# NITROMEC INJECTION

For the treatment and control of nitroxynil, ivermectin and clorsulon sensitive strains and triclabendazole resistant strains of internal and external parasites of cattle, and early immature (including 2-week-old fluke), immature and adult liver fluke.

## **ACTIVE CONSTITUENTS**

340 g/L nitroxynil (as eglumine), 6.7 g/L ivermectin, 67 g/L clorsulon.

### **DIRECTIONS FOR USE**

By law the user must take due care, obtaining expert advice when necessary to avoid unnecessary pain and distress when using the product other than as directed on the label. READ SAFETY DIRECTIONS BEFORE OPENING OR USING.

Do not use on lactating cows or pregnant cattle that may in the future produce milk for human consumption.

The recommended dose is 1.5 ml NITROMEC INJECTION per 50 kg bodyweight (equivalent to 200 µg/kg ivermectin, 2 mg/kg clorsulon and 10.2 mg/kg nitroxynil) by subcutaneous injection. Inject high on the neck behind the ear. If required, the dose can be divided and administered in two sites. Note: Swelling at the site of injection is a possibility. This product is not to be used intravenously or intramuscularly.

See pack for dosage table. Dose the mob according to the heaviest animal by live weight in each group (cows, bulls, calves, heifers, etc.). Do not underdose. A representative sample of cattle should be weighed before treatment either with scales or with a weight band. Where there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid excessive overdosing or underdosing.

#### **EFFICACY**

NITROMEC INJECTION contains ivermectin, a member of the macrocyclic lactone family of chemicals, clorsulon, a member of the sulphonamide family of chemicals and nitroxynil a related monophenolic compound. When used at the recommended dose rate of 1.5 ml per 50 kg bodyweight, NITROMEC INJECTION is effective against sensitive strains of the following internal parasites:

- Gastro-intestinal roundworms (adult and immature): Ostertagia ostertagi – Small brown stomach worms (including third and fourth stage larvae and inhibited immatures), Haemonchus spp. – Barber's pole worm, Trichostrongylus axei – Stomach hair worm (including third and fourth stage larvae), Trichostrongylus colubriformis – Intestinal hair worm, Cooperia spp. – Small intestinal worm (including third and fourth stage) larvae), Oesophagostomum radiatum – Nodule worm (including third and fourth stage larvae), Bunostomum phlebotomum –
- (including third and fourth stage larvae).

  And adult stages of: Trichuris spp. Whipworm, Strongyloides papillosus - Intestinal worm.
- Early immature (including 2-week-old), immature and
- adult liver fluke: Fasciola hepatica. Lungworms: Dictyocaulus viviparus (adult and immature, including inhibited stages).
- Sucking lice: Linognathus vituli Long nosed sucking louse, Haematopinus eurysternus Short nosed sucking louse, Solenopotes capillatus Little blue sucking louse.
- When used as directed, NITROMEC INJECTION concurrently aids in control of biting lice: Bovicola (Damalinia) bovis.

# WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum **Residue Levels for Agricultural Compounds** 

- MEAT: Animals producing meat and offal for human consumption must not be sold for slaughter either during treatment or within 56 days of the last treatment. Calves born to cows treated with NITROMEC INJECTION during pregnancy must not be slaughtered for human consumption within 56 days of birth. Where intramuscular injection may have occurred, animals producing meat and offal for human consumption must not be slaughtered within 91 days of the last treatment.
- MILK: Do not use on lactating cows or pregnant cattle that may in the future produce milk for human consumption.

## **CAUTION: AVOID CARCASS DAMAGE**

This product may stain the coat of light coloured cattle for a period of several weeks. Exercise care where staining may be a disadvantage (e.g. show cattle). Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus. Maintain cleanliness at all times. Keep needles sharp and clean. Replace frequently. Use shortest needle possible, certainly not exceeding 15 mm. As far as possible avoid injection of animals during wet weather or under dusty conditions. This product should be injected only under the skin. If possible inject high on the neck behind the ear.

## **REGULATORY INFORMATION**

Do not handle until all safety precautions have been read and understood.

#### **DANGER**

Harmful if swallowed. Suspected of causing genetic defects. Suspected of damaging fertility or the unborn child. May cause harm to breast fed children. Causes damage to organs. Very toxic to aquatic life. Harmful to the soil environment. Toxic to terrestrial vertebrate. Very toxic to terrestrial invertebrates.



# **HANDLING PRECAUTIONS**

Avoid release to the environment. Collect spillage. If exposed or concerned seek medical advice. Wash hands thoroughly after handling. Do not eat, drink or smoke when using the product.



If swallowed: Call a POISON CENTRE 0800 POISON (0800 764 766) or doctor if you feel unwell. Rinse mouth. Avoid contact during pregnancy or while nursing.

## **PRECAUTIONS**

Resistance may develop to any chemical. Ask your local veterinary practitioner or animal health advisor for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a resistance test be conducted regularly when using any parasite treatment. Care should be taken when administering NITROMEC INJECTION or other medications to sick debilitated animals or animals in poor condition. In these cases, a veterinarian should be contacted. If product leaks from the injection site staining of the coat of light coloured cattle may occur for a period of several weeks. Exercise care where staining may be a disadvantage (eg: show cattle). Gloves are recommended during usage.

# **DISPOSAL**

Dispose of empty container and packaging by wrapping with paper and putting in garbage. Discarded needles/sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.

# **STORAGE**

Store below 30°C. Store bottle in carton to protect from light. Store

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