PRODUCT INFORMATION

WSD LOW VOLUME COMBINATION

Oral Anthelmintic for Sheep and Lambs

Product Description
WSD LOW VOLUME COMBINATION is a broad spectrum treatment for internal parasites of sheep and lambs- treating roundworms and tapeworms.

Type of Preparation
WSD LOW VOLUME COMBINATION is a suspension of 50g/L fenbendazole-a benzimidazole (BZ) - and a solution of 80g/L Levamisole, for oral use as a drench.

Indications
Sheep and Lambs:
Mature and immature stages of worm parasites susceptible to levamisole and benzimidazole (singly or combination):
Barber’s pole worm (Haemonchus contortus), black scour worm (Trichostrongylus spp), large mouthed bowel worm (Chabertia ovina), nodule and large bowel worms (Oesophagostomum spp), thin necked intestinal worm (Nematodirus spp), small brown stomach worm (Ostertagia spp), small intestinal worm (Cooperia spp), large lungworm (Dictyocaulus filaria), hookworm (Bunostomum spp), intestinal threadworm (Strongyloides papillosus). Aids in the control of tapeworm (Moniezia expansa) and whipworm (Trichuris ovis).

The combination of fenbendazole and levamisole may be effective against parasites resistant to benzimidazoles or levamisole administered singly or against worms resistant to macrocyclic (ML) drenches.

Milking Sheep: Suitable for use in sheep producing milk for human consumption (see withholding period).

Dosage
Always refer to the label. Separate stock into different weight classes if there is a large variation in age and weight. Dose at the rate of 1ml per 10kg body weight.
Levamisole may be toxic. It is recommended that sheep or lambs should NOT be fasted before the administration of any drench containing levamisole.

Advice On Use
• WSD LOW VOLUME COMBINATION is a broad-spectrum treatment which is highly effective against mature and immature worm parasites on many Australian farms.
• The use of WSD LOW VOLUME COMBINATION or WSD COMBINATION drench is indicated in strategic programs to reduce contamination of pastures when testing has shown it to be effective against local worm parasites.
• The simultaneous administration of a BZ and levamisole may be effective against worm parasites resistant to either drench administered singly or against strains of Ostertagia resistant to ML drenches. It is advisable to test efficacy before relying on combination as a strategic treatment.
• On many farms, WSD LOW VOLUME COMBINATION is an effective treatment for worm infestations due to stomach, small and large bowel parasites. It is particularly useful to treat an infestation by mature and immature worms in animals grazing pastures known to be moderately or heavily contaminated with worm larvae.
• WSD LOW VOLUME COMBINATION is highly effective but without residual effect against barbers pole worm (Haemonchus) and can be used to treat haemonchosis.
• The repeated use of any drench is likely to result in the emergence of resistance in worm parasites and therefore, regular testing for efficacy is recommended.
WSD Low Volume Combination

ORAL ANTHELMINTIC FOR SHEEP AND LAMBS

Active constituent:
80 g/L Levamisole Hydrochloride (equivalent to 67.5 g/L Levamisole), 50 g/L Fenbendazole

For the control of benzimidazole and levamisole sensitive gastrointestinal roundworms and lungworms. It is also particularly useful in cases of single resistance strains to either benzimidazoles or levamisole. Aids in reducing egg output. (for this to be of benefit, treated sheep and lambs should not be placed on clean pasture until 12 hours has elapsed after treatment)

READ DIRECTIONS FOR USE BEFORE USING THIS PRODUCT
**DIRECTIONS FOR USE**

**Shake well before use.**

**CONTRAINDICATIONS**

Dogs or horses should not be drenched with WSD LOW VOLUME COMBINATION.

**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 yarded prior to drenching. Recommended dose should not be exceeded. Avoid yarding prior to drenching. Recommended dose should not be exceeded.

**ADVERSE REACTIONS**

Overdosing can cause temporary excitement, tremors and salivation.

**ADMINISTRATION**

WSD LOW VOLUME COMBINATION can be administered orally through standard accurate drenching equipment. Clean equipment thoroughly before and after use.

**DOSE RATES**

Safe to use on pregnant and non-pregnant animals of any age when used as directed. Dose the mob to the heaviest animal by liveweight in each group (ewes, wethers, rams and lambs). DO NOT underdose. A representative sample of animals should be weighed before treatment either with scales or weighband. Where there is a large variation in size within the group, dose rate should be based on the label directions for each weight range. Drafting into two or more lines may be appropriate, to avoid excessive overdosing.

<table>
<thead>
<tr>
<th>Bodyweight</th>
<th>Dose Volume (mL)</th>
<th>To L Treats</th>
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</thead>
<tbody>
<tr>
<td>Under 7.5 kg</td>
<td>1 mL</td>
<td>10,000</td>
</tr>
<tr>
<td>7.5-15 kg</td>
<td>1.5 mL</td>
<td>6,666</td>
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<tr>
<td>15-20 kg</td>
<td>2 mL</td>
<td>5,000</td>
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<tr>
<td>20-30 kg</td>
<td>2.5 mL</td>
<td>4,000</td>
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<tr>
<td>30-50 kg</td>
<td>3 mL</td>
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<tr>
<td>50-75 kg</td>
<td>3.5 mL</td>
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<tr>
<td>75-100 kg</td>
<td>4 mL</td>
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<td>100-150 kg</td>
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<tr>
<td>150-200 kg</td>
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<tr>
<td>200-250 kg</td>
<td>5.5 mL</td>
<td>1,818</td>
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<tr>
<td>250-300 kg</td>
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<td>300-400 kg</td>
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<tr>
<td>400-500 kg</td>
<td>7 mL</td>
<td>1,428</td>
</tr>
<tr>
<td>500-750 kg</td>
<td>7.5 mL</td>
<td>1,332</td>
</tr>
</tbody>
</table>

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

Internal parasites may develop resistance to drenches (anthelmintics). Ask your local veterinary practitioner or animal health advisor for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a resistance test be conducted before any parasite treatment is used. If drench failure with this preparation is suspected, seek veterinary confirmation and notify the manufacturer.

**WITHHOLDING PERIOD**

**MEAT:** DO NOT use less than 14 days before slaughter for human consumption.

**MILK:** Milk collected from ewes within seventy two (72) hours following treatment MUST NOT BE USED for human consumption or processing. This milk should not be fed to lambs.

**TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI)**

This product does not have an ESI established. For advice on the ESI, contact the manufacturer on (08) 9321 2888 before using this product.

**SAFETY DIRECTIONS**

May irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and pouring large quantities, wear elbow-length PVC gloves. Wash hands after use.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131126).

**MATERIAL SAFETY DATA SHEET (MSDS)**

Additional information is listed in the Material Safety Data Sheet, which can be obtained from the supplier.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT**

Levamisole is extremely toxic to aquatic species. DO NOT contaminate dams, rivers, streams or other waterways with the chemical or used containers.

**DISPOSAL**

DO NOT dispose of undiluted chemicals on-site. Break, crush, puncture and bury empty containers in a local authority landfill if no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

**STORAGE**

Store below 30°C (room temperature) in the closed, original container in a dry, well-ventilated area, and protect from sunlight.

**CONDITIONS OF SALE**

All WSD Agribusiness products are of a high quality, being subjected to rigid quality control. The manufacturer, however, is unable to control the product’s subsequent handling or use or the circumstances of each handling or use. This product is sold on the express condition that neither the manufacturer nor the distributor is under any liability for any loss or damage that may arise through such handling or use. If these conditions are unacceptable the container should be returned unopened for credit.

Registered, manufactured and distributed in Australia by WSD Agribusiness Pty. Ltd.

**APVMA No:** 56610/10L/0609

**Batch:**

**Expiry:**