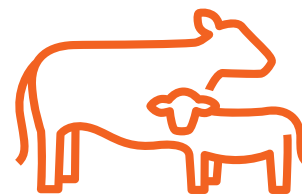


CATTLE PRODUCT INFORMATION SHEET



CattleGuard® Pour-On For Cattle and Red Deer

Description

CattleGuard Pour-On endectocide is a ready-to-use, clear solution containing 5 g/L moxidectin.

CattleGuard Pour-On for Cattle and Red Deer is an endectocide with efficacy in treating and controlling moxidectin-sensitive internal and external parasites in cattle and lungworm, and roundworms in red deer. Moxidectin is a second generation macrocyclic lactone endectocide.

Key Benefits

Broad Spectrum

CattleGuard 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.

Effect on Dung Beetles

When applied as directed, the levels of CattleGuard 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.

Approved Uses

For the treatment and control of moxidectin sensitive internal and external parasites of cattle and for the treatment and control of lungworm and gastrointestinal roundworms of red deer.

Spectrum of Activity

Cattle

CattleGuard Pour-On for Cattle and Red Deer, a member of the macrocyclic lactone family of chemicals, 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 pectinata*
- *Nematodirus helvetianus*
- *Bunostomum phlebotomum* (hookworm)
- *Oesophagostomum radiatum* (nodule worm)
- *Trichuris spp.*

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Lungworm

- *Dictyocaulus viviparus*

Cattle Tick

- *Rhipicephalus (Boophilus) microplus*

Lice

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

Mange Mites

- *Chorioptes bovis*

CattleGuard 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, CattleGuard Pour-On for Cattle and Red Deer prevents re-infection with the following parasite species:

Parasite species Persistent protection period

- *Ostertagia ostertagi (O.lyrata)* 42 days
- *Haemonchus placei* 28 days
- *Trichostrongylus axei* 28 days
- *Dictyocaulus viviparus* 42 days
- *Oesophagostomum radiatum* 42 days
- *Bunostomum phlebotomum* 42 days
- *Nematodirus helvetianus* 21 days

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

CattleGuard is effective for treatment and control of cattle tick on cattle, including strains resistant to organophosphates, synthetic pyrethroids and amidines.

The persistent activity of CattleGuard prevents the development of viable cattle tick (*Rhipicephalus (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.

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Buffalo Fly (*Haematobia irritans exigua*) Control

The persistent activity of CattleGuard 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, CattleGuard 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

- *Ostertagia* spp. 42 days
- *Oesophagostomum* spp. 42 days
- *Dictyocaulus viviparus* 42 days

Resistance may develop to any chemical.

Dosage

Dose Rate

CattleGuard Pour-On for Cattle and Red Deer comes ready to use as a clear solution containing 5g/L moxidectin. When given at a dose volume of 1mL/10kg liveweight, CattleGuard delivers the recommended dosage of 0.5mg moxidectin/kg liveweight. CattleGuard does not cause irritation to the skin or hide damage when used as directed.

Cattle and Red Deer

CattleGuard Pour-On for Cattle and Red Deer should be applied along the top of the back from the withers to the base of the tail. Do not retreat deer within 60 days. Volume to use is 1mL per 10kg liveweight. This will administer the correct dose of 0.5mg/kg liveweight.

CattleGuard 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.

Cattle in excess of 650kg should be dosed at 1mL per 10kg liveweight. 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.).

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Do not under dose. 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 CattleGuard 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 CattleGuard Pour-On for Cattle and Red Deer 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

CattleGuard Pour-On for Cattle and Red Deer does not cause irritation to the skin or hide damage when used as directed.

Ease of Use

CattleGuard Pour-On for Cattle and Red Deer comes ready to use. A number of applicators have been tested with CattleGuard and several have proved suitable, including the Phillips 65mL applicator.

Broad Spectrum

CattleGuard 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

CattleGuard 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

CattleGuard 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 CattleGuard 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.

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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.

Withholding Period

Meat: CATTLE: Zero (0) days.

Deer: DO NOT USE LESS THAN 7 DAYS BEFORE SLAUGHTER FOR HUMAN CONSUMPTION.

Milk: Zero (0) days.

Trade Advice

Export Slaughter Interval (ESI): Zero (0) days.

The ESI on this label was correct at the time of label approval. Before using this product, confirm the current ESI with the manufacturer on 1800 814 883 or the APVMA website (www.apvma.gov.au/residues/).

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 at 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.

Storage Recommendations

Store below 30°C (Room Temperature) and Protect from light.

Safe Use Recommendations

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.

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Environmental Statements

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

First Aid

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

References:

Zoetis Australia Pty Ltd. CattleGuard® [Package insert]. Rhodes, NSW: Zoetis Australia Pty Ltd.

Zoetis.com.au. (2019). CattleGuard® | Zoetis AU. [online] Available at: <https://www.zoetis.com.au/product-class-new/parasiticides/cattle-guard-pour-on-for-cattle-and-red-deer.aspx>. [Accessed 7 May. 2019].

