

PRODUCT INFORMATION

WSD COMBINATION

Oral Anthelmintic for Sheep and Lambs

Product Description

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

Type of Preparation

WSD COMBINATION is a suspension of 25g/L fenbendazole-a benzimidazole (BZ) - in a solution of 40g/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 5kg 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 COMBINATION** is a broad-spectrum treatment which is highly effective against mature and immature worm parasites on many Australian farms.
- The use of **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 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 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



WSD Combination



ORAL ANTHELMINTIC FOR SHEEP AND LAMBS

Active Constituent:
40 g/L Levamisole (as Hydrochloride)
25 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 the ovicidal activity in sheep and lambs (for this to be of benefit, treated sheep and lambs should not be placed on clean pasture until 12 hours has elapsed after treatment).

20 L



WSD COMBINATION ORAL ANTHELMINTIC FOR SHEEP AND LAMBS contains Fenbendazole, a member of the benzimidazole family of drenches, and Levamisole, a member of the levamisole family of drenches. It is effective against benzimidazole and levamisole sensitive strains of the following internal parasites:

<i>Haemonchus contortus</i>	Barber's pole worm
<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 filarial</i>	Large lungworm

Aids in the control of:	
<i>Moniezia expansa</i>	Tapeworm
<i>Trichuris ovis</i>	Whipworm

DIRECTIONS FOR USE

CONTRAINDICATIONS:

Dogs or Horses should not be drenched with WSD 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.

ADVERSE REACTIONS:

Overdosing can cause temporary excitement, tremors and salivation

ADMINISTRATION:

Shake the container well before using this product. WSD 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 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. Internal parasites may develop resistance to drenches (anthelmintics). Ask your local veterinary adviser for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a drench resistance test be conducted before any drench is used. If drench failure with this preparation is suspected, seek veterinary confirmation and notify the manufacturer.

Sheep and lambs 1 mL/5 kg

Bodyweight	Dose Volume	20 L Treats
Under 15 kg	3 mL	6666
16-25 kg	5 mL	4000
26-35 kg	7 mL	2857
36-40 kg	8 mL	2500
41-45 kg	9 mL	2222
46-50 kg	10 mL	2000
51-55 kg	11 mL	1818
56-60 kg	12 mL	1666
61-65 kg	13 mL	1538
66-70 kg	14 mL	1428
71-75 kg	15 mL	1333

Over 75kg 1 mL per 5 kg of live bodyweight

WITHHOLDING PERIODS:

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) 93212888 or the APVMA website (www.apvma.gov.au/residues/ESI.shtml).

SAFETY DIRECTIONS:

Harmful if absorbed by skin contact or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

FIRST AID:

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

MATERIAL SAFETY DATA SHEET (MSDS):

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

PROTECTION OF FISH, CRUSTACEANS AND THE ENVIRONMENT:

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

DISPOSAL

Triple or (preferably) pressure rinse the container. Dispose of rinsate in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Do not dispose of undiluted chemicals on-site. Return clean container for recycling where this is an option or for disposal at a landfill authorised to accept that waste. If neither of these options are available, bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers should not be burned.

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:



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APVMA Approval No: 40428/20L/0209



Batch:

Expiry:

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