

Orazole^{SC}

Drench

For Veterinary Use Only

COMPOSITION:

Each 100ml contains
Oxfendazole 2.265gm
Cobalt Sulphate 0.382gm
Sodium Selenite 0.035gm

INDICATIONS FOR USE:

Orazole SC Drench is a broad spectrum anthelmintic for the treatment and control of mature and developing immature gastrointestinal roundworms, lungworms and also tapeworms in sheep. The product is oxicidal for nematode eggs. In sheep for the control of benzimidazole susceptible.

Gastrointestinal roundworms

Ostertagia spp. Haemonchus spp. Trichostrongylus Nematodirus spp, including N. battus, Coopera spp, intestinal Trichostrongylus spp. Oesophagostomum spp and Chabertia spp. Also provides useful control of chop

Lungworms: Dictyocaulus spp

Tape worms: Moniezia spp.

It is effective against inhibited larvae of Nematodirus spp. Haemonchus spp and Ostertagia spp in sheep. Selenium and Cobalt are included as nutritional supplements, to aid in the prevention and control of cobalt and selenium deficiency and improve performance of animals on cobalt and selenium deficient des

DOSAGE & ADMINISTRATION

Administer the dose orally according to body weight.

Sheep/Goats:

1ml Orazole per 5 Kg body weight.

Body Weight	Recommended Dose
10-20kg	2-4 ml
20-40kg	4-8ml
40-60kg	8-12

After 60 Kg give 1 ml for each additional 5 Kg body weight.

Cattle & Camels: 1 ml Orazole per 8 kg body weight

Body Weight	Recommended Dose
80-160	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 640 Kg give 1 ml for each additional Kg body weight.

Horses: 10 ml Orazole Per 22 kg body weight.

Body Weight	Recommended Dose
45-90kg	20-40ml
90-180kg	40-80ml
180-360kg	80-160ml
360-450kg	160-200ml

After 450 Kg give 10 ml for each additional 22 Kg body weight.

PHARMACOLOGY:

Oxfendazole belongs to a class of compounds called benzimidazole Methyl-(phenylsulphonyl)-1H-benzimidazol-2-carbamate.

Oxfendazole is believed to act by irreversibly inhibiting glucose uptake by the parasites resulting in depletion of the parasites energy sources, glycogen and ATP, and their consequent death and expulsion.

A relationship exists between plasma concentrations of active anthelmintic metabolites, the duration of high plasma metabolite concentrations and anthelmintic efficacy.

Oxfendazole is a sulphoxide identical to the sulphoxide metabolite of Fenbendazole, both are known to be anthelmintically active and metabolically interconvertible.

Reduction of Oxfendazole to Fenbendazole occurs in the ruminal fluid while oxidation of Fenbendazole to Oxfendazole is carried out by hepatic microsomal enzymes in the liver. Much of fenbendazole's anthelmintic activity is attributed to Oxfendazole, the later being much more potent. Cobalt has been recognized as a dietary essential formats since the 1930's. It is peculiar as an essential trace element in ruminants nutrition in that it is stored in the body in limited amounts only and hence symptoms of deficiency can occur very rapidly. The effect of cobalt in the rumen is to participate in the production of vitamin B₁₂, produced by ruminal micro-organisms) and compared to omnivores the requirement for vitamin B₁₂, is very much higher.

The biochemical role of selenium is as a component of the enzyme glutathione peroxidase (GSH-PX) The exact role of GSH-PX in mammalian cells is not fully understood but it is thought to act by protecting cells from oxidizing agents which are capable of irreversibly denaturing essential cellular proteins which leads to degeneration and necrosis, resulting in muscular weakness and white muscle disease commonly associated with selenium deficiency. It is believed that a deficiency in selenium can cause a decrease in the humoral response of animals to vaccination and increase the susceptibility of animals to disease. The symptoms are most pronounced in young fast

growing animals.

SPECIAL PRECAUTIONS FOR USE:

For oral administration only

The product should only be used in areas where deficiencies of cobalt and selenium are likely to occur. In cases of doubt, veterinary advice should be sought

As with any husbandry procedure, care should be taken when handling the animals especially when inserting the dosing gun nozzle into the animal's mouth. Unnecessary force should not be used as this may cause damage to the mouth and pharyngeal region

Shake container well before use

The bodyweight of animals should be assessed as accurately as possible before calculating the dose Do not exceed the recommended dosage,

As with other anthelmintics, veterinary advice should be sought:

(a) On appropriate dosing programmes and stock management to achieve adequate parasite control, and to reduce the likelihood of anthelmintic resistance developing

(b) The product does not achieve the desired effect, as other diseases, nutritional disturbances or anthelmintic resistance be present

PREGNANCY & LACTATION:

Safe for use during pregnancy and lactation, when used at the recommended dose.

Milk taken from treated animals should not be used for human consumption

INTERACTIONS WITH OTHER MEDICAMENTS:

None Known.

WITHDRAWAL TIME:

Meat: 14 days

Milk: 2 days

PRECAUTIONS:

Accurate estimates of body weight are essential for most effective results.

Shake well before use.

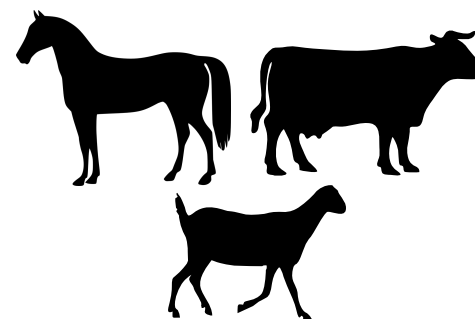
Protect from light & heat

Consult the veterinarian before use Keep out of the reach of children.

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

PRESENTATION: 100ml, 250ml, 500ml, 1000ml

Innovator's Specs.



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Manufactured by:
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