Protects your herd from more worm species for longer and faster. 

Eprinex® (eprinomectin)
EPRINEX – superior worm control in beef and dairy cattle

EPRINEX kills and protects against more species of worms for longer periods than any other pour-on*. Providing greater protection for beef and dairy cattle against clinical disease (scouring, anaemia, bottle jaw etc.), and losses in production (reduced weight gain, reproductive performance, and milk production) associated with internal parasite infections.

Broad-spectrum protection

Mixed worm infections are common in cattle. In fact, the majority of cattle have 3 or more worm species present at any one time*. Therefore, it’s important to ensure that your choice of drench covers ALL the important parasites that can affect the health and performance of your cattle.

EPRINEX has been engineered to kill more species of worms in beef and dairy cattle than any other pour-on.

### Number of internal worm species covered by leading Australian pour-ons*

<table>
<thead>
<tr>
<th></th>
<th>EPRINEX®</th>
<th>Cydectin Pour-On®</th>
<th>Dectomax Pour-On®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of species</td>
<td>19</td>
<td>17</td>
<td>12</td>
</tr>
</tbody>
</table>

Improved return for beef producers

EPRINEX’s nil meat withhold and ESI gives peace of mind and management flexibility to both small and large beef producers – allowing producers to respond to the market to achieve the best price for their cattle.

Additionally its broad spectrum, persistent cover can equate to improved weight gains. In a study, eprinomectin-treated cattle gained, on average, 27% (20kg) more than untreated cattle over a 4-5 month period.*

### Improved weight gains in EPRINEX treated animals versus untreated*

- **EPRINEX®**: 20kg over 4-5 months
- **Untreated**
Gastrointestinal worms rarely cause clinical signs of disease in dairy cattle. They can however have a significant impact on their productivity. In the dairy, internal parasites can:

- Reduce the volume of milk production
- Decrease the fat and protein content of milk
- Increase the calving to conception interval in the dairy herd
- Delay the onset of puberty, and first calving of replacement heifers

EPRINEX’s active ingredient, Eprinomectin, has been scientifically developed to partition away from milk. The resulting NIL milk withhold, coupled with EPRINEX’s ability to kill more worm species for longer than any other pour-on, makes it the ultimate dairy drench.

**Milk productivity and quality**

In Australian Dairy cattle, EPRINEX given in early lactation has been shown to significantly increase milk volume and the quantity of fat and protein produced. A study involving over 2,500 cows, showed that over the first 100 days of lactation EPRINEX had the following average effect on milk production.

<table>
<thead>
<tr>
<th>Effect</th>
<th>Increment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milk volume</td>
<td>47 litres per cow</td>
</tr>
<tr>
<td>Fat</td>
<td>1.8 kilograms per cow</td>
</tr>
<tr>
<td>Protein</td>
<td>2.2 kilograms per cow</td>
</tr>
</tbody>
</table>

**Herd fertility**

A study has shown that first-calf heifers treated with EPRINEX post calving significantly reduce their average calving to conception interval by 13 days (79.7 days compared to 92.6 days), and significantly improve their positive pregnancy rate after first insemination by 52.2%.

| Average calving to conception interval in EPRINEX treated versus untreated |
|-----------------------------|--------------------------|
| EPRINEX®                    | 79.7 days                |
| Untreated                   | 92.6 days                |
EPRINEX technical information

Active Constituents: EPRINOMECTIN 5mg/mL

Product description
For the treatment and control of internal and external parasites of beef and dairy cattle.

Product benefits
- Sustained activity to kill more species of worms for longer than any other pour-on
- No milk or meat withholding period, zero ESI
- Completely weather proof, not just rain fast
- The fastest acting ML pour-on

Indications

Gastrointestinal roundworms
For the control of adult and immature:
- Ostertagia spp.
- Ostertagia ostertagi (small brown stomach worm) (including inhibited L4)
- O. lyrata (brown stomach worm) (adults only)
- Haemonchus placei (barbers pole worm)
- Trichostrongylus spp.
- Trichostrongylus axei (stomach hair worm)
- T. colubriformis (intestinal hair worm)
- Cooperia spp. (small intestinal worm) (including inhibited L4)
- C. oncophora
- C. pectinata
- C. punctata
- C. surnabada
- Oesophagostomum spp.
- Oesophagostomum radiatum (nodule worm)
- 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 (Damalinia) bovis
- Solenopotes capillatus

Mites
- Choriointes bovis
- Sarcoptes scabiei var bovis

Buffalo Fly
- Haematobia irritans exigua

Cattle Tick
- Aids in control of Boophilus microplus

Prolonged persistent cover
EPRINEX kills and protects against more species of worms for longer periods than any other pour-on product. The chart below shows the length of time that EPRINEX continues to kill incoming parasite larvae of labelled worm species after administration (i.e. days of persistent activity) compared with two competitor products.

Days of protection offered against reinfection

<table>
<thead>
<tr>
<th>EPRINEX® Pour-On</th>
<th>Cydectin® Pour-On</th>
<th>Dectomax® Pour-On</th>
</tr>
</thead>
<tbody>
<tr>
<td>28*</td>
<td>28*</td>
<td>28*</td>
</tr>
<tr>
<td>O. ostertagi</td>
<td>O. lyrata</td>
<td>35*</td>
</tr>
<tr>
<td>O. leptospicularis</td>
<td>C. pectinata</td>
<td>35*</td>
</tr>
<tr>
<td>C. oncophora</td>
<td>C. punctata</td>
<td>21*</td>
</tr>
<tr>
<td>C. punctata</td>
<td>C. surnabada</td>
<td>21*</td>
</tr>
<tr>
<td>Oesophagostomum ssp.</td>
<td>T. axei</td>
<td>21*</td>
</tr>
<tr>
<td>Oesophagostomum radiatum</td>
<td>T. colubriformis</td>
<td>28*</td>
</tr>
<tr>
<td>Nematodirus helvetianus</td>
<td>Haemonchus placei</td>
<td>28*</td>
</tr>
<tr>
<td>Bunostomum phlebotomum</td>
<td>Trichostrongylus axei</td>
<td>28*</td>
</tr>
<tr>
<td>Dictyocaulus viviparus</td>
<td>Oesophagostomum radiatum</td>
<td>28*</td>
</tr>
</tbody>
</table>

* No registered label claim for persistent activity. Persistent activity is the length of time a product continues to kill incoming parasite larvae after administration. *Up to the periods shown. See product label for full claim details.
Directions for use
Dosage and Administration
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 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 formulation should be applied along the topline in a narrow strip extending from the withers to the tailhead. The dose rate is 1mL for each 10kg of liveweight.

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

Withholding periods
MEAT: NIL
MILK: NIL
EXPORT SLAUGHTER INTERVAL (ESI): NIL

Rainfast
EPRINEX is not just rainfast, it is fully weatherproof. This gives the flexibility to use at any time, in any weather conditions. Its oil based formulation helps protect it from environmental conditions that may impact on the efficacy of some solvent based products. Rainfall before or after treatment will not affect the efficacy of EPRINEX Pour-On.

Dung Beetle safety
With no evidence that residues of any macrocyclic lactone in cattle dung have any long term effects on dung beetle populations or dung degradation in the field in Australia\(^5\), the good news is that appropriate use of EPRINEX is not likely to have any impact on dung beetle populations on your property.

Storage
Store below 30 °C (Room Temperature). Store bottle or pack in carton to protect from light.

Pack size
Available in 1 Litre, 2.5 Litre, 5 Litre, 12.5 Litre, 15 Litre, 20 Litre and 22.5 Litre packs.

Both the 2.5L and 5L pack sizes are packaged in convenient, collapsible backpacks for easy use. The 1L pack sizes feature the flexible ‘Magicap’ dispenser that eliminates the need for a drench gun.

<table>
<thead>
<tr>
<th>Live Weight (kg)</th>
<th>Dose Volume (mL)</th>
<th>Number of doses per pack size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>250mL</td>
</tr>
<tr>
<td>Up to 50</td>
<td>5</td>
<td>50</td>
</tr>
<tr>
<td>51 - 75</td>
<td>7.5</td>
<td>33</td>
</tr>
<tr>
<td>76 - 100</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>101 - 125</td>
<td>12.5</td>
<td>20</td>
</tr>
<tr>
<td>126 - 150</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>151 - 175</td>
<td>17.5</td>
<td>14</td>
</tr>
<tr>
<td>176 - 200</td>
<td>20</td>
<td>12</td>
</tr>
<tr>
<td>201 - 250</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>251 - 300</td>
<td>30</td>
<td>8</td>
</tr>
<tr>
<td>301 - 350</td>
<td>35</td>
<td>7</td>
</tr>
<tr>
<td>351 - 400</td>
<td>40</td>
<td>6</td>
</tr>
<tr>
<td>401 - 450</td>
<td>45</td>
<td>5</td>
</tr>
<tr>
<td>451 - 500</td>
<td>50</td>
<td>5</td>
</tr>
<tr>
<td>501 - 550</td>
<td>55</td>
<td>4</td>
</tr>
<tr>
<td>551 - 600</td>
<td>60</td>
<td>4</td>
</tr>
<tr>
<td>601 - 650</td>
<td>65</td>
<td>3</td>
</tr>
</tbody>
</table>

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

For further information contact your local Merial Territory Manager, your local rural store, call Merial Customer Solutions on 1800 808 691 or visit www.merial.com.au
EPRINEX – the facts

✓ Protects your herd from more species of worm for longer*
✓ Nil ESI and meat withhold gives beef producers flexibility in the marketplace
✓ Nil milk withhold makes EPRINEX the ideal dairy drench

Key drench times

✓ Routine beef and dairy drench
✓ Dairy program – dry off, early lactation, mid lactation
✓ Beef program – late winter/spring drench, summer drench

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