

**CAUTION**

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS  
FOR ANIMAL TREATMENT ONLY

# **DORATRON™**

## **INJECTION**

**ACTIVE CONSTITUENTS:  
10 mg/mL DORAMECTIN**

For the treatment and control of DORAMECTIN sensitive internal and external parasites of cattle and pigs.



**INDICATIONS FOR USE:**

For the treatment and control of DORAMECTIN sensitive internal and external parasites of cattle and pigs.

**DORATRON INJECTION** contains doramectin, a member of the macrocyclic lactone family of chemicals.

**CATTLE:**

**DORATRON INJECTION** is effective in the treatment and control of the following parasites:

**Adult and immature Gastrointestinal Roundworms:**

*Ostertagia ostertagi* (including inhibited larvae) - Small Brown Stomach Worm

*Haemonchus placei* - Barber's Pole Worm

*Trichostrongylus axei* - Stomach Hair Worm

*T. colubriformis* - Black Scour Worm

*T. longispicularis* (adults only)

*Cooperia oncophora* - Small Intestinal Worm

*Cooperia* spp.

*Bunostomum phlebotomum* - Hook Worm (adults only)

*Oesophagostomum radiatum* - Nodule Worm

*Toxocara vitulorum* - Round Worm (adult only)

**Adult and immature Lungworm:**

*Dictyocaulus viviparus*

**Sucking Lice:**

*Linognathus vituli*

*Solenopotes capillatus*

*Haematopinus eurysternus*

**Biting Lice:**

Effective as an aid in the control of biting louse (*Bovicola bovis*).

**Cattle Tick (*Rhipicephalus (Boophilus) microplus*):**

For the treatment and control of doramectin sensitive cattle tick, including synthetic pyrethroid, organophosphorus and amidine resistant strains. The persistence of doramectin prevents the development of viable cattle ticks for a period of 28 days.

**Mange Mites:**

*Chorioptes bovis*

*Sarcoptes scabiei* var. *bovis* (not present in Australia)

**PERSISTENT PROTECTION**

Trials conducted in Australia demonstrated the following levels of persistent protection against reinfection from seven common and important worm species.

Species - Period of protection following treatment

*Cooperia* spp - Up to 21 days

*Cooperia oncophora* - Up to 14 days

*Ostertagia ostertagi* - Up to 21 days

*Haemonchus placei* - Up to 21 days

*Dictyocaulus viviparus* - Up to 28 days

*Oesophagostomum radiatum* - Up to 21 days

*Trichostrongylus axei* - Up to 21 days

*Bunostomum phlebotomum* - Up to 21 days

**PIGS:**

**DORATRON INJECTION** is effective in the treatment and control of the following parasites:

**Adult and immature Gastrointestinal Roundworms:**

*Hyostromylus rubidus* - Red Stomach Worm

*Ascaris suum* - Large Roundworm

*Strongyloides ransomi* - Intestinal Threadworm (adults only)

*Oesophagostomum dentatum* - Nodule Worm

*Oesophagostomum quadrispinulatum* - Nodule Worm

*Trichuris suis* - Whipworm (adults only)

**Adult Lungworms:**

*Metastrongylus* spp.

**Adult Kidney worms:**

*Stephanurus dentatus*

**Sucking Lice:**

*Haematopinus suis*

**Mange Mites:**

*Sarcoptes scabiei* var. *suis*

**PERSISTENT PROTECTION**

Studies have demonstrated the following levels of persistent protection against reinfection:

Species - Period of protection following treatment

*Ascaris suum* - At least 7 days

*Sarcoptes scabiei* var. *suis* - At least 18 days

Worm parasites may develop resistance to any anthelmintic. If this is suspected, please contact your local veterinary practitioner or advise the manufacturer.

**DIRECTIONS FOR USE:**

**Restraints: DO NOT USE in cows during lactation or less than 60 days before calving where milk may be used or processed for human consumption.**

**Re-treatment Interval: DO NOT re-treat animals for 28 days after last treatment.**

**DOSAGE AND ADMINISTRATION:**

Use contents within 28 days of first broaching of the vial. Discard the unused portion.

**CATTLE:**

Dose rate: 1 mL per 50 kg bodyweight subcutaneously (S/C) under the skin. Administer by subcutaneous (S/C) injection (under the skin) into the neck region and preferably high up behind the ear.

Use the dose rate, according to the weight of the animal, given in the table below.

| Weight (Kg) | Dose (mL) | Weight (Kg) | Dose (mL) |
|-------------|-----------|-------------|-----------|
| 40-50       | 1         | 301-350     | 7         |
| 51-75       | 1.5       | 351-400     | 8         |
| 76-100      | 2         | 401-450     | 9         |
| 101-150     | 3         | 451-500     | 10        |
| 151-200     | 4         | 501-550     | 11        |
| 201-250     | 5         | 551-600     | 12        |
| 251-300     | 6         | 601-650     | 13        |

Cattle heavier than 650 kg should be dosed at 1 mL per 50 kg bodyweight.

A representative sample of animals should be weighed before treatment either with scales or a weighband. Dose rate to be based on the heaviest cattle in each group (bulls, cows, steers, calves, etc). Where there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid excess overdosing.

Treatment of very young animals (less than 40kg bodyweight) is generally not warranted.

#### PIGS:

Dose rate: 1 mL per 33 kg (0.3 mL per 10 kg) of bodyweight I/M. Administer by intramuscular (I/M) injection into the neck region and preferably high up behind the ear. A single treatment of 0.3 mL per 10 kg bodyweight (1 mL per 33 kg) should be given. Pigs should be weighed with either scales or a weighband. Piglets weighing 16 kg or less should be dosed in accordance with the table below.

| Weight (Kg) | Dose (mL) |
|-------------|-----------|
| 5-7         | 0.2       |
| 8-10        | 0.3       |
| 11-13       | 0.4       |
| 14-16       | 0.5       |

#### GENERAL DIRECTIONS:

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

#### Administration Equipment Information

Before using it is important that the administration equipment is properly prepared so as to avoid malfunction. Use dry, sterile syringes and needles and aseptic procedures when withdrawing and administering. To ensure no problems are experienced the following steps should be taken:

1. Remove the protective cap from the bottle and sterilise the exposed rubber stopper by wiping with disinfectant.
2. Hold the bottle upright and insert the draw-off needle firmly into the centre of the rubber stopper then push the securing device over the bottle neck.
3. Prime the injector unit before use.

Administer DORATRON INJECTION subcutaneously (S/C) in cattle or intramuscularly (I/M) in pigs in the neck region and preferably high up behind the ear. As an alternative, anywhere on the neck away from valuable carcass muscle is suitable.

Animals should be restrained to ensure that the treatment can be properly administered. When the temperature of the injectable solution is below 5°C, its viscosity increases and increased effort may be required for injecting. Syringeability can be improved by gently warming the injecting equipment and the product to 15°C.

#### Caution: avoid carcass damage

1. Sterilise all injection apparatus by boiling (or equivalent) before use (not disposable plastic syringes). Dry equipment thoroughly before use. Avoid use of strong disinfectants on apparatus.
2. Maintain cleanliness at all times.
3. Keep needles sharp, clean and dry. Replace frequently.
4. Use needles of appropriate gauge and length. For subcutaneous (S/C) administration, use only sterile, dry 16-18 gauge needles which are 15mm in length.
5. As far as possible avoid injection of animals during wet weather or under dusty conditions.
6. Intramuscular (I/M) injections in pigs should be made into muscle tissue on the side of the neck. Subcutaneous (S/C) injections in cattle should be made under the skin high on the neck behind the ear.

To avoid tissue residues, take care to estimate the weights and dosages in young animals.

#### SAFETY TO PIGS AND CATTLE

DORATRON INJECTION has a wide margin of safety when administered to cattle of all ages, including young calves and also to pigs of all ages and at all stages of the reproductive cycle. The product will specially be formulated to minimize the risk of injection site pain after administration.

#### Cattle Tick Control

The persistence of doramectin prevents the development of viable cattle ticks for a period of 28 days following treatment. However, engorged female ticks that drop off for up to 3 days after treatment may lay viable eggs and this should be taken into account when planning a strategic tick control program. If presenting cattle for clearance to tick free areas, consult your local tick advisory authority before use.

#### WITHHOLDING PERIODS:

##### Cattle:

**MEAT: DO NOT USE less than 42 days before slaughter for human consumption.**

**MILK: DO NOT USE in cows during lactation or less than 60 days before calving where milk may be used or processed for human consumption.**

##### PIGS:

**MEAT: DO NOT USE less than 35 days before slaughter for human consumption.**

**TRADE ADVICE – EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 42 days before slaughter for export. Before using this product, confirm the current ESI with Relyon (Australia) Pty Ltd on (02) 9952 6555 or the APVMA website ([www.apvma.gov.au/residues](http://www.apvma.gov.au/residues)).**

**SAFETY DIRECTIONS:** Poisonous if swallowed. Avoid contact with skin.

**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

**ENVIRONMENTAL PROTECTION:** Doramectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with chemical or used container.

When used according to label instructions, DORATRON INJECTION is not likely to have an unintended effect that is harmful to the environment or have an overall adverse impact on dung beetle populations. Increased mortality and impaired development of larvae may be expected, but for a limited period after treatment.

**DISPOSAL:** Dispose of empty container by wrapping with paper and putting in garbage.

**STORAGE:** Store below 30°C (room temperature).

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