

**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: 5g/L IVERMECTIN



**20L**

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

**ZERO (0) WITHHOLDING  
PERIOD FOR MILK**

# STARMEC

## POUR-ON FOR BEEF AND DAIRY CATTLE

For the treatment and control of ivermectin sensitive:

### Gastrointestinal nematodes:

- Adult and immature (L<sub>4</sub>): 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 (L<sub>4</sub>) 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:** (*Boophilus microplus*) including organophosphate, synthetic pyrethroid- and amidine-resistant strains.

### PERSISTENT ACTIVITY:

STARMEC POUR-ON FOR BEEF AND DAIRY CATTLE applied at the recommended dose of 1mL per 10kg 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.

### 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 1mL for each 10kg 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.

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

Heavier animals (for example, mature bulls) should receive an additional 5mL 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 INSTRUCTIONS:

#### STARMEC POUR-ON FOR BEEF AND DAIRY CATTLE

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 FOR BEEF AND DAIRY CATTLE should be alternated with conventional dips or pour-ons when the programme requires repeated treatments. For best results STARMEC POUR-ON FOR BEEF AND DAIRY CATTLE 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 FOR BEEF AND DAIRY CATTLE 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 FOR BEEF AND DAIRY CATTLE is stored at temperatures below 0oC. 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 FOR BEEF AND DAIRY CATTLE is not recommended for use in species other than cattle.

### NOTE TO USER:

The colour of STARMEC POUR-ON FOR BEEF AND DAIRY CATTLE 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.

### DANGER

**GIVES OFF HIGHLY FLAMMABLE VAPOUR. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OR OTHER SOURCES OF IGNITION. KEEP CLOSED WHEN NOT IN USE.**

### WITHHOLDING PERIOD:

**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. The ESI on this label was correct at the time of label approval. Before using this product, confirm the current ESI from the manufacturer on (02) 9499 7370 or the APVMA website ([www.apvma.gov.au/residues/](http://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: If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126.**

**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 container.

When used according to label directions STARMEC POUR-ON FOR BEEF AND DAIRY CATTLE 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 or (preferably) pressure rinse container. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean container to a 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 container 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 government regulations. Do not burn empty containers or product.

### STORAGE:

Store below 30°C (Room Temperature). Protect from light. APVMA Approval No: 70317/63121

B:

Exp:



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ISOPROPANOL  
(ISOPROPYL ALCOHOL),  
FLAMMABLE LIQUID,  
N.O.S.  
HAZCHEM CODE: 3[Y]E  
PACKING GROUP : II

In a transport emergency  
Dial 000 Police or  
Fire Brigade

The Hunter River Company Pty Limited  
ACN 133 798 615  
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Ph: (02) 9499 7370



THE HUNTER RIVER CO.



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