

CAUTION

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

STARMEC

POUR-ON FOR BEEF AND DAIRY CATTLE

Active Constituent: 5 g/L IVERMECTIN

For the treatment
and control of
ivermectin-sensitive
internal and external
parasites of beef
and dairy cattle.

NO WITHHOLDING
PERIOD FOR MILK



20 L



THE HUNTER RIVER CO.

23623F-4

250 mm

200 mm

For the treatment and control of ivermectin-sensitive:

Gastrointestinal nematodes:

- Adult and immature (L4): Small Brown Stomach Worm (including inhibited stages) (*Ostertagia ostertagi*), Barber's Pole Worm (*Haemonchus placei*), Stomach Hair Worm (*Trichostrongylus axei*), Intestinal Hair Worm (*T. colubriformis*), Small Intestinal Worm (*Cooperia* spp.), Nodule Worm (*Oesophagostomum radiatum*); and
- Adult stages of *Cooperia oncophora*, *C. punctata*, *Oesophagostomum venulosum*, Whip Worm (*Trichuris* spp.), Intestinal Threadworm (*Strongyloides papillosus*); and
- Immature stages (L4) of Thin Necked Intestinal Worm (*Nematodirus* spp.).

Lungworms: (adult and immature) *Dictyocaulus viviparus*.

Eyeworm: *Thelazia* spp. (adult stages).

Sucking and Biting Lice: *Linognathus vituli*, *Haematopinus eurysternus*, *Bovicola bovis*, *Solenopotes capillatus*.

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

Buffalo Flies: *Haematobia irritans exigua*

Cattle Ticks: *Rhipicephalus (Boophilus) microplus* including organophosphate, synthetic pyrethroid- and amidine-resistant strains.

Persistent Activity

STARMEC POUR-ON applied at the recommended dose of 1 mL per 10 kg of liveweight controls infections of Stomach Hair Worm (*Trichostrongylus axei*) and Small Intestinal Worm (*Cooperia* spp.) for up to 14 days after treatment; Small Brown Stomach Worm (*Ostertagia* spp.) and Nodule Worm (*Oesophagostomum radiatum*) for up to 21 days after treatment; Lungworm (*Dictyocaulus viviparus*) for up to 28 days after treatment; Buffalo Fly (*Haematobia irritans exigua*) for up to 21 days after treatment.

Resistance may develop to any chemical.

DIRECTIONS FOR USE:

Restraints

DO NOT USE in pregnant cows less than 7 days before calving.

Dosage and Administration

This product is formulated only for external application to cattle; do not use in other species. The formulation should be applied along the topline in a narrow strip extending from the withers to the tailhead. The dose is 1 mL for each 10 kg of liveweight.

Dose the mob according to the heaviest animal by liveweight in each group (cows, bulls, calves, heifers etc.). When there is a large variation in size within the group, draft into two or more lines based on bodyweight, to avoid overdosing. Do not underdose. Cattle should be weighed with either scales or with a weighband.

Liveweight (kg)	Dose (mL)	This pack treats (head)
< 100	1 mL/ 10 kg	2000
101 – 150	15	1333
151 – 200	20	1000
201 – 250	25	800
251 – 300	30	666
301 – 350	35	571
351 – 400	40	500
401 – 450	45	444
451 – 500	50	400
501 – 550	55	363
551 – 600	60	333
601 – 650	65	307

Heavier animals (for example, mature bulls) should receive an additional 5 mL for each 50 kg over 650 kg.

Treatment should not be repeated in less than 42 days.

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

General Directions

Maximum tick efficacy is achieved 4-5 days after treatment. Engorged female ticks that drop from cattle in the initial days after treatment may lay viable eggs. This should be taken into account when planning a strategic tick control programme. STARMEC POUR-ON should be alternated with conventional dips or pour-ons when the programme requires repeated treatments.

For best results STARMEC POUR-ON should be part of a total parasite control programme including internal and external parasites. Consult your veterinarian for a complete parasite control programme.

Administration

Efficacy of STARMEC POUR-ON is not adversely affected when the hide is wet or if rainfall occurs shortly after treatment. However, it is not considered good agricultural practice to treat animals if they are wet or rain is likely.

Use only in well-ventilated areas or outdoors.

Close container when not in use.

Cloudiness may result when STARMEC POUR-ON is stored at temperatures below 0°C. Allowing to warm at room temperature will restore the normal appearance without affecting efficacy.

The antiparasitic activity of ivermectin will be impaired if the formulation is applied to areas of skin with mange scabs or lesions, or with dermatoses or adherent materials, e.g. caked mud or manure.

This product is for application to the skin surface only, do not give orally or parenterally.

STARMEC POUR-ON is not recommended for use in species other than cattle.

Note to User

The colour of STARMEC POUR-ON may fade when exposed to light. This loss of colour does not reflect loss of potency of ivermectin. However, prolonged exposure (i.e. weeks) to light can result in a gradual decline of ivermectin potency in the formulation.

Safety to Cattle

Field studies have demonstrated a wide safety margin. The topically applied formulation is expected to be well tolerated by breeding animals.

WITHHOLDING PERIODS:

MEAT: DO NOT USE less than 28 days before slaughter for human consumption.

MILK: Zero (0) days.

Bobby calves: DO NOT SLAUGHTER for 4 days bobby calves born to cows treated during pregnancy.

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 28 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. Will irritate the eyes and skin. Avoid contact with eyes and skin. If product gets on skin, immediately wash the area with soap and water. If product gets in eyes, wash out immediately with water. Wash hands after use.

FIRST AID INSTRUCTIONS:

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

ADDITIONAL USER SAFETY:

Additional information is listed in 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 container.

When used according to label directions STARMEC POUR-ON is not likely to have an unintended effect that is harmful to the environment or have an overall adverse effect on dung beetle or earthworm populations. Increased mortality and impaired development of dung beetle larvae may be expected, but for a limited period after treatment. There may also be short-term indirect effect on the rate of earthworm colonisation of dung pats.

DISPOSAL:

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



UN 1219, ISOPROPANOL (ISOPROPYL ALCOHOL), PG II

Highly flammable liquid and vapour. Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness. May damage fertility or the unborn child. Keep away from heat, sparks, open flames and hot surfaces. – No smoking. Do not eat, drink or smoke when using this product. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor if you feel unwell. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

250 mm

BATCH:

EXP:

236238-5



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APVMA Approval No. 70317/128612

200 mm