

# CAUTION

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

## CYDECTIN®

### POUR-ON FOR CATTLE AND RED DEER

ACTIVE CONSTITUENT: 5 g/L MOXIDECTIN

SOLVENT: 150 g/L Hydrocarbon Liquid

#### Introduction

CYDECTIN POUR-ON FOR CATTLE AND RED DEER is an endectocide with efficacy in treating and controlling internal and external parasites in cattle and lungworm and roundworms in red deer.

Research on and development of CYDECTIN POUR-ON FOR CATTLE AND RED DEER by Fort Dodge Animal Health scientists has produced a product with a broad spectrum of activity and wide safety margin.

#### Product Description

CYDECTIN POUR-ON FOR CATTLE AND RED DEER comes ready to use as a clear solution containing 5 g/L moxidectin. When given at a dose volume of 1 mL/10 kg liveweight, CYDECTIN POUR-ON FOR CATTLE AND RED DEER delivers the recommended dosage of 0.5 mg moxidectin/kg liveweight. CYDECTIN POUR-ON FOR CATTLE AND RED DEER does not cause irritation to the skin or hide damage when used as directed.

#### Spectrum of Activity

##### Cattle

CYDECTIN POUR-ON FOR CATTLE AND RED DEER is effective in the treatment and control of the following parasites affecting cattle:

##### Gastrointestinal (adult and larval (L4) nematodes)

*Haemonchus placei*  
*Ostertagia ostertagi* (*O. lyrata*) small brown stomach worm including inhibited larvae)  
*Trichostrongylus axei* (stomach hair worm)  
*Trichostrongylus colubriformis* (black scour worm)  
*Trichostrongylus longispicularis*  
*Cooperia oncophora* (*C. surnabada*/*C. mcmasteri*) (small intestinal worm)  
*Cooperia punctata*  
*Cooperia spatulata* §  
*Cooperia pectinata*  
*Nematodirus helvetianus*  
*Bunostomum phlebotomum* (hookworm)  
*Oesophagostomum radiatum* (nodule worm)  
*Trichuris* spp

##### Lungworm

*Dictyocaulus viviparus*

##### Cattle Tick

*Boophilus microplus*

##### Lice

*Linognathus vituli*  
*Haematopinus eurysternus*  
*Solenopotes capillatus*  
*Bovicola bovis*

##### Mange Mites

*Chorioptes bovis*  
*Sarcoptes bovis* §  
*Psoroptes ovis* §

§ not found in Australia.

CYDECTIN POUR-ON FOR CATTLE AND RED DEER is effective in the treatment and aid in control of:-

##### Buffalo Fly

*Haematobia irritans exigua*

##### Persistent Activity

In cattle, following a single application at the recommended dose rate, CYDECTIN POUR-ON FOR CATTLE AND RED DEER prevents re-infection with the following parasite species:

Parasite species	Persistent protection period
<i>Ostertagia ostertagi</i> ( <i>O. lyrata</i> )	42 days
<i>Haemonchus placei</i>	28 days
<i>Trichostrongylus axei</i>	28 days
<i>Dictyocaulus viviparus</i>	42 days
<i>Oesophagostomum radiatum</i>	42 days
<i>Bunostomum phlebotomum</i>	42 days
<i>Nematodirus helvetianus</i>	21 days

##### Cattle Tick (*Boophilus microplus*) Control

CYDECTIN POUR-ON FOR CATTLE AND RED DEER is effective for treatment and control of cattle tick on cattle, including strains resistant to organophosphates, synthetic pyrethroids and amidines.

The persistent activity of CYDECTIN POUR-ON prevents the development of viable cattle tick (*Boophilus microplus*) for 21 days after treatment. For strategic programs treatment at 21 day intervals is recommended.

Some engorged females continue to drop for up to three days after the first treatment, and these may lay some viable eggs. This should be taken into account when planning a strategic dipping program.

##### Buffalo Fly (*Haematobia irritans exigua*) Control

The persistent activity of CYDECTIN POUR-ON FOR CATTLE AND RED DEER can be used as an aid in the control of buffalo fly (*Haematobia irritans exigua*) for up to 14 days after treatment.

##### Deer

In addition, CYDECTIN POUR-ON FOR CATTLE AND RED DEER can be used to treat and control the following parasites of red deer.

##### Lungworm

*Dictyocaulus viviparus*

##### Gastrointestinal

*Haemonchus* spp  
*Ostertagia* spp  
*Trichostrongylus* spp  
*Oesophagostomum* spp

##### Persistent Activity against Deer Parasites

Parasite species	Persistent protection period
<i>Ostertagia</i> spp.	42 days
<i>Oesophagostomum</i> spp.	42 days
<i>Dictyocaulus viviparus</i>	42 days

## DIRECTIONS FOR USE

### Dosage and Administration

#### Cattle and Red Deer

CYDECTIN POUR-ON FOR CATTLE AND RED DEER should be applied along the top of the back from withers to the base of the tail. Do not retreat deer within 60 days.

Volume to use is 1 mL per 10 kg liveweight. This will administer the correct dose of 0.5 mg/kg liveweight.

CYDECTIN POUR-ON can be used in lactating dairy cattle, but **DO NOT TREAT LACTATING CATTLE AT LESS THAN 21 DAY INTERVALS.**

The following table may be used as a guide for the dose volume to use.

Liveweight (kg)	Dose (mL)	Doses per pack		
		1 L	5 L	15 L
31-40	4	250	1250	3750
41-50	5	200	1000	3000
51-60	6	166	833	2500
61-70	7	142	714	2142
71-80	8	125	625	1875
81-90	9	111	555	1666
91-100	10	100	500	1500
101-125	12.5	80	400	1200
126-150	15	66	333	1000
151-175	17.5	57	285	857
176-200	20	50	250	750
201-250	25	40	200	600
251-300	30	33	166	500
301-350	35	28	142	428
351-400	40	25	125	375
401-450	45	22	111	333
451-500	50	20	100	300
501-550	55	18	90	272
551-600	60	16	83	250
601-650	65	15	76	230

A representative sample of animals should be weighed before treatment either with scales or a weighband. Dose rate should be based on the heaviest animal in each group (bulls, cows, steers, calves, etc.). Cattle in excess of 650 kg should be dosed at 1 mL per 10 kg liveweight.

Do not underdose. Check accuracy of dose delivery of applicator regularly.

Where there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid excessive overdosing.

#### Rainfast

The efficacy of CYDECTIN POUR-ON FOR CATTLE AND RED DEER is not adversely affected if applied when the hide is wet, or if rain occurs shortly after application. However the efficacy against tick and buffalo fly may be reduced if very heavy rain occurs following treatment. Treatment of animals under these circumstances is not good agricultural practice.

#### Weatherproof

The efficacy of CYDECTIN POUR-ON is not adversely affected if applied to cattle under extreme seasonal conditions such as very high UV-light and temperatures in Summer and very low temperatures in Winter.

#### Non Irritant

CYDECTIN POUR-ON FOR CATTLE AND RED DEER does not cause irritation to the skin or hide damage when used as directed.

#### Ease of Use

CYDECTIN POUR-ON FOR CATTLE AND RED DEER comes ready to use. A number of applicators have been tested with CYDECTIN POUR-ON FOR CATTLE AND RED DEER and several have proved suitable, including the Phillips 45 mL applicator.

#### Broad Spectrum

CYDECTIN POUR-ON FOR CATTLE AND RED DEER is efficacious against roundworms, lungworm, cattle tick, lice and mites which infect cattle, and lungworm and roundworms of red deer.

## Safety to Target Animals

CYDECTIN POUR-ON FOR CATTLE AND RED DEER has a wide margin of safety when used at the recommended dose rate in all ages and breeds of cattle including pregnant cows and breeding bulls.

### Concurrent Use

CYDECTIN POUR-ON FOR CATTLE AND RED DEER is safe to use concurrently with other treatments in cattle including mineral supplements, fluke treatments and vaccines.

**Do not apply at the same time as any other pour-on product.**

### Effect on Dung Beetles

When applied as directed, the levels of CYDECTIN POUR-ON FOR CATTLE AND RED DEER in the faeces of treated cattle are not likely to have any significant adverse effect on the following dung beetles: *Onthophagus gazella*, *O. taurus*, *Euoniticellus intermedius* and *E. fulvus*. Effects on other dung beetle species have not been fully evaluated.

### WITHHOLDING PERIODS

**MEAT: CATTLE - NIL.**

**DEER - DO NOT USE LESS THAN 7 DAYS BEFORE SLAUGHTER FOR HUMAN CONSUMPTION.**

**MILK: NIL.**

The withholding period stated on this label applies only to meat destined for the Australian market or for export to USA. Some export markets apply different standards that may require an export slaughter interval that is longer than the withholding period. If necessary, details of overseas standards should be obtained prior to use of this product.

### SAFETY DIRECTIONS

Poisonous if swallowed. Will irritate eyes and skin. Avoid contact with eyes and skin. Wash hands after use. Do not inhale. May irritate the nose and throat. Additional information is listed in the Material Safety Data Sheet.

### FIRST AID

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

### Disposal

This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate or any undiluted chemical according to State legislative requirements. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced but may be taken separately.

If recycling is not available, dispose of containers in a local authority landfill. If neither of these options are available, bury the containers below 500 mm in a disposal pit specifically marked and set out for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.

### Parasite Control Programs

Effective parasite control for maximum productivity is an essential part of farm management. Follow recommended parasite management practices to reduce the potential for resistance to develop.

For product information phone 1800 257 178



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Please recycle instruction leaflet and carton

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