

## 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.

# CAUTION

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING  
FOR ANIMAL TREATMENT ONLY



# Low Volume Combination

ORAL ANTHELMINTIC FOR SHEEP AND LAMBS

**Active constituents:**  
50 g/L Fenbendazole  
80 g/L Levamisole hydrochloride  
(equivalent to 67.5 g/L Levamisole)

For the control of Benzimidazole and Levamisole sensitive gastrointestinal roundworms and lungworms. WSD Low Volume Combination is particularly useful in cases of single resistance strains to either benzimidazoles or levamisole drenches.

**10 L**



**WSD Low Volume Combination** contains Fenbendazole a member of the Benzimidazole family of chemicals and Levamisole a member of the Imidazothiazole family of chemicals.

**WSD Low Volume Combination** is effective against sensitive strains of the following internal parasites:

<i>Ostertagia spp</i>	Small brown stomach worm
<i>Trichostrongylus spp</i>	Black scour worm
<i>Cooperia spp</i>	Small intestinal worm
<i>Nematodirus spp</i>	Thin necked intestinal worm
<i>Strongyloides papillosus</i>	Intestinal threadworm
<i>Bunostomum spp</i>	Hookworm
<i>Oesophagostomum columbianum</i>	Nodule worm
<i>Chabertia ovina</i>	Large mouthed bowel worm
<i>Dictyocaulus filaria</i>	Large lungworm

**WSD Low Volume Combination Aids in the control of:**

<i>Haemonchus contortus</i>	Barbers pole worm
<i>Moniezia expansa</i>	Tapeworm
<i>Trichuris ovis</i>	Whipworm

WSD Low Volume Combination 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)

Resistance may develop to any chemical. Ask your local veterinary practitioner or animal health adviser 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.

**DIRECTIONS FOR USE**  
**Shake well before use.**

**CONTRAINDICATIONS**

DO NOT drench dogs or horses 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. Allow 7 days or greater between dosing with WSD Low Volume Combination and Bromsalans.

**ADMINISTRATION**

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

Sheep and lambs 1 mL/10 kg		
Bodyweight	Dose Volume	10 L Treats
Under 10 kg	1.0 mL	10000
11-15 kg	1.5 mL	6666
16-20 kg	2.0 mL	5000
21-25 kg	2.5 mL	4000
26-30 kg	3.0 mL	3332
31-35 kg	3.5 mL	2856
36-40 kg	4.0 mL	2500
41-45 kg	4.5 mL	2222
46-50 kg	5.0 mL	2000
51-55 kg	5.5 mL	1818
56-60 kg	6.0 mL	1666
61-65 kg	6.5 mL	1538
66-70 kg	7.0 mL	1428
71-75 kg	7.5 mL	1332
Over 75kg	1 mL per 10 kg of live bodyweight	

Animals heavier than 75 kg to be dosed at 1 mL per 10 kg. A representative sample of animals should be weighed before treatment. Dose the mob to the heaviest animal by live weight in each group (ewes, wethers, rams, lambs); (bucks, does, kids). Where there is a large variation in size within the group, dose rate should be based on the label directions for each weight range. Do not underdose. Drafting into two or more lines may be appropriate, to avoid excessive overdosing. This product is safe to use on pregnant and non-pregnant animals of any age when used as directed.

Internal parasites may develop resistance to drenches (anthelmintics). Ask your local veterinary practitioner or animal health adviser 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.

**ADVERSE REACTIONS/SIDE EFFECTS:**

Overdosing can cause temporary excitement, tremors and salivation.

**WITHHOLDING PERIOD**

**MEAT: DO NOT USE less than fourteen (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)**

DO NOT USE less than 14 days before slaughter for export. The ESI on this label was correct at the time of label approval. Before using this product, confirm the current ESI from the manufacturer on (08)9321 2888 or the APVMA website ([www.apvma.gov.au/ESI.shtml](http://www.apvma.gov.au/ESI.shtml))

**SAFETY DIRECTIONS**

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

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 13 11 26)

**ADDITIONAL USER SAFETY:**

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

**ENVIRONMENTAL PROTECTION:**

Dangerous to fish. Do not contaminate streams, rivers and waterways with the product or used containers.

**DISPOSAL**

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

If the container has the drumMUSTER logo visible, and has been thoroughly cleaned and dried, and is free of any visible residues, it can be recycled at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be recycled separately with the container.

**STORAGE**

Store below 30° (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



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**Batch:**

**Expiry:**

