

118x188mm

TROXY-34%

INJECTION

For Veterinary Use Only

COMPOSITION:

Each ml contains

Nitroxynil.....340mg

INDICATIONS:

TROXY-34% injection is indicated for the control and treatment of fascioliasis (mature and immature *Fasciola hepatica*) in cattle, buffalo, sheep and goats. Troxy 34% injection is also effective against adult and larval infestations of *Haemonchus contortus*, *H. placei*, *Oesophagostomum radiatum* and *Bunostomum phlebotomum* in ruminants.

DOSAGE AND ADMINISTRATION:

Administer the following dose by subcutaneous injection only.

Cattle: 1.5ml per 50kg body weight.

Sheep / Goat	
Weight	Dose
14 – 20kg	0.5ml
21 – 30kg	0.75ml
31 – 40kg	1.0ml
41 – 55kg	1.5ml
56 – 75kg	2.0ml
Over 75kg	2.5ml

PHARMACODYNAMIC PROPERTIES:

The main pharmacological action of nitroxynil is fasciolicidal. The lethal action against *Fasciola hepatica* has been demonstrated in vitro and in vivo in laboratory animals, and in sheep and cattle. The mechanism of action is thought to be due to uncoupling of oxidative phosphorylation.

Few other pharmacodynamic effects have been observed at therapeutic doses. Hyperpnoea and increased rectal temperature are seen at high doses, and near toxic doses cause an increase in blood pressure.

PHARMACOKINETIC PROPERTIES:

The pharmacokinetics of nitroxynil in sheep and cattle are very similar. After subcutaneous injection of a single dose of 10mg/kg peak plasma levels of 83.6ug/ml are achieved at 9.3 hours in sheep, and peak plasma levels of 91.6ug/ml are achieved at 13 hours in cattle. The plasma half-lives are 5 days and 8 days in sheep and cattle respectively. This slow rate of elimination is in accordance with the observed long duration of action of TROXY-34% against fluke in sheep and cattle.

PRECAUTIONS:

Do not use in lactating animals producing milk for human consumption.

Consult the veterinarian before use.

Keep out of the reach of children.

Store between 15-25°C in a cool and dry place.

WITHDRAWAL TIME:

Cattle Meat: 60 days.

Sheep Meat: 49 days.

BP Vet. Specs.



Manufactured by:
Selmore
Pharmaceuticals (Pvt) Ltd.
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