

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

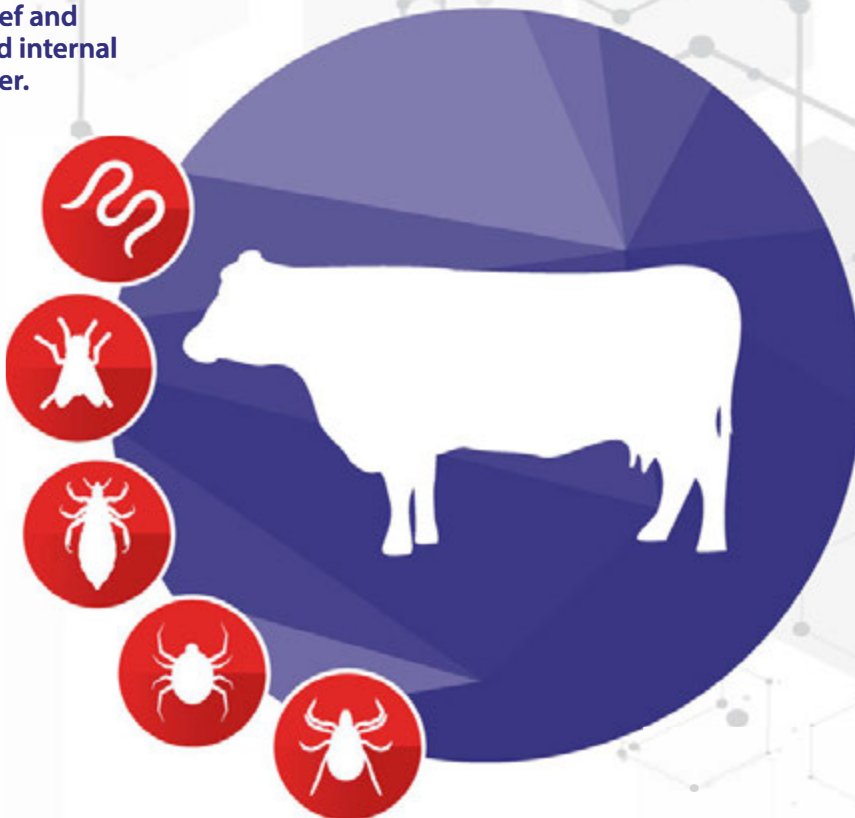
**PASTORAL / AG™**

# **EPRINOLAB®**

**POUR-ON FOR BEEF AND DAIRY CATTLE**

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

For the treatment and control of internal and external parasites in beef and dairy cattle and internal parasites in deer.



**20 L**

PASTORAL AG Eprinolab Pour-On contains eprinomectin, a member of the macrocyclic lactone family of drenches. It is effective against eprinomectin-sensitive strains of internal parasites.

Resistance can develop to any drench.

## INDICATIONS

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.

Aids in the control of cattle tick (*Rhipicephalus 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 L<sub>4</sub>) - small brown stomach worm

*O. lyrata* - brown stomach worm (adults only)

*Ostertagia* spp.

*Haemonchus placei* – barber's pole worm

*Trichostrongylus axei* - stomach hair worm

*T. colubriformis* - intestinal hair worm

*Trichostrongylus* spp.

*Cooperia* spp. (including inhibited L<sub>4</sub>) - 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 *Dictyoaulus viviparus*

## Sucking and Biting Lice:

*Linognathus vituli*

*Haematopinus eurysternus*

*Bovicola (Damalina) bovis*

*Solenopotes capillatus*

## Mites:

*Chorioptes bovis*

*Sarcoptes scabiei* var *bovis*

## Buffalo Fly:

*Haematobia irritans exigua*

When used as directed, PASTORAL AG Eprinolab Pour-On also aids in control of:

## Cattle Tick:

*Rhipicephalus microplus*

(Not recommended for use in strategic tick control programs)

## PERSISTENT ACTIVITY IN CATTLE

PASTORAL AG Eprinolab Pour-On when given at the recommended dosage 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>Dictyoaulus 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

\*The following parasite species are included within 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:

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

For best results PASTORAL AG Eprinolab Pour-On 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.

## DIRECTIONS FOR USE

### Dosage and Administration:

Dose 1 mL per 10 kg liveweight. For external use only.

This 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.

Liveweight (kg)	Dose Volume (mL)	This Pack Treats
Up to 50	5	4000
51-75	7.5	2666
76-100	10	2000
101-125	12.5	1600
126-150	15	1333
151-175	17.5	1142
176-200	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.

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.

### General Directions:

#### 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.

#### Note to user:

Rainfall before or after treatment will not affect the efficacy of PASTORAL AG Eprinolab Pour-On.

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.

- 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.

## WITHHOLDING PERIODS

**CATTLE MEAT/DEER MEAT: Zero (0) days.**

**CATTLE MILK: Zero (0) days.**

## TRADE ADVICE

**EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days.**  
**Before using this product, confirm the current ESI from the distributor on (03) 5820 8444 or the APVMA website ([www.apvma.gov.au/residues](http://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 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

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 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.

B:

EXP:

