



# SPECIFICATION SHEET

## WSD COMBINATION

### 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.

### Withholding periods

**Meat withholding: 14 days**

**Export slaughter interval: 14 days**

**Milk withholding: Do not use milk from animals for 72 hours after treatment**

**Wool withholding: Nil**

### Shelf Life

24 months from the date of manufacture

### Sizes Available

1 litre Twin-Neck, 5 litre Backpack or Quad, 20 litre Drum



Parasite	Dose Volume	20L Treats	5L Treats	1L Treats
Under 15kg	3ml	6666	1666	333
16-25kg	5ml	4000	1000	200
26-35kg	7ml	2857	714	142
36-45kg	8ml	2500	625	125
41-50kg	9ml	2222	555	111
46-50kg	10ml	2000	500	100
51-55kg	11ml	1818	454	90
56-60kg	12ml	1666	416	83
61-65kg	13ml	1538	394	78
66-70kg	14ml	1428	357	71
71-75kg	15ml	1333	333	66

Over 75kg 1ml per 5kg of the bodyweight

**DIRECTIONS FOR USE:**  
Sheep and lambs 1ml/5kg

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