



## TECHNICAL NOTES



# Paramectin®

## Injection for Cattle



### Active Constituent

Abamectin 10 mg/mL

### Actions

**Paramectin® Injection** contains abamectin, a member of the avermectin family of compounds which have a unique mode of action unrelated to that of other products used to control parasites of cattle in Australia. It provides a broad spectrum of efficacy against the species of internal and external parasites listed below. **Paramectin® Injection** reduces the need for separate drenching, dipping and spraying operations common in the past.

### Indications

**Paramectin® Injection**, when used at the recommended dose level of 200 µg abamectin per kg liveweight, effectively controls the following parasites of cattle:

#### Gastrointestinal roundworms

*Ostertagia ostertagi* - adult and immature Small Brown Stomach Worm (including inhibited immatures)

*Ostertagia lyrata* - Brown Stomach Worm

*Haemonchus placei* - Barber's Pole Worm

*Trichostrongylus axei* - Stomach Hair Worm

*Trichostrongylus colubriformis* - Intestinal Hair Worm

*Cooperia* spp. - Small Intestinal Worm

*Bunostomum phlebotomum* – Hookworm

*Oesophagostomum radiatum* - Nodule Worm

*Chabertia ovina* – adult stages of Large Mouth Bowel Worm

*Nematodirus spathiger* - Thin-necked Intestinal Worm

*Strongyloides papillosus* - Intestinal Threadworm.

Controls infection with *Haemonchus placei*, *Ostertagia* spp., *Cooperia* spp. and *Oesophagostomum radiatum* acquired up to 7 days after treatment.



[www.jurox.com.au](http://www.jurox.com.au)  
Customer Service 1800 023 312  
® Registered Trademark of Jurox Pty Limited

AUSTRALIA'S  
ANIMAL HEALTH COMPANY





## TECHNICAL NOTES



### Lungworms

*Dictyocaulus viviparus* - adult and immature. Controls infection with *Dictyocaulus viviparus* acquired up to 14 days after treatment.

### Sucking Lice

*Linognathus vituli*.

Does not provide full control of the cattle biting louse *Damalinia bovis*.

When used as directed for control of the internal parasites of cattle, **Paramectin® Injection** concurrently aids in control of:

### Cattle Tick

*Boophilus microplus* (see precautions).

## Contraindications

---

This product is contraindicated in calves under 16 weeks of age or less than 50 kg bodyweight.

## Precautions

---

Caution is advised in the treatment of severely stressed or debilitated animals.

## Withholding Periods

---

**Meat:** DO NOT USE less than 30 days before slaughter for human consumption.

**Milk:** DO NOT USE less than 30 days before collection of milk for human consumption or processing.

## Trade Advice

---

### Export Slaughter Interval (ESI)

DO NOT USE less than 42 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 Jurox Pty Limited on 1800 023 312 or the APVMA website ([www.apvma.gov.au/residues](http://www.apvma.gov.au/residues))

## Dosage and Administration

---

Dose should be based on heaviest cattle in the mob. A representative sample of animals should be weighed before treatment either with scales or a weigh-band. 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.





## TECHNICAL NOTES



**Dose:** 1 mL per 50 kg bodyweight by subcutaneous injection preferably high on the neck behind the ear. Do not use intravenously or intramuscularly.

Liveweight (kg)	Dose (mL)	500 mL treats (head)
to 100 kg and above 16 weeks	2	250
101-150	3	166
151-200	4	125
201-250	5	100
251-300	6	83
301-350	7	71
351-400	8	62
401-450	9	55
451-500	10	50
501-550	11	45
551-600	12	41
601-650	13	38

Cattle in excess of 650 kg to be dosed at 1 mL per 50 kg bodyweight.

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

**Caution: Avoid Carcass Damage.**

1. Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus.
2. Maintain cleanliness at all times.
3. Keep needles sharp and clean. Replace frequently.
4. Use shortest needle possible, certainly not exceeding 15 mm.
5. As far as possible avoid injection of animals during wet weather or under dusty conditions.
6. This product must be injected only under the skin.
7. If possible inject high on the neck behind the ear. Loose skin on the neck in front of the shoulder is also a suitable site.

### Side Effects

Transitory discomfort has been observed in some cattle following subcutaneous administration.

A low incidence of soft tissue swelling at the injection site has been observed. These reactions have disappeared without treatment.

Toxicity seen as unsteady gait, and sometimes death, has occurred due to overdosing in some calves. To avoid overdosing, special care must be exercised in estimating bodyweight and setting the injection equipment.

### Safety Directions

Poisonous if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin.

Wash hands after use.





## TECHNICAL NOTES



---

### First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 1126. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

---

### Presentation

Liquid: 500 mL (pillow pack).

---

### Storage

Store below 30°C (room temperature) in the carton to protect product from light. Use the contents within 28 days of first broaching. Discard the unused portion. Store container upright after initial broaching.

---

### GHS Information

See Safety Data Sheet for GHS information.

---

### Poisons Schedule

S5

---

### Registration Number

APVMA No. 49917

AU - Tech Note - Paramectin® Inj / Jun 2018 / APPROVED



[www.jurox.com.au](http://www.jurox.com.au)  
Customer Service 1800 023 312  
® Registered Trademark of Jurox Pty Limited

AUSTRALIA'S  
ANIMAL HEALTH COMPANY

