For the control of Benzimidazole-sensitive mature and immature Roundworms, Lungworms and Tapeworms in sheep, cattle and goats.

WHAT IS OXFEN LV?

✓ A white (BZ) drench
✓ Low volume formulation
✓ Broad spectrum worm control, including tapeworm
✓ Short acting
✓ Registered for goats
✓ Ovicidal
✓ Mixes easily with naphthalophos (Combat)

WHY CHOOSE OXFEN LV?

1. For your white drench rotation
   Oxfen LV contains oxfendazole, a member of the benzimidazole drench family. If white drenches are still effective on your property, Oxfen LV provides an opportunity to rotate away from macrocyclic lactone (ML) or levamisole (clear) drenches.

2. Low volume formulation
   A low volume formulation means you are giving smaller doses per animal, whilst still getting 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.

3. Broad spectrum worm control
   Oxfen LV will control all major roundworms that are susceptible to a BZ drench (except whipworms). These worms reduce overall productivity especially in young animals. Weight gains and wool growth can be affected significantly. Oxfen LV also controls tapeworm.

4. Short acting
   Until now, popular thought has suggested that persistence is a desirable trait in a drench. Some drenches have even promoted their longer persistence as a benefit or been formulated into capsules to provide longer action. There is a sting in the tail however – persistence breeds resistance. A drench with persistence increases the selective pressure for resistance because it continues to kill susceptible worms whilst allowing resistant worms to reproduce. A shorter acting drench like oxfendazole is less likely to do this than persistent drenches or drench capsules.

5. Registered for goats
   There are very few drenches registered for use in goats. Oxfen LV has been used safely by goat producers across Australia for many years, and continues to be one of the more popular drenches used in the goat industry.

6. Ovicidal
   Oxfendazole is ovicidal in sheep and goats, ensuring that roundworm eggs passed in the dung are rendered infertile, reducing the potential for further pasture contamination.

WHEN TO USE OXFEN LV

1. When rotating to a white drench
   It is important to use effective drenches on your property. If white drenches still give effective control on your property, then Oxfen LV is a useful tool to extend the life of the more powerful drenches available, including the macrocyclic lactone (ML) drenches.

2. 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 will also reveal production limiting worm infections long 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.

3. 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.
HOW TO USE OXFEN LV

1. Mixed with naphthalophos®
   Naphthalophos (Combat) and oxfendazole can be used in combination to provide an effective alternative to ML-based drenches. Oxfen LV mixes easily with Combat. *Check Combat Product Information Sheet for mixing instructions.

2. Administration
   Oxfen LV is applied orally using standard drenching equipment. Shake well before use. Dose the mob according to the heaviest animal by bodyweight in the group (ewes, rams, lambs, bulls, cows, steers, calves). Where there is a large variation in size within the group, draft into two or more lines based on bodyweight. A representative sample of animals should be weighed before treatment. Do not underdose. Do not drench in marking cradles due to the increased risk of aspiration into the lungs. Check accuracy of drenching equipment before and during use.

INDICATIONS
   Oxfen LV is effective against the following benzimidazole-sensitive mature and immature roundworms, lungworms and tapeworms in sheep and goats:
   - Barber's pole worm
   - Stomach hair worm
   - Small brown stomach worm
   - Black scour worm
   - Small intestinal worm
   - Thin necked intestinal worm
   - Nodule worm
   - Large bowel worm
   - Large mouthed bowel worm
   - Large lungworm
   - Tapeworm

   Reduces worm egg hatching. For this to be of benefit, sheep should not be placed on clean pasture until 6 hours after drenching.

   Oxfen LV is effective against the following benzimidazole-sensitive mature and immature roundworms, lungworms and tapeworms in cattle:
   - Barber's pole worm
   - Stomach hair worm
   - Intestinal hair worm or black scour worm
   - Hookworm
   - Small intestinal worm
   - Thin necked intestinal worm
   - Nodule worm
   - Lungworm
   - Small brown stomach worm including hypobiotic larvae
   - Tapeworm

   Reduces worm egg hatching. For this to be of benefit, sheep should not be placed on clean pasture until 6 hours after drenching.

OXFEN LV is given orally at the recommended dose rate of 1mL/10kg in sheep, goats and cattle.

<table>
<thead>
<tr>
<th>COMPOSITION</th>
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<tbody>
<tr>
<td>• Oxfendazole 45.3g/L</td>
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DOSAGE

<table>
<thead>
<tr>
<th>SHEEP &amp; GOATS</th>
<th>CATTLE</th>
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</thead>
<tbody>
<tr>
<td><strong>Body-weight kg</strong></td>
<td><strong>Dose Volume mL</strong></td>
</tr>
<tr>
<td>Up to 15</td>
<td>1.5</td>
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<tr>
<td>16-20</td>
<td>2</td>
</tr>
<tr>
<td>21-25</td>
<td>2.5</td>
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<tr>
<td>26-30</td>
<td>3</td>
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<tr>
<td>31-35</td>
<td>3.5</td>
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<tr>
<td>36-40</td>
<td>4</td>
</tr>
<tr>
<td>41-45</td>
<td>4.5</td>
</tr>
<tr>
<td>46-50</td>
<td>5</td>
</tr>
<tr>
<td>51-55</td>
<td>5.5</td>
</tr>
<tr>
<td>56-60</td>
<td>6</td>
</tr>
<tr>
<td>61-65</td>
<td>6.5</td>
</tr>
<tr>
<td>66-70</td>
<td>7</td>
</tr>
</tbody>
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Animals in excess of 70kg bodyweight dosed at 1mL/10kg.

WITHHOLDING PERIODS/ESI

- **Meat:** 10 days
- **Milk:** Cattle - Nil. Sheep & Goats - Do not use in female sheep or goats which are producing or may in the future produce milk or milk products for human consumption.
- **ESI:** 14 days

PRESENTATION

- Liquid: 10L

STORAGE

- Store below 30°C (room temperature) in original container.

APVMA Number

- 40267

The content of this document is based on the label claims of an APVMA registered product as at November 2008.