For the treatment and control of moxidectin sensitive gastrointestinal parasites (including benzimidazole and/or levamisole resistant strains), lungworm and itchmite of sheep.

WHAT IS CYDECTIN LV?

✓ Contains moxidectin – the most potent macrocyclic lactone (ML)
✓ Broad spectrum worm control
✓ 14 days persistent activity against barber’s pole worm and small brown stomach worm
✓ Recommended for highly contaminated pastures
✓ Low volume formulation
✓ Cydectin LV does not contain selenium

WHY CHOOSE CYDECTIN LV?

1. Contains moxidectin
   Moxidectin is the most potent member of the macrocyclic lactone (ML) family of drenches, meaning it can kill worms resistant to ivermectin and abamectin.

2. Broad spectrum parasite control
   Cydectin LV is highly effective against all major internal parasites that are susceptible to an ML drench, including gastrointestinal roundworms and large lungworm. These worms reduce overall productivity, especially in young animals. Weight gain and wool growth can be significantly reduced. Cydectin LV also controls itch mite.

3. Persistent activity
   Cydectin LV prevents reinfection with Ostertagia spp and barber’s pole worm (Haemonchus contortus) for at least 14 days. It prevents pasture contamination by Ostertagia spp eggs for at least 35 days and barber’s pole worm (Haemonchus contortus) eggs for at least 30 days. Persistent activity is important when there is significant pasture contamination, as it can delay the need for subsequent drenching. Preventing pasture contamination by eggs can also delay the need for subsequent drenching.

4. Unselenised
   Excess selenium can cause toxicity issues in sheep. Where sheep are receiving sufficient amounts of selenium in their diet an unselenised drench is recommended. If selenium supplementation via a drench is required, Cydectin SE LV Drench is recommended.

5. Low volume formulation
   A low volume formulation means you are giving smaller doses per animal whilst delivering the same amount of active ingredient. This is an advantage when large numbers of sheep are being treated, or you are treating heavy sheep. The low volume formulation allows easier and quicker drenching.

6. Safety
   Cydectin LV has a wide margin of safety when used as recommended, and is readily accepted by sheep. It can be safely used concurrently with other treatments including mineral supplements, fluke treatments and vaccines.

WHEN TO USE CYDECTIN LV

1. On high risk pastures with moderate to high larval contamination
   Use Cydectin LV when sheep are on or will be moved to high risk pastures which have moderate to high contamination with larval parasites

2. Prelambing
   Before lambing ewes lose some of their natural resistance to worm infections. The persistent activity of Cydectin LV allows good worm control, with minimum need to handle the animals during this important time

3. When rotating to an ML drench
   It is important to use effective drenches on your property. If ML drenches still give effective control on your property and you have high risk pastures, then Cydectin LV is an excellent drench to use as the ML drench in your rotation. Being a highly potent chemical it gives effective control of susceptible worms and may help delay resistance compared with a less potent chemical.

4. In combination with other drenches
   Drenching with a combination of actives from different drench families provides an effective tool to fight resistance in worms. Cydectin LV can be mixed with Combat Oral Drench for Sheep and Lambs (naphthalophos, Virbac (Australia) Pty Limited), with a fenbendazole/levamisole/selenium combination drench (such as Duocare® LV plus Selenium) or with a levamisole low volume drench. Shake well before use and during application to keep the drench well mixed. Use the mixture within 48 hours of mixing and store the mixture at or below 30°C (room temperature).

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Passionate about animal health
5. Quarantine

The high potency necessary for successful quarantine treatments is best achieved by employing drenches from at least three, but preferably four families (white, clear, ML and naphthalophos, e.g. Combat) at the same time. This can be achieved by dosing sheep with products containing the right combination of actives (mixing of products prior to application should only be done under veterinary supervision unless a label provides mixing instructions). Cydectin LV provides the ML component of a quarantine treatment and can easily be used in conjunction with Duocare plus Selenium (white and clear) to deliver three drench families. It can also be used in conjunction with a Combat/Duocare LV plus Selenium mixture to provide four drench families.

6. Drench resistance testing

It is essential to understand the level of resistance to the various drench families on a particular property. Faecal egg count reduction tests (FECRTs) provide objective measurements of which drenches are working and which fall below the level of efficacy required for good worm control (i.e. 95% efficacy). FECRTs should be conducted every two to three years to monitor any changes in resistance levels.

7. Worm Testing

Worm egg counts provide valuable information to optimise drench timing. Egg counts will show if a drench is not required because of low worm numbers, but can also reveal production limiting worm infections before clinical signs such as scouring or wasting are evident. A larval differentiation assay provides identification of the worm species present so that the optimal type of drench can be selected.

WHEN TO USE CYDECTIN LV

1. Administration

Cydectin LV is applied using standard drenching equipment. Dose the mob according to the heaviest animal by bodyweight in the group (ewes, rams, lambs). A representative sample of animals should be weighed before treatment. Do not underdose. Do not drench in marking cradles due to increased risk of aspiration into the lungs. Check accuracy of drenching equipment before and during use.

INDICATIONS

Cydectin LV Drench for Sheep is a second generation macrocyclic lactone endectocide which is effective against internal and external parasites sensitive to this family including the following parasites of sheep.

<table>
<thead>
<tr>
<th>Mature (adult) and immature (L4)</th>
<th>Large mucosal bowel worm</th>
<th>Chabertia ovina</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black scour worm</td>
<td>Trichostrongylus rugatus</td>
<td></td>
</tr>
<tr>
<td>Small brown stomach worm</td>
<td>Trichostrongylus vitrinus</td>
<td></td>
</tr>
<tr>
<td>Small intestinal worm</td>
<td>Oestergaella bifurcata</td>
<td></td>
</tr>
<tr>
<td>Thin necked intestinal worm</td>
<td>Cooperia curticei</td>
<td></td>
</tr>
<tr>
<td>Large bowel worm</td>
<td>Nematodirus americanus</td>
<td></td>
</tr>
<tr>
<td>Whipworm</td>
<td>Nematodirus helvetianus</td>
<td></td>
</tr>
<tr>
<td>Ectoparasites</td>
<td>Oesophagostomum venulosum</td>
<td></td>
</tr>
</tbody>
</table>

HOW TO USE CYDECTIN LV

1. Application

Cydectin LV is applied using standard drenching equipment. Dose the mob according to the heaviest animal by bodyweight in the group (ewes, rams, lambs). A representative sample of animals should be weighed before treatment. Do not underdose. Do not drench in marking cradles due to increased risk of aspiration into the lungs. Check accuracy of drenching equipment before and during use.

COMPOSITION

- Moxidectin 2.0 g/L

DOSAGE

Cydectin® LV is given orally at the recommended dose rate of 1mL/10kg bodyweight.

<table>
<thead>
<tr>
<th>Bodyweight (kg)</th>
<th>Dose Volume (mL)</th>
<th>Animals Treated (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>1</td>
<td>10000</td>
</tr>
<tr>
<td>11 - 20</td>
<td>2</td>
<td>5000</td>
</tr>
<tr>
<td>21 - 30</td>
<td>3</td>
<td>3333</td>
</tr>
<tr>
<td>31 - 40</td>
<td>4</td>
<td>2500</td>
</tr>
<tr>
<td>41 - 50</td>
<td>5</td>
<td>2000</td>
</tr>
<tr>
<td>51 - 60</td>
<td>6</td>
<td>1666</td>
</tr>
<tr>
<td>61 - 70</td>
<td>7</td>
<td>128</td>
</tr>
</tbody>
</table>

Animals in excess of 70kg bodyweight to be dosed at 1mL/10kg bodyweight.

WITHHOLDING PERIODS/ESI

- Meat: 7 days
- Milk: Do not use in female sheep which are producing, or may in the future produce, milk or milk products for human consumption
- ESI: 7 days

PRESENTATION

Liquid: 10L

STORAGE

30°C (Room temperature) and protect from sunlight. Do not freeze.

APVMA Number

46517

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