

CAUTION

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

MOXISTAR[®]

CATTLE POUR-ON

Active Constituent: 5g/L MOXIDECTIN Solvent: 150 g/L Hydrocarbon Liquid



15L



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

**NIL WITHHOLDING PERIOD
FOR MEAT AND MILK**

MOXISTAR®

CATTLE POUR-ON

MOXISTAR® CATTLE POUR-ON is a broad-spectrum endectocide with efficacy in treating and controlling internal and external parasites in cattle.

MOXISTAR® CATTLE POUR-ON comes ready to use a clear solution containing 5 g/L moxidectin. Moxidectin is a second generation macrocyclic lactone endectocide. It is effective against parasites sensitive to this family. Resistance can occur to any anthelmintic.

SPECTRUM OF ACTIVITY

MOXISTAR® CATTLE POUR-ON is effective in the treatment and control of the following parasites affecting cattle:

Gastrointestinal (adult and larval (L4) nematodes):

Haemonchus placei - Barber's Pole Worm
Ostertagia ostertagi (*Olyrata*) - Small Brown Stomach Worm including inhibited larvae
Trichostrongylus axei - Stomach Hair Worm
Trichostrongylus colubriformis - Black Scour Worm

Trichostrongylus longispicularis
Cooperia oncophora (*C. sumabada*/*C. mcmasteri*) - Small Intestinal Worm
Cooperia punctata
Cooperia pectinata
Nematodirus helvetianus - Thin Necked Intestinal Worm
Bunostomum phlebotomum - Hookworm
Oesophagostomum radiatum - Nodule Worm

Trichuris spp. - Whip Worm

Lungworm
Dictyocaulus viviparus

Cattle Tick
Rhipicephalus microplus

Lice
Linognathus vituli
Haematopinus eurysternus
Solenopotes capillatus
Bovicola bovis

Mange Mites
Chorioptes bovis

MOXISTAR® CATTLE POUR-ON is effective in the treatment and aid in the control of:

Buffalo Fly
Haematobia irritans exigua

PERSISTENT ACTIVITY

In cattle, following a single application at the recommended dose rate, MOXISTAR® CATTLE POUR-ON prevents re-infection with the following parasite species:

Parasite Species	Persistent Protection Period
<i>Ostertagia ostertagi</i> (<i>Olyrata</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 (*Rhipicephalus microplus*) Control

MOXISTAR® CATTLE POUR-ON is effective for treatment and control of cattle tick on cattle, including strains resistant to organophosphates, synthetic pyrethroids and amidines.

The persistent activity of MOXISTAR® CATTLE POUR-ON prevents the development of viable cattle tick (*Rhipicephalus 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 MOXISTAR® CATTLE POUR-ON can be used as an aid in the control of buffalo fly (*Haematobia irritans exigua*) for up to 14 days after treatment.

DIRECTIONS FOR USE

Dosage and Administration

MOXISTAR® CATTLE POUR-ON should be applied along the top of the back from withers to the base of the tail. The volume to use is 1mL per 10kg liveweight. This will administer the correct dose of 0.5 mg/kg liveweight.

MOXISTAR® CATTLE POUR-ON can be used in lactating dairy cattle, but **DO NOT RETREAT 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 (15L)	Liveweight (kg)	Dose (mL)	Doses per pack (15L)
31-40	4	3750	176-200	20	750
41-50	5	3000	201-250	25	600
51-60	6	2500	251-300	30	500
61-70	7	2142	301-350	35	428
71-80	8	1875	351-400	40	375
81-90	9	1666	401-450	45	333
91-100	10	1500	451-500	50	300
101-125	12.5	1200	501-550	55	272
126-150	15	1000	551-600	60	250
151-175	17.5	857	601-650	65	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.). Do not underdose. Where there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid excessive overdosing.

General Directions

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

Rainfast

The efficacy of MOXISTAR® CATTLE POUR-ON 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 MOXISTAR® CATTLE 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

MOXISTAR® CATTLE POUR-ON does not cause irritation to skin or hide damage when used as directed.

SAFETY DIRECTIONS

Poisonous if swallowed. May irritate the nose or throat. Will irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use. Do not inhale.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126.

ADDITIONAL USER SAFETY INFORMATION

For further information, refer to the Safety Data Sheet.

ENVIRONMENTAL PROTECTION

Very toxic to aquatic life. Do not contaminate dams, rivers, streams or other waterways with the chemical or used containers.

DISPOSAL

Triple-rinse container into the medicated water, dip, drench etc. Do not dispose of undiluted chemicals on-site. 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 break, 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) and protect from light.

APVMA Approval No: 70420/63422

B:

Exp:

Safety to Target Animals

MOXISTAR® CATTLE POUR-ON 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

MOXISTAR® CATTLE POUR-ON 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 MOXISTAR® CATTLE POUR-ON 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.

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 PERIODS

MEAT: Zero (0) days
MILK: Zero (0) days

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days. Before using this product, confirm the current ESI from The Hunter River Company on (02) 9499 7370 or the APVMA website (www.apvma.gov.au/residues).



THE HUNTER RIVER CO.

The Hunter River Company Pty Limited
 ACN 133 798 615
 7/20 St Johns Avenue,
 Gordon NSW, 2072
 Ph: (02) 9499 7370
 www.hunriverco.com.au

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