For the treatment of gastro-intestinal parasites and lungworm in sheep and cattle

WHAT IS LEVAMISOLE GOLD LV?

✓ A ‘clear’ oral drench for sheep and cattle
✓ Broad spectrum worm control
✓ Highly effective against susceptible barber’s pole worm
✓ Short acting
✓ Short WHP and ESI
✓ Low volume formulation
✓ Mixes easily with naphthalophos (e.g. Combat)

WHY CHOOSE LEVAMISOLE GOLD LV?

1. For your clear drench rotation
   Levamisole Gold LV is a clear drench, providing an opportunity to rotate away from macrocyclic lactone (ML) or benzimidazole (white) drenches. Levamisole is still highly effective against barber’s pole worm and Nematodirus on many properties. Nematodirus is often a problem after drought or in lambing paddocks as the egg is resilient and can survive in hot, dry conditions for long periods.

2. Broad spectrum worm control
   Levamisole Gold LV is highly effective against all major internal parasites that are susceptible to a clear drench, including gastrointestinal roundworms and lungworm. These worms reduce overall productivity, especially in young animals. Weight gains can be reduced by up to 20% and milk and wool production can be affected significantly.

3. Highly effective against barber’s pole worm
   Resistance to levamisole by barber’s pole worm in sheep is not common, so Levamisole Gold LV provides a cost-effective, short acting option to treat this worm. This is especially important if barber’s pole worm is the major worm on a property and an alternative to a macrocyclic lactone (ML) drench is required for the purpose of rotation.

4. Short WHP and ESI
   Only approximately 0.9% of the initial dose of levamisole can be found in tissues. This enables Levamisole Gold LV to have a very short meat withholding period and export slaughter interval giving you the flexibility to get your lambs to market at the optimal time.

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

WHEN TO USE LEVAMISOLE GOLD LV

1. When rotating to a clear drench
   It is important to use effective drenches on your property. If clear drenches still give effective control on your property (>95% efficacy), then Levamisole Gold LV is a useful tool to extend the life of the more powerful drenches available, including the macrocyclic lactone (ML) drenches (e.g. Cydectin® Oral Drench for Sheep).

2. In combination with ML drenches
   Drenching with a combination of actives from different drench families provides the best tool to fight resistance in worms. Producers wanting an effective combination could use an ML such as Cydectin LV Drench for Sheep. Levamisole Gold LV and Cydectin LV can be mixed in a ratio of 1:1. The mixture after shaking well would be administered at a dosage of 1 mL/5 kg liveweight using standard drenching equipment. The withholding period and Expert Slaughter Interval of the mixture is 7 days. Do not use in female sheep which are producing or may in the future produce milk or milk products for human consumption. Use the mixture within 48 hours of mixing, and store the mixture at or below 30ºC (room temperature).

3. In combination with Naphthalophos
   Naphthalophos (e.g. Combat) plus Levamisole Gold LV is a highly potent combination that is effective against most strains of ML resistant worms, particularly barber’s pole worm. Levamisole Gold LV can be mixed with Combat prior to application (see Combat label for mixing details).

4. 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.

5. 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. minimum 95% efficacy). FECRTs should be conducted every two to three years to monitor any changes in resistance levels.
Levamisole Gold 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, wethers, rams, lambs). 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
Levamisole Gold LV is effective against the following levamisole-sensitive parasites in sheep, including those which are resistant to benzimidazoles.

- Barber’s pole worm
- Stomach hair worm
- Small brown stomach worm
- Black scour worm
- Small intestinal worm
- Thin necked intestinal worm
- Intestinal threadworm
- Hookworm
- Nodule worm
- Large bowel worm
- Large moulthed bowel worm
- Large lungworm

Levamisole Gold LV is effective against the following levamisole-sensitive parasites in cattle:

- Barber’s pole worm
- Stomach hair worm
- Intestinal hair worm or Black scour worm
- Small intestinal worm
- Thin necked intestinal worm
- Intestinal threadworm
- Hookworm
- Nodule worm
- Large lungworm

Levamisole Gold LV is effective against the following levamisole-sensitive parasites in cattle:

- Haemonchus contortus
- Trichostrongylus axei
- Teladorsaia [Ostertagia] spp
- Trichostrongylus spp
- Cooperia spp
- Nematodirus spp
- Strongyloides papillosus
- Bunostomum trigonocephalum
- Oesophagostomum columbianum
- Oesophagostomum venulosum
- Chabertia ovina
- Dictyocaulus filaria

CONTRAINDICATION
This product is contraindicated for use in dogs and horses.

PRECAUTIONS
Exercise care in handling weak, pregnant and young animals to avoid unnecessary stress. Avoid yarding animals off-feed overnight, and ensure animals have access to water when yarding prior to drenching. Recommended doses should not be exceeded, except under veterinary supervision.

COMPOSITION
- Levamisole (As hydrochloride) 75g/L

DOSAGE
Levamisole Gold LV is given orally at the recommended dose rate of 1mL/10kg bodyweight in sheep and 5mL/50kg bodyweight in cattle.

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<th>Bodyweight (kg)</th>
<th>Dose Volume (mL)</th>
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Animals in excess of 75kg bodyweight dosed at 1mL/10kg.
Animals in excess of 650kg bodyweight dosed at 5mL/50kg

WITHHOLDING PERIODS/ESI
- Meat: 3 days
- Milk: Do not use in dairy animals which are producing or will in the future produce milk for human consumption or processing
- ESI: 7 days

PRESENTATION
Liquid: 10L

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

APVMA Number
38851