



Product Name: Spinoshield Lice, Fly and Maggot Eliminator Dip for Sheep
APVMA Approval No: 92398/135383

Label Name:	Spinoshield Lice, Fly and Maggot Eliminator Dip for Sheep
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Signal Headings:	FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	25 g/L Spinosad
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Claims:	For the control of lice in sheep with short wool and long wool. For treatment and prevention of blowfly strike on sheep. For blowfly strike protection in mulesing and other wounds of sheep. Resistance may develop to any chemical.
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Net Contents:	250 mL 1 L 5 L 10 L
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Directions for Use:	
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Restrains:	DO NOT USE on ewes which are producing or may in the future produce milk that may be used or processed for human consumption. DO NOT dip sheep more than 6 weeks after shearing.
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Contraindications:	
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Precautions:	
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Side Effects:	
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Dosage and Administration:	<p>Table 1: FOR CONTROL OF LICE IN SHORT WOOL (2-6 weeks after shearing)</p> <p>Table 2: FOR CONTROL OF LICE IN SHEEP WITH LONG WOOL (6 weeks to 12 months after shearing)</p> <p>Table 3: FOR TREATMENT AND PREVENTION OF BLOWFLY STRIKE</p> <p>This section contains file attachment.</p>
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General Directions:	<p>NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER THE APPROPRIATE LEGISLATION.</p> <p>It is good agricultural practice not to treat animals when they are wet or if rain is likely. However, even moderate to heavy rainfall following treatment does not adversely affect the efficacy of the product.</p> <p>Short wool dipping Maximum lice kill at treatment and strict quarantine conditions for treated sheep are necessary for effective lice control. Regular and careful monitoring of sheep and repair of fences are essential. Under no circumstances should sheep of unknown lice status be allowed to come in contact with sheep in which eradication is occurring. Treated mobs must be kept separate from lice infested sheep or sheep of unknown lice status. Failure to dip correctly or adhere to quarantine requirements may result in a breakdown of lice eradication in the flock.</p> <p>For effective lice control, it is recommended that:</p> <ul style="list-style-type: none"> • Every sheep on the property is treated at one time; • A thorough muster is conducted so that no untreated sheep remain; • The boundary fences are checked to ensure animals are contained, and stray sheep are excluded. <p>Jetting When applied as directed, this product will protect sheep against flystrike for 4-6 weeks. Spinoshield is a short acting, non-residual product and efficacy is determined by the thoroughness of the treatment. Lousy sheep in long wool, treated with less than 9 months wool growth may need to be retreated before shearing.</p> <p>Wound dressing This product will protect mulesing and other wounds from flystrike for a minimum of 8 days following treatment.</p> <p>Mixing SHAKE CONTAINER GENTLY SEVERAL TIMES BEFORE USE</p> <p>This product should be mixed at the rate shown in the Directions for Use tables. The volume of the dip, sump and replenishment tank should be accurately calculated. Mix well, preferably by using a mechanical (e.g. pump) system, before use. For Plunge dips, premix the measured volume of Spinoshield in a bucket with water and add by pouring along the length of the dip. Stir the dip to ensure thorough mixing. Prepare fresh dip wash/ jetting fluid/wound dressing daily. Do not recycle dip fluid. Clean out sump when excessively fouled. At the end of each day, discard unused product according to the disposal instructions on this label. Actions: Spinosad, the active ingredient in SPINOSHIELD, is the first member of the spinosyn class of insecticides and has a unique action on the insect nervous system.</p>
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Withholding Periods:	<p>MEAT: Zero (0) days</p> <p>WOOL: Zero (0) days</p>
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Trade Advice:	<p>EXPORT SLAUGHTER INTERVAL (ESI): Long wool jetting, wound and flystrike dressing applications: Zero (0) days.</p> <p>Short wool dipping application: An ESI has not been established for this product. Note – observing the meat withholding period may not be sufficient to mitigate potential risks to export trade. Trade advice should be sought from Nutrien Ag Solution on 1800 568 3520 before using this product.</p> <p>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.</p>
Safety Directions:	<p>May irritate the eyes. Avoid contact with eyes. Wash hands after use. When preparing the solution and using the prepared solution wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves. After each day's use wash gloves and contaminated clothing.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.</p>
First Aid Warnings:	
Additional User Safety:	<p>Sheep Rehandling Interval: After treatment wait until sheep are dry before rehandling.</p>
Environmental Statements:	<p>ENVIRONMENTAL PROTECTION: Do not contaminate sewers, drains, dams, creeks or any other waterways with concentrate, dipping or jetting fluids, used containers or diluted product.</p>
Disposal:	<p>250 mL and 1L containers - Dispose of container by wrapping with paper and putting in garbage.</p> <p>5L and 10L containers -Triple or (preferably) pressure rinse remaining container contents into the dip or jetting tank. 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 at the drumMUSTER collection site. 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.</p>
Storage:	<p>Store below 30°C (room temperature) in a dry place in tightly closed original container. Do not freeze. Do not store in direct sunlight.</p> <p>KEEP OUT OF REACH OF CHILDREN</p>

Table 1: FOR CONTROL OF LICE IN SHORT WOOL (2-6 weeks after shearing)

Critical comments: Dipping within 2 weeks of shearing is not recommended. Dipping sheep heavily infested with grass seed is not recommended. For effective control of lice, thorough wetting to skin level is essential.				
ANIMAL / PEST	TREATMENT METHOD	INITIAL CHARGE	CONSTANT REPLENISHMENT	INSTRUCTIONS
Sheep/lice	Plunge dip	40 mL/100 L water (10 ppm)	Prepare replenishment tank with 60 mL per 100 L water (15 ppm) and constantly add to keep the dip full.	The minimum swim length of the plunge dip should be 9 metres and each sheep's head should be dunked twice (this does not include the initial immersion when entering the dip). Randomly inspect sheep to ensure thorough wetting. To minimize wastage, estimate volume of wash required for day's dipping and mix up accordingly.
Sheep/lice	Shower dip	80 mL/100 L water (20 ppm)	Prepare replenishment tank with 160 mL per 100 L water (40 ppm) and constantly add to keep sump over 75% full.	Shower dips should only be filled to recommended capacity and run for 12 minutes to ensure thorough wetting (using the top nozzles only for at least 8 minutes). Inspect first 2 loads of sheep to ensure thorough wetting. Do not allow sump level to fall by more than 25%. Pressure requirements, 300-450 kPa (45-60 psi) at 18 L/sec.

Table 2: FOR CONTROL OF LICE IN SHEEP WITH LONG WOOL (6 weeks to 12 months after shearing)

<p>Critical comments: After shearing, sheep should be re-treated with an effective off-shears or short wool product. Reduced effectiveness is likely if used on sheep with lumpy wool.</p>			
ANIMAL / PEST	TREATMENT METHOD	RATE	INSTRUCTIONS
Sheep/lice	Jetting fluid	100 mL/100 L water (25 ppm)	Using jetting equipment, apply 0.5 L of fluid for each month of wool growth (up to 5 litres per sheep) from the poll to the tail base and around the neck and along each side. Ensure saturation to skin level. Pressure requirements 500-700 kPa (75-100 psi).

Table 3: FOR TREATMENT AND PREVENTION OF BLOWFLY STRIKE

<p>Critical comments: When used on sheep with less than 6 weeks wool a reduced period of protection against blowfly strike may result. A shorter protection period can be expected in lambs and coarse wool (meat breed) sheep.</p>			
ANIMAL / PEST	TREATMENT METHOD	RATE	INSTRUCTIONS
Sheep/blowfly	Jetting fluid	100 mL/100 L water (25 ppm)	Using jetting equipment, apply 0.5 L of fluid for each month of wool growth (up to 5 litres per sheep) from the poll to the tail base and around the breech and pizzle as appropriate. Pressure requirements 500-700 kPa (75-100 psi).
Sheep/blowfly	Flystrike dressing	5 mL/5 L water (25 ppm)	Prepare a fresh dilution of flystrike dressing each day. Remove the wool from around the wound using clippers or shears. Apply 1 to 2 litres onto the wound.
Sheep/blowfly	Mulesing and wound dressing	25 mL/ 5L water (125 ppm)	Apply by spraying 40 to 80 mL on to the wound and 25mm into the surrounding wool.