WSD ABAMECTIN

Oral Drench for Sheep and Lambs

Product Description
WSD ABAMECTIN is a broad spectrum treatment for internal parasites of sheep and lambs.

Type of Preparation
WSD ABAMECTIN is a solution for oral use as a drench containing 0.8g/L abamectin- a potent macrocyclic lactone (ML).

Indications
Sheep and Lambs: Abamectin is effective against mature and immature gastrointestinal roundworms and external parasites:
- Barber’s pole worm (*Haemonchus contortus*) including inhibited L4 stage, small brown stomach worm (*Ostertagia circumcinta*) including inhibited L4 stage, stomach hair worm (*Trichostrongylus axei*), black scour worm (*Trichostrongylus spp*), small intestinal worm (*Cooperia spp*), thin necked intestinal worm (*Nematodirus spp*), intestinal threadworm (*Strongyloides sp*), large bowel and nodule worms (*Oesophagostomum spp*), large-mouthed bowel worm (*Chabertia ovina*), whipworm (*Trichuris ovis*) and large lungworm (*Dictyocaulus filaria*).
- Abamectin is also effective against nasal bot (*Oestrus ovis*) and itch mite (*Psorergates ovis*).

Milking Sheep: Do NOT use in 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. Dose at the rate of 1ml per 4kg body weight.

Advice On Use
- Abamectin is a broad-spectrum treatment which is highly effective against mature and immature worm parasites on most Australian farms including against strains of *Ostertagia* resistant to ivermectin.
- The use of WSD ABAMECTIN or WSD ABAMECTIN PLUS SELENIUM is particularly indicated in strategic programs to reduce contamination of pastures when the uptake of worm larvae is low.
- Consider using other WSD drenches, particularly WSD Combination, if the objective is to treat a worm infestation on pastures known to be moderately or heavily contaminated.
- Abamectin is NOT effective against tapeworms.
- The repeated use of any ML 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 Abamectin

ORAL DRENCH FOR SHEEP AND LAMBS
Active Constituent:
0.8 g/L Abamectin

For the treatment and control of Abamectin sensitive strains of internal parasites in sheep (including benzimidazole, levamisole and morantel resistant strains), nasal bot and itch mite of sheep.
READ DIRECTIONS FOR USE BEFORE USING THIS PRODUCT

20 L
WSD ABAMECTIN ORAL DRENCH FOR SHEEP AND LAMBS contains Abamectin (0.8 g/L), a member of the macrocyclic lactone family of drenches. It is effective against abamectin sensitive strains of adult and larval stages of the following internal parasites:

- Haemonchus contortus (Barbers pole worm)
- Ostertagia spp (Small brown stomach worm)
- Trichostrongylus spp (Black scour worm)
- Cooperia spp (Small intestinal worm)
- Nematodirus spp (Thin necked intestinal worm)
- Dictyocaulus filaria (Lung worm)

WARNING
Internal parasites may develop resistance to drenches. 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.

DIRECTIONS FOR USE

RESTRANTS
DO NOT USE in female sheep which are producing or may in the future produce milk or milk products for human consumption. DO NOT treat lambs under six (6) weeks of age.

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

DOSE RATES
Dose sheep orally to the heaviest animal by liveweight in each group (ewes, rams and lambs) and these should be weighed with scales or weighband. Do not underdose. Use 1 mL of Abamectin / 4 kg bodyweight for animals in excess of 64 kg. 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</th>
<th>20 L Treats</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-8 kg</td>
<td>2.0 mL</td>
<td>10000</td>
</tr>
<tr>
<td>9-12 kg</td>
<td>3.0 mL</td>
<td>6666</td>
</tr>
<tr>
<td>13-16 kg</td>
<td>4.0 mL</td>
<td>5000</td>
</tr>
<tr>
<td>17-20 kg</td>
<td>5.0 mL</td>
<td>4000</td>
</tr>
<tr>
<td>21-24 kg</td>
<td>6.0 mL</td>
<td>3333</td>
</tr>
<tr>
<td>25-28 kg</td>
<td>7.0 mL</td>
<td>2857</td>
</tr>
<tr>
<td>29-32 kg</td>
<td>8.0 mL</td>
<td>2500</td>
</tr>
<tr>
<td>33-36 kg</td>
<td>9.0 mL</td>
<td>2222</td>
</tr>
<tr>
<td>37-41 kg</td>
<td>10.0 mL</td>
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<tr>
<td>41-44 kg</td>
<td>11.0 mL</td>
<td>1818</td>
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<tr>
<td>45-48 kg</td>
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<td>1666</td>
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<tr>
<td>49-52 kg</td>
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<tr>
<td>53-56 kg</td>
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<td>1333</td>
</tr>
<tr>
<td>61-64 kg</td>
<td>16.0 mL</td>
<td>1250</td>
</tr>
</tbody>
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WITHHOLDING PERIODS
DO NOT USE less than fourteen (14) days before slaughter for human consumption. DO NOT USE in female sheep which are producing or may in the future produce milk or milk products for human consumption.

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
Poisonous if 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). If skin contact occurs remove contaminated clothing and wash skin thoroughly.

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
Studies indicate that when abamectin comes into contact with the soil, it readily and tightly binds to the soil and becomes inactive over time. Do not contaminate streams, rivers and waterways with the product or used containers.

DISPOSAL
Do not dispose of undiluted chemicals on-site. Drug containers and any residual contents should be disposed of safely in approved landfill as free abamectin may adversely affect fish and certain water-borne organisms. Break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. In some States, wastes can only be buried at a licensed landfill. 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

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