Product name: Pyrimide 3-Way Combination Drench for Sheep

Date of update: 08 October 2013

Version: 3

Pack sizes: 1 L, 2.5 L, 5 L, 10 L, 15 L, 20 L


Text above this line is not included in the actual label.

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

PYRIMIDE®
3-Way Combination Drench for Sheep

ACTIVE CONSTITUENTS: Abamectin 0.8 g/L, levamisole 25.5 g/L (as levamisole hydrochloride), albendazole 20 g/L, with selenium 0.4 g/L (as sodium selenate) and 1.76 g/L cobalt (as cobalt EDTA).

PYRIMIDE 3-Way Combination Drench for Sheep contains abamectin, albendazole and levamisole, members respectively of the avermectin / milbemycin, benzimidazole (white drench), and levamisole / morantel (clear drench) anthelmintic families. It is effective against gastrointestinal parasites sensitive to one or more of these families, and also those that have single or dual resistance to the avermectin / milbemycin (including moxidectin resistant strains), benzimidazole, or levamisole / morantel anthelmintic families. It is effective against lungworm, itchmite and nasal bot (larval stages) of sheep and provides a selenium and cobalt supplement.

1 L [2.5 L, 5 L, 10 L, 15 L, 20 L]

Logos (optional)
INVERT CONTAINER AND SHAKE BEFORE USE

DIRECTIONS FOR USE

Restraints:
MILK: DO NOT USE in sheep which are producing or may in the future produce milk where the milk or milk products may be used for human consumption.

Precautions and Contraindications
This product should not be used when selenium intake from pasture is high or selenium is provided by other means (such as top dressing, vaccine, pellets or selenium drenches) if blood selenium levels at treatment are high. Users can determine selenium status by consulting their veterinarian.
Not to be administered to sheep that are dehydrated or unwell.
Not to be administered to lambs less than 6 weeks of age.
Dogs or horses should not be drenched with this product.

Benefits and risks of feed withhold:
Avoid withholding feed from weak, pregnant and young animals. Exercise care in handling sheep and avoid unnecessary stress. The recommended dose rate should not be exceeded.

CSIRO studies show that the efficacy of both abamectin and albendazole (two of the active ingredients of PYRIMIDE) are enhanced by withholding feed for up to 24 hours before drenching. However, field experience indicates that withholding water and feed will make sheep more susceptible to levamisole toxicity. Drought conditions may increase this risk. Before use of PYRIMIDE, it is recommended that water has been continuously available and feed either not withheld, or withheld for not more than 12 hours.

DOSAGE AND ADMINISTRATION:

Dose orally without dilution using standard, properly calibrated drenching equipment.

PYRIMIDE provides the recommended level of selenium supplementation for sheep (0.1mg/kg liveweight).
Do not under dose. Check the accuracy of drench guns before and during drenching. Ensure each sheep receives and swallows the full dose.

Dose to the heaviest animal in each group. Representative animals should be weighed. Where there is a large variation in weight within a group, draft into two or more lines to avoid excessive overdosing.

Dose according to the following schedule:

<table>
<thead>
<tr>
<th>Weight Range (kg)</th>
<th>Dose Volume per 1L Pack</th>
<th>Doses per 2.5L pack</th>
<th>Doses per 5L pack</th>
<th>Doses per 10L pack</th>
<th>Doses per 15L pack</th>
<th>Doses per 20L pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>3.0</td>
<td>333</td>
<td>833</td>
<td>1666</td>
<td>3333</td>
<td>5000</td>
</tr>
<tr>
<td>13-16</td>
<td>4.0</td>
<td>250</td>
<td>625</td>
<td>1250</td>
<td>2500</td>
<td>3750</td>
</tr>
<tr>
<td>17-20</td>
<td>5.0</td>
<td>200</td>
<td>500</td>
<td>1000</td>
<td>2000</td>
<td>3000</td>
</tr>
<tr>
<td>21-24</td>
<td>6.0</td>
<td>166</td>
<td>416</td>
<td>833</td>
<td>1666</td>
<td>2500</td>
</tr>
<tr>
<td>25-28</td>
<td>7.0</td>
<td>142</td>
<td>357</td>
<td>714</td>
<td>1428</td>
<td>2142</td>
</tr>
<tr>
<td>29-32</td>
<td>8.0</td>
<td>125</td>
<td>312</td>
<td>625</td>
<td>1250</td>
<td>1875</td>
</tr>
<tr>
<td>33-36</td>
<td>9.0</td>
<td>111</td>
<td>277</td>
<td>555</td>
<td>1111</td>
<td>1666</td>
</tr>
<tr>
<td>37-40</td>
<td>10.0</td>
<td>100</td>
<td>250</td>
<td>500</td>
<td>1000</td>
<td>1500</td>
</tr>
<tr>
<td>41-50</td>
<td>12.5</td>
<td>80</td>
<td>200</td>
<td>400</td>
<td>800</td>
<td>1200</td>
</tr>
<tr>
<td>51-60</td>
<td>15.0</td>
<td>66</td>
<td>166</td>
<td>333</td>
<td>666</td>
<td>1000</td>
</tr>
<tr>
<td>61-70</td>
<td>17.5</td>
<td>57</td>
<td>142</td>
<td>285</td>
<td>571</td>
<td>857</td>
</tr>
<tr>
<td>71-80</td>
<td>20.0</td>
<td>50</td>
<td>125</td>
<td>250</td>
<td>500</td>
<td>750</td>
</tr>
</tbody>
</table>

Sheep in excess of 80 kg should be dosed at 1 mL per 4 kg liveweight.

DO NOT re-treat animals for 42 days after last treatment.

**PYRIMIDE** provides effective control of sensitive, single and dual resistant strains of the following adult and immature parasites of sheep:

**Gastrointestinal roundworms:**
- Barber's pole worm: *Haemonchus contortus*
- Small brown stomach worm: *Teladorsagia (Ostertagia) circumcincta*
- Stomach hair worm: *Trichostrongylus axei*
- Black scour worm: *Trichostrongylus colubriformis, Trichostrongylus vitrinus*
- Thin necked intestinal worm: *Nematodirus spathiger, Nematodirus filicollis*
- Small intestinal hair worm: *Coopera curticei, Cooperia oncophora*
- Intestinal threadworm: *Strongyloides papillosus.*
- Large mouthed bowel worm: *Chabertia ovina*
Nodule worm: *Oesophagostomum columbianum*

Whipworm: *Trichuris ovis*

Nasal bot: *Oestrus ovis* (parasitic larval stages only).

Large lungworm: *Dictyocaulus filaria*.

Itch mite: *Psorergates ovis*

* Including inhibited L4 stage

NOTE: Internal parasites may develop resistance to any anthelmintic. Mathematical models show however that combined use of the anthelmintic families in **PYRIMIDE** can significantly slow the development of resistance.

Ask your local veterinary practitioner or animal health advisor for recommended management practices. Check the effectiveness of anthelmintics at least annually and it is advised that a drench resistance test be conducted before any drench is used.

WITHHOLDING PERIODS

MEAT: DO NOT USE less than 14 days before slaughter for human consumption.

MILK: DO NOT USE in sheep which are producing or may in the future produce milk where the milk or milk products may be used for human consumption.

TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI):

DO NOT USE less than 42 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 either the reseller or the APVMA website www.apvma.gov.au/residues

DISPOSAL:

[For 2.5, 5, 10, 15 and 20 L:]

Triple or (preferably) pressure rinse the empty container. 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 is 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. In the event of significant product spillage, use absorbent materials such as soil, sawdust or sand then bury material as above.

[For 1 L:]

Dispose of empty container by wrapping with paper and putting in garbage.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT:

Abamectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.
STORAGE:
Store below 30°C (room temperature).
Store out of direct sunlight, in the original container with the lid tightly closed.

SAFETY DIRECTIONS:
Harmful if inhaled. Poisonous if swallowed. Will irritate eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. If product in eyes, wash it out immediately with water. Wash hands after use. After each day’s use, wash gloves and contaminated clothing.

FIRST AID:
If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

Material Safety Data Sheet
If additional hazard information is required, refer to the Material Safety Data Sheet. For a copy phone 1800 633 768.

APVMA Approval No. 62099/61012

WARRANTY AND EXCLUSION OF LIABILITY: This product is warranted fit for the purposes specifically recommended by Novartis Animal Health Australasia Pty Limited when used strictly as directed on this label. All other warranties and obligations or liabilities, whether expressed or implied by statute or otherwise, are excluded to the full extent that exclusion is permitted by law.

PYRIMIDE is manufactured in New Zealand.

PYRIMIDE® is a registered trademark of Novartis AG, Basel, Switzerland

NOVARTIS CUSTOMER ASSISTANCE: 1800 633 768 TOLL FREE from anywhere in Australia 8.30 am to 5.30 pm E.S.T. Monday to Friday.