

# D-MAX™



Active Constituent:  
5mg/mL DORAMECTIN

**POUR ON FOR CATTLE**

## MAXimum protection for your cattle

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

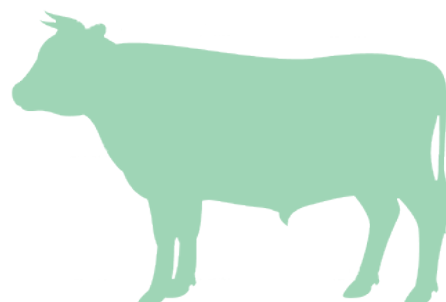
- Broad spectrum control of internal and external parasites
- Highly Effective
- Persistent protection against reinfection of important worm species
- Wide safety margin
- Rainfast



	D-MAX™ Pour On	DECTOMAX® Pour On
ACTIVE CONSTITUENT	5mg/mL Doramectin	5mg/mL Doramectin
SPECIES	Cattle	Cattle
WITHHOLDING PERIODS		
Milk	NIL	NIL
Meat	42 days	42 days
ESI	42 days	42 days

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DECTOMAX® is a registered trademark of Zoetis Services LLC



# D-MAX™ POUR ON FOR CATTLE

## INDICATIONS

D-MAX™ POUR-ON contains Doramectin a member of the macrocyclic lactone family of chemicals.

D-MAX™ POUR-ON 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.

D-MAX™ POUR-ON is highly effective in the treatment and control of the following species:

### Gastrointestinal Roundworms (adults and fourth stage larvae):

*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

*Cooperia oncophora* (including inhibited larvae)

*Cooperia* spp. (including inhibited larvae) - Small Intestinal Worm

*Bunostomum phlebotomum* - Hook Worm (adults only)

*Oesophagostomum radiatum* - Nodule Worm

*Toxocara vitulorum* (adult only) - Round Worm

*Nematodirus spathiger* - Thin Necked Intestinal Worm (adults only)

*Thelazia* spp. - Eye worm (adults only)

*Trichuris* spp. - Whipworm

### Adult and immature Lungworm

*Dictyocaulus viviparus*

### Sucking Lice

*Linognathus vituli*

*Solenopotes capillatus*

*Haematopinus eurysterus*

### Biting Lice

*Bovicola bovis*

### Buffalo Fly

*Haematobia irritans exigua*

### Cattle Tick

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

*Rhipicephalus microplus*

### Mange Mites

*Chorioptes bovis*

*Sarcoptes scabiei* var. *bovis*

## PERSISTENT PROTECTION

Extensive studies have also demonstrated the following levels of persistent protection against reinfection of 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

## DIRECTIONS FOR USE

### Restraints

Animals must not be repeat treated within 56 days (8 weeks) of a previous treatment.

### Precautions

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 manures.

## DOSAGE AND ADMINISTRATION

For external use only.

**Dose:** 1 mL per 10 kg of bodyweight.

Apply topically along the midline of the back in a narrow strip between withers and tailhead.

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.

Cattle whose weight is in excess of 650 kg should be dosed at 1mL per 10kg bodyweight. Treatment of very young animals (less than 40kg bodyweight) is generally not warranted. Worm parasites may develop resistance to any anthelmintic. If this is suspected, please contact your local veterinary practitioner or advise the manufacturer.

### Administration

Using the 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 draw-off cap. Invert the backpack. Gently prime the applicator whilst checking for leaks. Follow manufacturer's directions for correct use and care of equipment.

The D-MAX™ 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 supplier.

### General directions

D-MAX™ POUR-ON is ready to use, pale blue solution containing Doramectin 5mg/mL. It is formulated to deliver the recommended dosage of 500 g/kg bodyweight when given by topical administration at the rate of 1mL/10kg bodyweight.

D-MAX™ POUR-ON is a highly active broad spectrum parasiticide for topical administration to cattle. It contains Doramectin, a member of 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 parasites. In mammals the neuronal receptors to which doramectin binds are localized within the central nervous system (CNS), a site reached by only negligible concentrations of Doramectin.

### Broad spectrum

A single treatment with D-MAX™ POUR-ON 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 results from the product's unique pharmacokinetics enable it to protect cattle against parasite infection and reinfection for extended periods following treatment.

### Safety

D-MAX™ POUR-ON has a wide margin of safety in all classes of cattle. Its broad spectrum of activity, favorable pharmacokinetics and exceptional toleration make it an ideal product for application as an antiparasitic for cattle.

## Rainfast

The efficacy of D-MAX™ POUR-ON is not adversely affected if applied when the hide is wet or if rain falls shortly after treatment. However, treatments of animals with wet hides or when rain threatens should be avoided as it is not good agricultural practice.

To obtain optimal benefit from the persistent action of D-MAX™ POUR-ON against internal parasite, it is recommended that cattle which are set-stocked should be treated twice at eight week intervals. Used in this way D-MAX™ POUR-ON 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.

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

## 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 Abbey Animal Health Pty Ltd on 02 8088 0720.**

## SAFETY DIRECTIONS

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

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

## ADDITIONAL USER SAFETY INFORMATION

Additional information sheet is listed in Safety Data Sheet. Use only in well-ventilated surroundings.

Flammable- Keep away from heat, sparks, open flame and other sources of ignition.

## 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, D-MAX™ POUR-ON 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 or (preferably) pressure rinse the container and dispose of rinsate in compliance with relevant local, state or territory government. If recycling, replace cap and return clean container to recycler or designated collection point. 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 500mm 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 Number: 86196/117285

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