

# CAUTION

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS  
FOR ANIMAL TREATMENT ONLY

COVINE

# EMPEROR<sup>TM</sup>

POUR-ON FOR BEEF & DAIRY CATTLE & DEER

**ACTIVE CONSTITUENTS: 5 mg/mL EPRINOMECTIN**

For the treatment and control of internal and external parasites of beef and dairy cattle and internal parasites of deer. For the treatment and control of gastrointestinal roundworms (including inhibited immature *Ostertagia ostertagi*) and lungworm in cattle. For sucking and biting lice, sarcoptic and chorioptic mange mites and buffalo fly in beef and dairy cattle.



(covine)<sup>®</sup>



**INDICATIONS:**

COVINE EMPEROR POUR-ON aids in control of cattle tick (*Rhipicephalus (Boophilus) microplus*). For the treatment and control of gastrointestinal roundworms and lungworm in deer.

**CATTLE – Gastrointestinal Roundworms:**

For the control of adult and immature:

*Ostertagia ostertagi* (including inhibited L4) – small brown stomach worm  
*O. lyrata* – brown stomach worm (adults only)

*Ostertagia* spp.

*Haemonchus placei* – barbers pole worm

*Trichostrongylus axei* – stomach hair worm

*T. colubriformis* – intestinal hair worm

*Trichostrongylus* spp.

*Cooperia* spp. (including inhibited L4) – small intestinal worm

*C. oncophora*

*C. pectinata*

*C. punctata*

*C. sumabada*

*Oesophagostomum radiatum* – nodule worm

*Oesophagostomum* spp.

*Nematodirus helvetianus* – thin-necked intestinal worm

*Bunostomum phlebotomum* – hookworm

*Trichuris* spp. – Whip worm (adults only)

Lungworm:

Adult and immature *Dictyocaulus viviparus*

Sucking and biting lice:

*Linognathus vituli*

*Haematopinus eurysternus*

*Bovicola (Damalini) bovis*

*Solenoptes capillatus*

Mites:

*Chorioptes bovis*

*Sarcoptes scabiei* var *bovis*

Buffalo Fly:

*Haematobia irritans exigua*

When used as directed, COVINE EMPEROR POUR-ON also aids in control of:

Cattle Tick:

*Rhipicephalus (Boophilus) microplus*

(Not recommended for use in strategic tick control programs).

**PERSISTENT ACTIVITY IN CATTLE**

COVINE EMPEROR POUR-ON when given at the recommended dosage rate of 1 mL/10 kg liveweight controls infections with:

Parasite*	Prolonged Activity
<i>Ostertagia</i> spp.	Up to 28 days
<i>Cooperia</i> spp.	Up to 28 days
<i>Dictyocaulus viviparus</i>	Up to 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

\*The following parasite species are included with each of the relevant genera: *Ostertagia ostertagi*, *O. leptospicularis*, *O. lyrata*, *Cooperia oncophora*, *C. punctata*, *C. sumabada*, *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*, *Spiculoptera spiculoptera*, *Sp. asymmetrica* and *Apteragia quadrispiculata*.

Lungworms:

*Dictyocaulus viviparus* (adults and fourth stage larvae).

Resistance can develop to any chemical.

**READ DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.****DIRECTIONS FOR USE:****Precautions:**

Close container when not in use. Do not apply to areas of the backline covered with mud or manure. This product is for application to skin surface only; do not give orally or by injection.

**Dosage and Administration:**

COVINE EMPEROR POUR-ON contains eprinomectin, a member of the macrocyclic lactone family of drenches. It is effective against eprinomectin sensitive strains of internal parasites.

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

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.

The product is formulated only for pour-on application to cattle and deer; 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 rate is 1 mL for each 10 kg of liveweight.

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.

**General Directions:** Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

**ANIMAL SAFETY:** Studies in a similar product 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.

**NOTE TO USER:** Rainfall before or after treatment will not affect the efficacy of COVINE EMPEROR POUR-ON.

**WITHHOLDING PERIODS:**

**MEAT (CATTLE AND DEER): 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 Relyon (Australia) Pty Ltd on (02) 9952 6666 or the APVMA website (www.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:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

**ADDITIONAL USER SAFETY INFORMATION:** Additional information is listed in the Safety Data Sheet (SDS).

**ENVIRONMENTAL PROTECTION:** 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:** 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 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). Store bottle or pack in carton to protect from light.

**CONDITIONS OF SALE:**

Any provision or rights under the Australian Consumer Law which cannot be excluded by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies expressed or implied under common law, statute or otherwise, in relation to the sale, supply, storage, use or application of this product are excluded. Ruralco Holdings Ltd and/or its associated entities shall not accept any liability (including consequential loss and/or negligence) for any loss or damage connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

Do not get in eyes, on skin, or on clothing. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. Store in a well ventilated, dry place in a closed container.

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(covine)<sup>®</sup>

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