



SPECIFICATION SHEET

WSD LOW VOLUME LEVAMISOLE

Product Description

WSD LOW VOLUME LEVAMISOLE is a broad spectrum treatment for roundworm parasites of sheep and cattle.

Type of Preparation

WSD LOW VOLUME LEVAMISOLE is a solution for oral use as a drench containing 68g/L **Levamisole**- an imidazothiazole compound. It is commonly known as a 'clear drench'.

Indications

Cattle, Sheep and Lambs:

Mature and immature stages of worm parasites susceptible to levamisole:

Barber's pole worm (*Haemonchus spp*), stomach hair worm (*Trichostrongylus axei*), black scour worms (*Trichostrongylus spp*), small brown stomach worm (*Ostertagia spp*), small intestinal worm (*Cooperia spp*), thin necked intestinal worm (*Nematodirus spp*) hookworm (*Bunostomum trigonocephalum*), intestinal threadworm (*Strongyloides spp*), large bowel and nodule worms (*Oesophagostomum spp*), large mouthed bowel worm (*Chabertia ovina*), and large lung worm (*Dictyocaulus spp*).

Dairy Cattle & Milking sheep: Do NOT use in cattle or sheep producing milk for human consumption

Dosage

Always refer to the label. Separate into different weight classes if there is a large variation in age and weight.

Levamisole may be toxic. It is recommended that sheep or cattle should NOT be fasted before the administration of any drench containing levamisole.

Sheep and Goats: Dose at the rate of 1ml per 10kg body weight.

Cattle: Dose at the rate of 5ml per 50 kg body weight

Advice on use

Cattle:

- **WSD LOW VOLUME LEVAMISOLE** is a reliable broad-spectrum oral drench for cattle of all ages, requiring only a low volume dose for treatment.
- It is often best administered to adult cattle with a drenching hook.

Sheep

- **WSD LOW VOLUME LEVAMISOLE** is a broad-spectrum low-dose treatment which is highly effective against susceptible strains of mature and immature worm parasites of sheep.
- It is highly effective against and can be used to treat infestations by barbers pole worm (*Haemonchus*) and thin-necked intestinal worm (*Nematodirus spp*).
- The use of **WSD LOW VOLUME LEVAMISOLE** or **WSD LEVAMISOLE** may be indicated in strategic programs to reduce contamination of pastures when testing has shown it to be effective against other local worm parasites. It is advisable to test efficacy before relying on levamisole as a strategic treatment.
- Adult worms of resistant strains of gastrointestinal worm parasites of sheep may not be removed by treatment and this may require the later use of an effective strategic treatment from the WSD range of drenches.
- Levamisole has no effect against tapeworms of sheep or cattle.
- Resistance to levamisole is widespread among some species of gastrointestinal parasites on Australian sheep farms.
- The repeated use of any drench is likely to result in the emergence of resistance and therefore, regular testing for efficacy is recommended.

Withholding periods

Meat withholding: 3 days

Export slaughter interval: 7 days

Milk withholding: Not for use in dairy cattle or sheep producing milk for human consumption

Wool withholding: Nil

Shelf Life

36 months from the date of manufacture

Sizes Available

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



Worm Parasite	Targeted Organ
<i>Haemonchus contortus</i>	Barber's pole worm
<i>Trichostrongylus axei</i>	Stomach hair 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>Oesophagostomum venulosum</i>	Large bowel worm
<i>Chabertia ovina</i>	Large mouthed bowel worm
<i>Dictyocaulus filaria</i>	Large lungworm
Cattle	
<i>Haemonchus placei</i>	Barber's pole worm
<i>Trichostrongylus axei</i>	Stomach hair worm
<i>Trichostrongylus spp</i>	Black scour worm
<i>Bunostomum phlebotomum</i>	Hookworm
<i>Oesophagostomum radiatum</i>	Small intestinal worm
<i>Cooperia spp</i>	Small intestinal worm
<i>Nematodirus spp</i>	Thin necked intestinal worm
<i>Dictyocaulus viviparus</i>	Lungworm

ORAL ANTHELMINTIC FOR SHEEP AND CATTLE contains levamisole hydrochloride (880g/L), a member of the levamisole family of drenches. It is effective for the control of levamisole sensitive gastrointestinal roundworms and lungworms including those that are resistant to benzimidazoles. It is effective against sensitive strains of the following internal parasites:

Sheep and Lambs

Cattle

Directions for Use: Shake container well before using product. RESTRAINTS: DO NOT USE in female sheep or cattle which are producing or may in the future produce milk or milk products for human consumption.

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

Sheep 1ml/10kg live bodyweight	Dose 20L	T0L	T0L	SL
Under 10 kg	1.0mL	20000	10000	5000
11-15 kg	1.5mL	33333	6666	3333
16-20 kg	2.0mL	10000	5000	2500
21-25 kg	2.5mL	8000	4000	2000
26-30 kg	3.0mL	6666	3333	1666
31-35 kg	3.5mL	5714	2857	1428
36-40 kg	4.0mL	5000	2500	1250
41-45 kg	4.5mL	4444	2222	1111
46-50 kg	5.0mL	4000	2000	1000
51-55 kg	5.5mL	3636	1818	909
56-60 kg	6.0mL	3333	1666	833
61-65 kg	6.5mL	3076	1538	769
66-70 kg	7.0mL	2857	1428	714
71-75 kg	7.5mL	2666	1333	666

Cattle 5ml/50kg live bodyweight	Dose 20L	T0L	T0L	SL
Under 50 kg	5mL	4000	2000	1000
51-100kg	10mL	2000	1000	500
101-150kg	15mL	1333	666	333
151-200kg	20mL	1000	500	250
201-250kg	25mL	800	400	200
251-300kg	30mL	666	333	166
301-350kg	35mL	571	285	142
351-400kg	40mL	500	250	125
401-450kg	45mL	444	222	111
451-500kg	50mL	400	200	100
501-550kg	55mL	363	181	90
551-600kg	60mL	333	166	83
601-650kg	65mL	307	153	76
651-700kg	70mL	285	142	71

Over 700kg 5ml per 50kg live bodyweight with a maximum of 90mL for animals 900kg and over.