

POISON

**KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING
FOR ANIMAL TREATMENT ONLY**

DORAMAX®
POUR-ON ENDECTOCIDE

ACTIVE CONSTITUENT: 5 mg/mL DORAMECTIN

23533F-
Batch:
EXP:

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



15 L

The Hunter River Company Pty Limited
ACN 133 798 615
74-76 Drummond Road, Shepparton VIC 3620



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183 mm

200 mm

DORAMAX Pour-On Endectocide is for the treatment and persistent control of gastrointestinal roundworms, lungworms and buffalo fly in cattle. Control of eye worms, sucking and biting lice, mange mites and cattle ticks.

DORAMAX Pour-On Endectocide contains doramectin, a member of the macrocyclic lactones family of chemicals. DORAMAX Pour-On Endectocide is highly effective in the treatment and control of the following species:

- Gastrointestinal roundworms (adults and fourth stage larvae)**
*Ostertagia ostertagi*¹ – Small brown stomach worm
Haemonchus placei – Barber's pole worm
Trichostrongylus axei – Stomach hair worm
T. colubriformis – Black scour worm
Cooperia spp.¹ – Small intestinal worm
*Cooperia oncophora*¹
Bunostomum phlebotomum – Hook worm²
Oesophagostomum radiatum – Nodule worm
Nematodirus spathiger – Thin necked intestinal worm²
Thelazia spp. – Eye worm²
Trichuris spp. – Whipworm

¹ including inhibited larvae
² adults only

Adult and immature Lungworm
Dictyocaulus viviparus

Sucking Lice
Linognathus vituli, *Haematopinus eurysternus*,
Solenopotes capillatus

Biting Lice
Bovicola bovis

Buffalo Fly
Haematobia irritans exigua

Cattle Tick³
Rhipicephalus (Boophilus) microplus

Mange Mites
Chorioptes bovis, *Sarcoptes scabiei* var. *bovis*

³ Engorged female ticks that drop off for up to 3 days after treatment may lay viable eggs.

Persistent protection:
Extensive studies have also demonstrated the following levels of persistent protection against reinfection from important worm species.

Species	Period of protection following treatment
<i>Ostertagia ostertagi</i>	Up to 35 days
<i>Haemonchus placei</i>	Up to 35 days
<i>Trichostrongylus axei</i>	Up to 35 days
<i>Cooperia</i> spp.	Up to 35 days
<i>Cooperia oncophora</i>	Up to 21 days
<i>Dictyocaulus viviparus</i>	Up to 28 days
<i>Oesophagostomum radiatum</i>	Up to 21 days
<i>Bunostomum phlebotomum</i>	Up to 21 days
DORAMAX Pour-On Endectocide controls buffalo flies (<i>Haematobia irritans exigua</i>) for up to 14 days after treatment.	

Resistance may develop to any chemical. If this is suspected please contact your local veterinary practitioner or advise the manufacturer.

DIRECTIONS FOR USE

Restraints:
Re-treatment interval: DO NOT re-treat animals for 56 days (8 weeks) after last treatment.

Dosage and Administration:
For external use only.

To obtain optimal benefit from the persistent action of DORAMAX Pour-On Endectocide against internal parasites, it is recommended that cattle which are set-stocked should be treated twice at eight week intervals.

Used in this way DORAMAX Pour-On Endectocide will reduce the build-up of infective larvae on pasture and protect such animals from parasitic gastro-enteritis and parasitic bronchitis by reducing pasture larval challenge. DOSE RATE: 1 mL of solution per 10 kg bodyweight.

Apply topically along the mid-line of the back in a narrow strip between the withers and tailhead.

Use the dose rate, according to the weight of the animal, given in the tables below. The dose rate should be based on the heaviest member in the weight range (given under the heading "weight (kg)"). Cattle should be weighed with either scales or a weighband.

Weight (kg)	Dose (mL)
40 – 50	5
51 – 75	7.5
76 – 100	10
101 – 150	15
151 – 200	20
201 – 250	25
251 – 300	30
301 – 350	35
351 – 400	40
401 – 450	45
451 – 500	50
501 – 550	55
551 – 600	60
601 – 650	65

Cattle heavier than 650 kg should be dosed at 1 mL per 10 kg. A representative sample of animals should be weighed before treatment either with scales or a weighband. Dose rate to be based on heaviest cattle in each group (bulls, cows, steers, calves, etc.). Do not underdose. Where there is a large variation in size within the group, draft into two or more lines based on body weight, to avoid excessive overdosing.

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

Administration:
Using a pour-on applicator

Attach the open end of the draw-off tubing to the pour-on applicator. Attach draw-off tubing to the draw-off cap stem. Replace shipping cap with the draw-off cap and tighten the drawoff cap. Invert the backpack. Gently prime the applicator whilst checking for leaks. Follow manufacturer's directions for correct use and care of equipment.

The DORAMAX Pour-On applicator is recommended for use with this product. Some applicators may not be suitable for use with this formulation. If unsure, check with the manufacturer, or your supplier.

General Directions:

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

For best results, do not treat cattle when their hide or hair is wet. Do not apply to areas of skin which are contaminated with mud or manure.

Product Characteristics:

DORAMAX Pour-On Endectocide is a highly active broad spectrum parasiticide for topical administration to cattle. It contains doramectin, a member of the macrocyclic lactone family of chemicals. Doramectin is isolated from fermentation of selected strains derived from the soil organism *Streptomyces avermitilis*.

The primary mode of action of doramectin is to modulate chloride ion channel activity in the nervous system of nematodes and arthropods. Doramectin binds to receptors that increase membrane permeability to chloride ions, inhibiting the electrical activity of nerve cells in nematodes and muscle cells in arthropods, causing paralysis and death of the parasites. In mammals the neuronal receptors to which doramectin binds are localised within the central nervous system (CNS), a site reached by only negligible concentrations of doramectin.

Broad-spectrum: A single treatment with DORAMAX Pour-On Endectocide effectively treats and controls a wide range of internal parasites (roundworms) and external parasites (arthropods) that impair the health and productivity of cattle.

Persistent action: The persistent drug concentrations that result from the product's unique pharmacokinetics enable it to protect cattle against parasite infection and reinfection for extended periods following treatment.

Safety: DORAMAX Pour-On Endectocide has a wide margin of safety in all classes of cattle. Its broad spectrum of activity, favourable pharmacokinetics and exceptional toleration make it an ideal product for application as an antiparasitic for cattle.

Rainfast: The efficacy of DORAMAX Pour-On Endectocide is not adversely affected if applied when the hide is wet or if rain falls shortly after treatment. However, treatment of animals with wet hides or when rain threatens should be avoided as it is not good agricultural practice.

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

MILK: Zero (0) days.

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 from The Hunter River Company on (03) 5820 8400 or the APVMA website (www.apvma.gov.au/residues).

SAFETY DIRECTIONS

Poisonous if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. When using the product, wear face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash face shield or goggles.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

ADDITIONAL USER SAFETY

Use only in well-ventilated surroundings. Additional information is listed in the safety data sheet.

ENVIRONMENTAL PROTECTION

Doramectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container. When used according to label instructions, DORAMAX Pour-On Endectocide 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

Triple-rinse container and dispose of rinsate in compliance with

relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If the container has the drumMUSTER logo visible, and has been thoroughly cleaned and dried, and is free of any visible residues, it can be recycled at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be recycled separately with the container. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

STORAGE

Store below 30°C (room temperature). Protect from direct sunlight.

APVMA Approval No. 85729/134304



UN 1993, FLAMMABLE LIQUID, N.O.S., PG II

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Keep container tightly closed.
Avoid breathing fumes, mists, vapours or spray.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

23523B-3

183 mm

200 mm