

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

PASTORAL / AG™

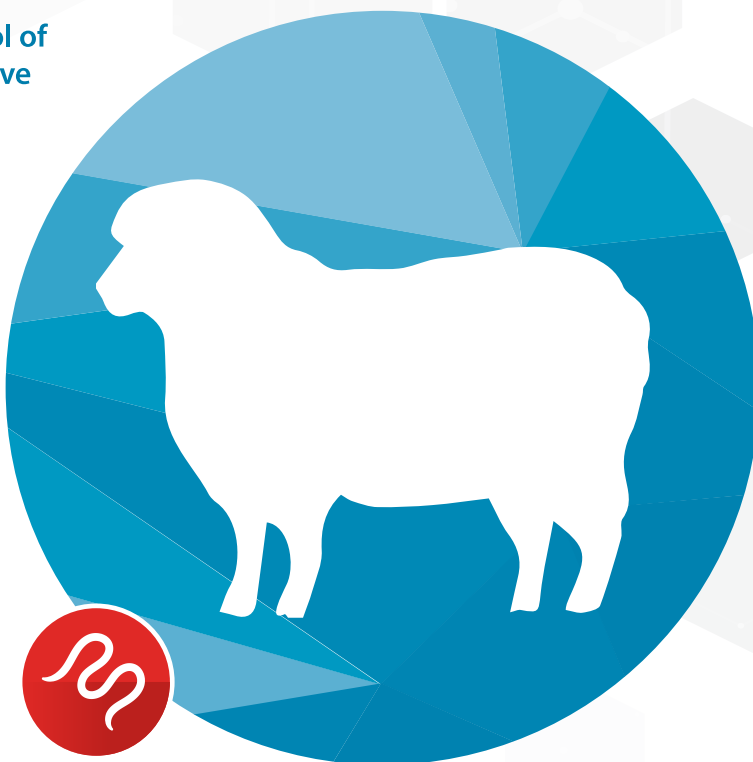
MOXILAB™

ORAL DRENCH WITH SELENIUM FOR SHEEP

**ACTIVE CONSTITUENTS: 1 mg/mL MOXIDECTIN,
0.5 mg/mL SELENIUM (as sodium selenate)**

For the treatment and control of moxidectin-sensitive gastrointestinal parasites (including benzimidazole and/or levamisole resistant strains), lungworm and itchmite of sheep.

As an aid in control of selenium responsive conditions.



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PASTORAL AG Moxilab Oral Drench for Sheep with Selenium is a second generation macrocyclic lactone endectocide which is effective against internal and external parasites sensitive to this family including the following parasites of sheep. It also aids in the control of selenium responsive conditions.

Mature (adult) and immature (L₁): *Haemonchus contortus* Barber's pole worm, *Trichostrongylus* spp. Black scour worm, *Trichostrongylus axei* Stomach hair worm, *Trichostrongylus colubriformis*, *Ostertagia* (Teladorsagia) spp. Small brown stomach worm, *Ostertagia circumcincta*, *Cooperia* spp. *Nematodirus* spp. Thin necked intestinal worm, *Nematodirus filicollis*, *Nematodirus spathiger*, *Strongyloides papillosus* Intestinal threadworm, *Oesophagostomum columbianum* Nodule worm, *Chabertia ovina* Large mouthed bowel worm, *Dictyocaulus filaria* Large lungworm.

Adult nematodes: *Trichostrongylus rugatus*, *Trichostrongylus vitrinus*, *Cooperia curticei*, *Nematodirus abnormis*, *Nematodirus helvetianus*, *Ostertagia trifurcata*, *Oesophagostomum venulosum* Large bowel worm, *Trichuris ovis* Whipworm.

Ectoparasites: *Psorergates ovis* Itchmite.

PERSISTENT ACTIVITY

PASTORAL AG Moxilab Oral Drench when used as recommended prevents:

- Reinfection with *Haemonchus contortus* worms for at least 14 days and pasture contamination by *H. contortus* eggs for at least 30 days after a single treatment;
- Reinfection with *Ostertagia* spp. worms for at least 14 days and pasture contamination by *Ostertagia* eggs for at least 35 days after a single treatment.

PASTORAL AG Moxilab Oral Drench is effective against benzimidazole and levamisole resistant strains of *H. contortus*, *T. colubriformis* and *O. circumcincta*. PASTORAL AG Moxilab Oral Drench has shown efficacy against a number of ivermectin resistant strains of *H. contortus* and *Ostertagia* spp. However, as PASTORAL AG Moxilab Oral Drench shares a similar mechanism of action to the avermectins, it SHOULD NOT be used where avermectin resistance is present, except where specifically recommended by an advisor.

RESISTANCE AND WORM CONTROL PROGRAMS

It is advisable that a drench resistance test be conducted before any drench is used. Resistance may develop to any drench. Ask your local veterinary practitioner or animal health advisor for recommended parasite management practices for your area.

SELENIUM DEFICIENCY

To control white muscle disease in lambs, pregnant ewes should be treated one month before lambing. Lambs should be treated either orally or with a selenium fortified vaccine at marking. On properties where selenium responsive ill-thrift or selenium responsive scouring have been diagnosed, treat lambs at marking and again 2 months later.

DIRECTIONS FOR USE

Restraints:

DO NOT USE in female sheep which are producing, or may in the future produce, milk or milk products for human consumption.

Contraindications:

This product should not be used when selenium intake from pasture is high or selenium is provided by other means (such as pasture top dressing, vaccine, pellets or selenium drenches) or if blood selenium levels at treatment are high. Users can determine selenium status by consulting their veterinarian. This product is not recommended for use in goats as safety and efficacy have not been evaluated.

DO NOT add copper salts or additional selenium to this drench.

The product may start to form crystals below 4°C. Before usage under these circumstances, it is advisable to mix the product by inverting the drum 3 times.

Dosage and Administration:

PASTORAL AG Moxilab Oral Drench is ready to use. Administer 1 mL per 5 kg liveweight to give a dose of 0.2 mg moxidectin/kg and 0.1 mg selenium/kg using any standard drenching equipment.

Check dose rates and equipment before drenching commences.

DOSAGE GUIDE

Body Weight (kg)	Dose Volume	Doses Per Pack
10	2	10000
11-15	3	6666
16-20	4	5000
21-25	5	4000
26-30	6	3333
31-35	7	2857
36-40	8	2500
41-45	9	2222
46-50	10	2000
51-55	11	1818
56-60	12	1666
61-65	13	1538
66-70	14	1428
71-75	15	1333

For animals above 75 kg, dose at 1 mL per 5 kg body weight.

A representative sample of sheep should be weighed before treatment. Dose the mob to the heaviest animal by liveweight in each group (ewes, wethers, rams, lambs). Do not underdose. Where there is 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.

PASTORAL AG Moxilab Oral Drench has a wide margin of safety when used as recommended and is readily accepted by sheep.

PASTORAL AG Moxilab Oral Drench is safe to use concurrently with other treatments including fluke treatments and vaccines.

WITHHOLDING PERIODS

MEAT: DO NOT USE less than 7 days before slaughter for human consumption.

MILK: DO NOT USE in lactating ewes where milk or milk products may be used or processed for human consumption.

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 7 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 distributor on (03) 5820 8444 or the APVMA website (www.apvma.gov.au/residues).

SAFETY DIRECTIONS

Poisonous if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and pouring large quantities, wear elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves.

FIRST AID INSTRUCTIONS

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

ADDITIONAL USER SAFETY

Additional information is listed in the safety data sheet.

ENVIRONMENTAL PROTECTION

Moxidectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.

DISPOSAL

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If the container has the drumMUSTER logo visible,

and has been thoroughly cleaned and dried, and is free of any visible residues, it can be recycled at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be recycled separately with the container. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

STORAGE

Store below 30°C (room temperature) and protect from sunlight. Do not freeze.



UN 2902, PESTICIDE, LIQUID, TOXIC, N.O.S., PG III

Toxic if swallowed.
Harmful to aquatic life with long lasting effects.
 Do not eat, drink or smoke when using this product.
 Wear protective clothing and eye or face protection.
 Wash contaminated clothing before reuse.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor.
 Store in a dry and well-ventilated place.
 Store in a closed container. Keep cool.

B:

EXP:

