoxanide may induce transient diarrhoea.

Withholding Period: Milk: 28 days - meat: 28 days of the last treatment.

Pack quantity 1, 2.5 and 5 litres Store in a cool place below 25<sup>0</sup>

Shake well before use