

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

PASTORAL / AG™

SPINOLAB™ POUR-ON FOR SHEEP

ACTIVE CONSTITUENT: 20 g/L SPINOSAD

For the control of spinosad-susceptible lice (*Bovicola ovis*), including strains resistant to synthetic pyrethroids (SPs), on sheep up to 7 days off-shears and sheep with long wool.

Resistance may develop to any chemical.



20 L

DIRECTIONS FOR USE

Restraints:

DO NOT USE on ewes that are producing or may in the future produce milk that may be used or processed for human consumption.

Dosage and Administration:

Shake container gently several times before use.

Apply PASTORAL AG Spinolab Pour-On evenly along the backline from the poll to the base of the tail using a manual or powered applicator with a PASTORAL AG Spinolab Pour-On 4-hole T-bar nozzle. Halve the dose volume and apply in 2 bands, approximately 5 cm from the mid-point of the backline on each side. Applying the product to the flanks will improve the spread of PASTORAL AG Spinolab Pour-On.

Sheep Category	Live Weight (kg)	Dose Volume (mL)	No. Treated Per 20 L Pack
Off-shears (within 7 days after shearing)	20 – 30	15	1333
	31 – 40	20	1000
	41 – 50	25	800
	51 – 60	30	666
	61 – 70	35	571
Add 2.5 mL for each 5 kg above 70 kg			
Suckling lambs (unshorn)	Up to 9	5	4000
	10 – 19	7.5	2666
	20 – 29	15	1333
Add 3.5 mL for each 5 kg above 29 kg			
Long wool (6-12 months after shearing)	Adult (>6 months old)	50	400

Critical Use Comments:

Off shears:

Dose rates are to be based on the heaviest sheep in each group (ewes, rams, lambs). Sheep in each group should be weighed. Drafting into two or more lines may be appropriate, to avoid excessive overdosing. Do not underdose; check the accuracy of equipment before and during treatment.

Use only on sheep that have been cleanly shorn.

This product has not been tested on sheep shorn using "cover-combs".

Long wool:

Sheep treated with long wool should be re-treated after shearing. Reduced effectiveness is likely if used on sheep with lumpy wool. For ewes with suckling lambs, treat lambs at the appropriate rate, see table.

DO NOT mix treated sheep with untreated sheep.

General Directions:

PASTORAL AG Spinolab Pour-On is a short-acting, non-residual product. Maximum lice kill at treatment and strict quarantine conditions for treated sheep are necessary for effective lice control. It is recommended that a thorough muster be conducted so that no untreated sheep remain. Boundary fences should be checked to ensure animals are contained and stray sheep are excluded. Treated sheep must be kept separate from lice infested sheep or sheep of unknown lice status. For effective lice control, every sheep on the property should be treated at the same time.

Efficacy and safety studies using a similar product involved treatment of ewes, rams, wethers and lambs. Lice efficacy was not specifically evaluated in lambs less than 6 months of age, however, lice control was achieved in ewes with lambs at foot when both were treated at the recommended rate. It is good agricultural practice not to treat ewes within 6 weeks of the commencement of lambing.

PASTORAL AG Spinolab Pour-On is spread over the body by passive diffusion and physical contact (e.g. rubbing with other sheep). Studies have shown that penning sheep closely in the yards immediately after application facilitates product movement.

It is good agricultural practice not to treat animals when they are wet or if rain is likely. However, moderate rainfall (20 mm in 20 minutes) following treatment does not adversely affect the effectiveness of the product.

PASTORAL AG Spinolab Pour-On contains a blue dye to identify treated sheep. Traces of blue dye may still be visible at shearing, but the dye is scourable from the wool. Do not leave container, hose or applicator in the sun for long periods of time. At the end of use, clean out the applicator, nozzle and hose by pumping through with clean water.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER THE APPROPRIATE LEGISLATION

WITHHOLDING PERIODS

MEAT:

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

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

Long Wool: Zero (0) days

MILK: DO NOT USE on ewes which are producing or may in the future produce milk that may be used or processed for human consumption.

WOOL: Zero (0) days.

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI):

DO NOT use less than 21 days (off shears and suckling lambs), or 0 days (long wool) before slaughter for export. Before using this product, confirm the current ESI from the distributor on (03) 5820 8444 or the APVMA website (www.apvma.gov.au/residues).

Use of this product may result in wool residues that may not comply with European Union environmental quality standards. Wool treated with this product may contain detectable residues; adequate treatment records should be kept and made available, if requested by wool buyers.

SAFETY DIRECTIONS

May irritate the skin. Will damage eyes. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. Wash hands after use. When using the product wear elbow-length PVC gloves and goggles. After each day's use wash gloves.

FIRST AID

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

ADDITIONAL USER SAFETY INFORMATION

Sheep Rehhandling Interval: After treatment wait until sheep are dry before rehhandling.

Additional information is listed in the safety data sheet.

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 recycling, replace cap and return clean container to recycler or designated collection point. 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) in a dry place in tightly closed original container. Do not freeze. Do not store in direct sunlight.

Causes serious eye damage.

Do not get in eyes, on skin, or on clothing.

Wear protective gloves, protective clothing and eye or face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice.

Not combustible. Use extinguishing media suited to burning materials.

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EXP:



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