



Product Name: Owtbac Eprishield Pour-On for Beef and Dairy Cattle
APVMA Approval No: 95501/145884

Label Name:	Owtbac Eprishield Pour-On for Beef and Dairy Cattle
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	5 mg/mL EPRINOMECTIN
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Claims:	<p>For the treatment and control of gastrointestinal roundworms (including inhibited immature <i>Ostertagia ostertagi</i>) and lungworm in cattle.</p> <p>Owtbac Eprishield Pour-On for Beef and Dairy Cattle contains eprinomectin, a member of the macrocyclic lactone family of chemicals. It is effective against eprinomectin-sensitive strains of internal parasites.</p> <p>For sucking and biting lice, sarcoptic and chorioptic mange mites and buffalo fly in beef and dairy cattle.</p> <p>Aids in the control of cattle tick (<i>Boophilus microplus</i>).</p> <p>For the treatment and control of gastrointestinal roundworms and lungworm in deer.</p> <p>CATTLE - Gastrointestinal Roundworms:</p> <p>For the control of adult and immature:</p> <p><i>Ostertagia ostertagi</i> (including inhibited L4) - small brown stomach worm</p> <p><i>O. lirata</i> - brown stomach worm (adults only)</p> <p><i>Ostertagia</i> spp.</p> <p><i>Haemonchus placei</i> – barber's pole worm</p> <p><i>Trichostrongylus axei</i> - stomach hair worm</p> <p><i>T.colubriformis</i> - intestinal hair worm</p> <p><i>Trichostrongylus</i> spp.</p> <p><i>Cooperia</i> spp. (including inhibited L4) - small intestinal worm</p> <p><i>C. oncophora</i></p> <p><i>C. pectinata</i></p> <p><i>C. punctata</i></p> <p><i>C. surnabada</i></p> <p><i>Oesophagostomum radiatum</i> - nodule worm</p> <p><i>Oesophagostomum</i> spp.</p> <p><i>Nematodirus helveticus</i> - thin necked intestinal worm</p> <p><i>Bunostomum phlebotomum</i> - hookworm</p> <p><i>Trichuris</i> spp. - whip worm (adults only)</p>
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Lungworm:
Adult and immature *Dictyocaulus viviparus*

Sucking and Biting Lice:
Linognathus vituli - Long-nosed Sucking Louse
Haematopinus eurysternus - Short Nosed Sucking Louse
Bovicola (Damalinia) bovis
Solenopotes capillatus - small blue sucking louse

Mites:
Chorioptes bovis
Sarcoptes scabiei var *bovis*

Buffalo Fly:
Haematobia irritans exigua

When used as directed, Owtbac Eprishield Pour-On for Beef and Dairy Cattle also aids in control of:
Cattle Tick: *Boophilus microplus*
(Not recommended for use in strategic tick control programs)

PERSISTENT ACTIVITY IN CATTLE:

Owtbac Eprishield Pour-On for Beef and Dairy Cattle when given at the recommended dosage of 1 mL/10 kg liveweight controls infections with:

<Insert table 1>

*The following parasite species are included within each of the relevant genera: *Ostertagia ostertagi*, *O. leptospicularis*, *O. lyrata*, *Cooperia oncophora*, *C. punctata*, *C. surnabada*, *Trichostrongylus axei*, *T. colubriformis*.

DEER - Gastrointestinal roundworms:

Ostertagia - type spp.*(adults)
Trichostrongylus spp. (adults and fourth stage larvae)
Mazamastrongylus spp. (adults)
Oesophagostomum spp. (adults)
*Includes *O. mossi/dikmansi*, *O. lyrata*, *O. leptospicularis*, *Spiculopteragia spiculoptera*, *S. asymmetrica* and *Apteragia quadrispiculata*.

Lungworm:
Dictyocaulus viviparus (adults and fourth stage larvae).

For best results Owtbac Eprishield Pour-On for Beef and Dairy Cattle should be part of a total parasite control program including internal and external parasites.

Resistance may develop to any drench. Consult your veterinarian for a complete parasite control program.

Net Contents:	250 mL, 1 L, 2.5 L, 5 L, 11 L (2 x 5 L and 1 x 1 L), 20 L, 22.5 L (1 x 20 L and 1 x 2.5 L) Illegal to sell combined pack sizes separately.
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Directions for Use:	
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Restraints:	
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Contraindications:	This product is formulated only for pour-on application to cattle and deer; DO NOT use in other species.
Precautions:	
Side Effects:	
Dosage and Administration:	This section contains file attachment.
General Directions:	<p>SAFETY Studies have demonstrated a wide safety margin. Five times the recommended use level had no adverse effect on cattle or deer. Three times the recommended use level had no adverse effect on breeding performance of cows and bulls.</p> <p>NOTE TO USER Rainfall before or after treatment will not affect the efficacy of Owtbac Eprishield Pour-On for Beef and Dairy Cattle. Close container when not in use. DO NOT apply to areas of the backline covered with mud or manure.</p> <p>INSTRUCTIONS FOR USING THE SQUEEZE MEASURE-POUR SYSTEM (250 mL and 1 L pack):</p> <ul style="list-style-type: none"> - Attach the metering cup to the bottle. - Set the dose by turning the top section of the cup to align the correct liveweight with the pointer on the knurled cap. When liveweight is between markings use the higher setting. - Hold the bottle upright and squeeze it to deliver a slight excess of the required dose as indicated by the calibration lines. - By releasing the pressure, the dose automatically adjusts to the correct level. When a 100 kg (10 mL) or 150 kg (15 mL) dose is required, turn the point to "STOP" before delivering the dose. The off (STOP) position will close the system between dosing. Tilt the bottle to deliver the dose. - Bottles should remain upright during storage. <p>INSTRUCTIONS FOR USING THE 2.5 L and 5.0 L COLLAPSIBLE PACK: Connect the dosing gun to the pack as follows:</p> <ul style="list-style-type: none"> - Attach the open end of the draw-off tubing to an appropriate dosing applicator. Attach draw-off tubing to the cap with the stem that is included in the pack. - Replace the shipping cap with the cap that has the draw-off tubing and tighten this cap. - Gently prime the dosing applicator, checking for leaks. - Follow the dosing applicator manufacturer's directions for adjusting the dose and proper use and maintenance of the equipment. <p>Instructions for 20 L pack:</p> <ul style="list-style-type: none"> - Replace the shipping cap with the dip tube assembly. - Attach the draw-off tubing to the dosing applicator and to the top stem on the dip tube cap. - Gently prime the dosing applicator checking for leaks. - Follow the dosing applicator manufacturer's directions for adjusting the dose and proper use and maintenance of the equipment. <p>NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION</p>

Withholding Periods:	Meat: Zero (0) days. Milk (Cattle): Zero (0) days.
Trade Advice:	EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days. Before using this product, confirm the current ESI from the distributor on 1300 646 614 or the APVMA website (apvma.gov.au/residues).
Safety Directions:	Poisonous if swallowed. Will irritate the eyes. Avoid contact with eyes. Repeated exposure may cause allergic disorders. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.
First Aid Warnings:	
Additional User Safety:	Additional information is listed in the safety data sheet.
Environmental Statements:	ENVIRONMENTAL PROTECTION Very highly toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used containers. Studies indicate that when eprinomectin comes in contact with the soil, it readily and tightly binds to the soil and becomes inactive over time. Containers and any residual contents should be disposed of safely in an approved landfill as free eprinomectin may adversely affect fish and certain water-borne organisms.
Disposal:	<p>[250 mL, and 1 L] - Dispose of container by wrapping with paper and putting in garbage.</p> <p>[2.5 L, 5 L, and 20 L] - Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. 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 at the drumMUSTER collection site. 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.</p>
Storage:	Store below 30°C (Room Temperature). Store bottle or pack in carton to protect from light.

Table 1

Parasite*	Prolonged Activity
<i>Ostertagia</i> spp	Up to 28 days
<i>Cooperia</i> spp	Up to 28 days
<i>Dictyocaulus viviparus</i>	28 days
<i>Nematodirus helvetianus</i>	Up to 28 days
<i>Oesophagostomum radiatum</i>	Up to 28 days
<i>Haemonchus placei</i>	21 days
<i>Trichostrongylus</i> spp	21 days

DOSAGE AND ADMINISTRATION

The dose rate is 1 mL for each 10 kg of liveweight. This product is for application to skin surface only, DO NOT give orally or by injection.

The formulation should be applied along the topline in a narrow strip extending from the withers to the tailhead.

Liveweight (kg)	Dose Volume (mL)
Up to 50	5
51-75	7.5
76-100	10
101-125	12.5
126-150	15
151-175	17.5
176-200	20
201-250	25
251-300	30
301-350	35
351-400	40
401-450	45
451-500	50
501-550	55
551-600	60
601-650	65

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

A representative sample of animals should be weighed with either scales or a weighband. Dose the mob according to the heaviest animal by liveweight in the group (cows, bulls, calves, heifers, hinds, stags, fawns, 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.

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.