Extended-release injectable parasiticide offering up to 150 DAYS OF PROTECTION.

FEATURES:
- The first extended-release, single-dose injection to provide up to 150 days of parasite control.\(^1\)
- Nothing else comes close to the persistency, or efficacy of LONGRANGE. Even against tough-to-kill worms.
- It’s a single-dose prescription product to be administered subcutaneously at 1 mL/110 lbs.
- Available in 100, 250 and 550 mL bottle sizes; bottle protectors.

FUNCTION:
Unique THERAPHASE\(^\text{TM}\) formulation makes LONGRANGE a responsible choice:
- Allows LONGRANGE to work for an extended period then quickly leaves the animal’s system.
- Quickly goes to work controlling parasites and continues working months down the line. All from a single treatment.

BENEFITS:
- Conventional dewormers only protect for the first 14 to 42 days of the grazing season.
- Larvae levels peak weeks after conventional dewormers have quit completely, often requiring multiple treatments.
- LONGRANGE helps grazing cattle avoid infection through peak larvae buildup.
Protection that lasts up to three times longer than traditional dewormers.¹

WELCOME TO LONGRANGE®
(eprinomectin).

Important Safety Information: Do not treat within 48 days of slaughter. Not for use in female dairy cattle 20 months of age or older, including dry dairy cows, or in veal calves. Post-injection site damage (e.g. granulomas, necrosis) can occur. These reactions have disappeared without treatment.

¹ Dependent on parasite species, as referenced in FOI summary and LONGRANGE product label.
² LONGRANGE product label.
³ CYDECTIN Injectable product label and DECTOMAX product label.

Merital is now a part of Boehringer Ingelheim. LongRange and the Cattle Head logo are registered trademarks, and Theraphase is a trademark, of Merital. All other marks are the property of their respective owners. ©2018 Boehringer Ingelheim Vetmedica, Inc. BOV-1068-ANTH0318

For more information, visit THELONGRANGELOOK.COM or contact your Boehringer Ingelheim representative.

First, always ask if the manufacturer rep has visited the practice recently:

Doctor, has the Boehringer Ingelheim rep been in to see you in the last two weeks?

If yes, confirm the benefits!
If no, detail as the primary contact.

Confidence
I believe LONGRANGE will provide an important tool for managing parasite infection and reinfection in your cattle or clients’ cattle.¹ ²

Invitation (neutral)
Let’s take a look at some of the key benefits about LONGRANGE…

Acknowledge the customer as the decision maker:
…so you can decide whether LONGRANGE is a solution you’ll consider for your cattle or clients’ cattle who are interested in using an extended-release parasite control product.
Extended-Release Injectable Parasiticide
5% Sterile Solution
NADA 141-327, Approved by FDA for subcutaneous injection
For the Treatment and Control of Internal and External Parasites of Cattle with Persistent Effectiveness

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS FOR USE
LONGRANGE, when administered at the recommended dose volume of 1 mL per 110 lb (50 kg) body weight, is effective in the treatment and control of 20 species and stages of internal and external parasites of cattle:

- **Gastrointestinal Roundworms**
  - Bunostomum phlebotomum – Adults and L4
  - Cooperia oncophora – Adults and L4
  - Cooperia punctata – Adults and L4
  - Cooperia surnabada – Adults and L4
  - Haemonchus pluvialis – Adults
  - Oesophagostomum radiatum – Adults
  - Trichostrongylus axei – Adults and L4
  - Trichostrongylus colubriformis – Adults

- **Lungworms**
  - Dictyocaulus viviparus – Adults
  - Ostertagia lyrata – Adults
  - Ostertagia ostertagi – Adults, L4, and inhibited L4
  - Trichostrongylus axei – Adults and L4

Parasites Durations of Persistent Effectiveness

<table>
<thead>
<tr>
<th>Gastrointestinal Roundworms</th>
<th>Persistent Effectiveness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bunostomum phlebotomum</td>
<td>150 days</td>
</tr>
<tr>
<td>Cooperia oncophora</td>
<td>100 days</td>
</tr>
<tr>
<td>Cooperia punctata</td>
<td>100 days</td>
</tr>
<tr>
<td>Haemonchus pluvialis</td>
<td>120 days</td>
</tr>
<tr>
<td>Oesophagostomum radiatum</td>
<td>120 days</td>
</tr>
<tr>
<td>Trichostrongylus axei</td>
<td>120 days</td>
</tr>
<tr>
<td>Trichostrongylus colubriformis</td>
<td>100 days</td>
</tr>
</tbody>
</table>

DOSAGE AND ADMINISTRATION
LONGRANGE® (eprinomectin) should be given only by subcutaneous injection in front of the shoulder at the recommended dosage level of 1 mg eprinomectin per kg body weight (1 mL per 110 lb body weight).

WARNINGS AND PRECAUTIONS
Withdrawal Periods and Residue Warnings
Animals intended for human consumption must not be slaughtered within 48 days of the last treatment. This drug product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. A withdrawal period has not been established for pre-ruminating calves. Do not use in calves to be processed for veal.

Animal Safety Warnings and Precautions
The product is likely to cause tissue damage at the site of injection, including possible granulomas and necrosis. These reactions have disappeared without treatment. Local tissue reaction may result in trim loss of edible tissue at slaughter. Observe cattle for injection site reactions. If injection site reactions are suspected, consult your veterinarian. This product is not for intravenous or intramuscular use. Protect product from light. LONGRANGE® (eprinomectin) has been developed specifically for use in cattle only. This product should not be used in other animal species.

When to Treat Cattle with Grubs
LONGRANGE effectively controls all stages of cattle grubs. However, proper timing of treatment is important. For the most effective results, cattle should be treated as soon as possible after the end of the heel fly (warble fly) season.

Environmental Hazards
Not for use in cattle managed in feedlots or under intensive rotational grazing because the environmental impact has not been evaluated for these scenarios.

Other Warnings:
- Underdosing and/or subtherapeutic concentrations of extended-release anthelmintic products may encourage the development of parasite resistance. It is recommended that parasite resistance be monitored following the use of any anthelmintic with the use of a fecal egg count reduction test program.

TARGET ANIMAL SAFETY
Clinical studies have demonstrated the wide margin of safety of LONGRANGE® (eprinomectin). Overdosing at 3 to 5 times the recommended dose resulted in a statistically significant reduction in average weight gain when compared to the group treated at label dose. Treatment-related lesions observed in most cattle administered the product included swelling, hyperemia, or necrosis in the subcutaneous tissue of the skin. The administration of LONGRANGE® at 3 times the recommended therapeutic dose had no adverse reproductive effects on beef cows at all stages of breeding or pregnancy or on their calves. Not for use in bulls, as reproductive safety testing has not been conducted in males intended for breeding or actively breeding. Not for use in calves less than 3 months of age because safety testing has not been conducted in calves less than 3 months of age.

STORAGE
Store at 77°F (25°C) with excursions between 59° F (15° C) and 86° F (30° C). Protect from light. Made in Canada.

Manufactured for Merial, Inc., Duluth, GA, USA.

®The Cattle Head Logo and ®LONGRANGE are registered trademarks of Merial, Inc. ©2015 Merial, Inc. All rights reserved. 1050-2889-06, Rev. 2/2015, BOMBC

LONGRANGE® (eprinomectin)
By Merial