



Product Name: AVENGE + FLY BLOWFLY STRIKE PREVENTION AND LOUSICIDE FOR SHEEP  
SPRAY-ON POUR-ON  
APVMA Approval No: 62598 / 138480

Label Name:	AVENGE + FLY BLOWFLY STRIKE PREVENTION AND LOUSICIDE FOR SHEEP SPRAY-ON POUR-ON
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS
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Constituent Statements:	35 g/L imidacloprid Also contains: 300 g/L N-Methyl-2-Pyrrolidone (solvent)
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Claims:	<p>For the prevention of blowfly strike (<i>Lucilia cuprina</i>) in sheep in long or short wool. For the control of neonicotinoid susceptible body lice (<i>Bovicola ovis</i>). Protects sheep against re-infestation with lice for 4 weeks after treatment when applied within 24 hours of shearing. When applied as directed this product will protect against fly strike for 10 to 14 weeks. Resistance may develop to any chemical.</p> <p>(Expanded claims)</p> <p>For the prevention of blowfly strike in sheep with long wool for up to 14 weeks when applied from 6 weeks to 8 months after shearing.</p> <p>For the control of neonicotinoid susceptible body lice (<i>Bovicola ovis</i>) when applied to shorn sheep up to 7 days off shears and unshorn lambs up to 2 months of age. Protects sheep against re-infestation with lice for 4 weeks after treatment when applied within 24 hours of shearing.</p> <p>For the prevention of sheep blowfly (<i>Lucilia cuprina</i>) body strike for up to 10 weeks when applied to shorn sheep up to 7 days off-shears and unshorn lambs up to 2 months of age.</p>
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Net Contents:	5 L 20 L 22 L 55 L 60 L 100 L 110 L 120 L
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Directions for Use:	
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Restrains:	DO NOT USE on female sheep which are producing or may in the future produce milk that may be used or processed for human consumption.
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Contraindications:	
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Precautions:	
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Side Effects:	
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Dosage and Administration:	<p>FOR THE PREVENTION OF BLOWFLY STRIKE IN SHEEP WITH LONG WOOL (sheep over 13 kg body weight, from 6 weeks to 8 months post shearing)</p> <p>When using the product on sheep with a minimum of 6 weeks wool growth, apply product with the AVENGE + FLY Spray On applicator gun only. Ensure the nozzle of the applicator gun is 15 - 20 cm above the fleece to ensure a uniform distribution of the product. It is not recommended to apply during windy or gusty weather conditions as spray drift may reduce quantity being delivered to the fleece and subsequent efficacy. Reduced effectiveness is likely if used on sheep with lumpy wool.</p> <p>Sheep can be treated at the same time for long wool body and breech strike prevention, as required.</p> <p><b>BODY STRIKE PREVENTION</b> Apply dose in two bands down the backline from the poll to tail butt, one on either side of the sheep. Ensure bands overlap along the midline (refer to Table 1).</p> <p><b>BREECH STRIKE PREVENTION</b> Apply dose as a single band to the breech area (refer to Table 1).</p> <p><b>BLOWFLY AND LICE PREVENTION OFF-SHEARS</b> When using the product up to 7 days off-shears, apply product only with the AVENGE + FLY 6-stripe applicator gun.</p> <p>Apply the entire dose to sheep under 30 kg as a single broadband stripe from poll to tail butt. For sheep over 30 kg, apply half the dose as a broadband stripe either side of the midline from the mid-neck to the butt of the tail. The stripes should be no more than 10 cm apart (refer to Table 2).</p> <p>A representative sample of animals should be weighed before treatment. Dose the mob to the heaviest animal by live weight in each group (ewes, wethers, rams, lambs). Do not underdose. Where there is a large variation in size within the group (e.g. lambs), 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.</p> <p>In cases of high fly pressure, sheep may be retreated in long wool if they have been treated off-shears. The off-shears treatment will protect sheep from flystrike for up to 10 weeks. A second treatment for long wool can be applied after this time, up to 8 months after shearing.</p> <p>DO NOT collect and re-use fluid that runs off.</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 APPROPRIATE LEGISLATION.</p> <p><b>Lice control</b> To prevent reinfestation, treated sheep must not be mixed with lice free sheep until 6 weeks after treatment. Live lice on ewes treated within 6 weeks of lambing can infect lambs from these ewes. Efficacy is not affected by moderate rainfall either before or after treatment (50 mm rain 1 hour prior to treatment and/or 12.5 mm 2 hours after treatment and/or 25 mm 24 hours after treatment). Treated sheep must not be mixed with lousy sheep. Do not use on sheep which have not been cleanly shorn for any reason e.g., mycotic dermatitis.</p> <p>Management practices which promote good lice control such as complete musters, accurate treatment of every animal according to label, ensuring all animals can be treated at the same time, no split shearings, stock-proof fencing to prevent external introductions, quarantine and lice treatment of all newly purchased stock are essential for effective lice control.</p> <p><b>Blowfly control</b> The sheep blowfly (<i>Lucilia cuprina</i>) is responsible for most cases of flystrike. Moisture and faeces trapped in the skin folds of sheep attracts blowflies to lay their eggs. Once the eggs hatch, maggots burrow into the skin and feed, leading to severe wounds and if left untreated, this can result in death. Environmental conditions that increase the risk of flystrike are temperatures between 15 - 38 °C, enough rain to keep sheep moist for 3 days and wind speeds below 9 km/h (allowing flies the best opportunity to disperse).</p> <p><b>Other directions</b> Treated sheep could potentially develop backline dermatitis following prolonged exposure to extreme heat and sunlight without access to shade. Do not leave container, hose or applicator in the sun for long periods of time. AVENGE + FLY may be used in conjunction with worm control drenches and at the same time as vaccination. AVENGE + FLY contains a blue dye to identify treated sheep. This dye is scourable from the wool. The product can be detrimental to certain plastics, paints and surface finishes. Avoid contact with such surfaces. AVENGE + FLY is safe for use on breeding rams.</p>
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Withholding Periods:	<p>MEAT: DO NOT USE less than 21 days before slaughter for human consumption. WOOL HARVESTING INTERVAL: WOOL: DO NOT USE less than 2 months before shearing.</p>
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Trade Advice:	<p>EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 63 days before slaughter for export. Before using this product, confirm the current ESI from Troy Laboratories on (+61) 2 8808 3600 or the APVMA website (<a href="http://apvma.gov.au/residues">apvma.gov.au/residues</a>).</p>
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Safety Directions:	<p>Will irritate the eyes. Avoid contact with eyes. When using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and washable hat and goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash hat, wash goggles and contaminated clothing.</p> <p>Rehandling Interval: Do not come into contact with treated sheep until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing).</p>
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water.</p>
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First Aid Warnings:	
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Additional User Safety:	Additional information is listed in the safety data sheet (SDS).
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Environmental Statements:	Imidacloprid is highly toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.
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Disposal:	<p>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 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> <p>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.</p>
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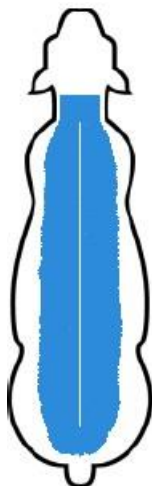
Storage:	Store below 30°C (room temperature). Store in original container, tightly closed in a safe place.
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**Dosage tables for Lice and Fly control – AVENGE + FLY BLOWFLY STRIKE PREVENTION AND LOUSICIDE FOR SHEEP SPRAY-ON POUR-ON – PN 62598**

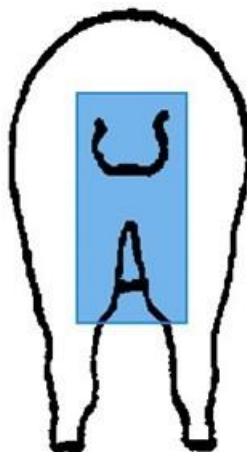
**Table 1: Dose rates for blowfly prevention long wool**

Sheep weight (kg)	Body strike prevention (Figure 1)			Breech strike prevention (Figure 2)	
	No .of bands	Vol. per band (mL)	Total vol. (mL)	No.of bands	Vol. per band (mL)
13.0 - 15	2	9	18	1	9
15.1 - 20	2	11	22	1	11
20.1 - 25	2	13	26	1	13
25.1 - 30	2	15	30	1	15
30.1 - 40	2	18	36	1	18
40.1 - 50	2	21	42	1	21
50.1 - 60	2	24	48	1	24
60.1 - 70	2	26	52	1	26
70.1 - 80	2	28	56	1	28
80.1 - 100	2	32	64	1	32
Add 4 mL for each 10 kg above 100 kg					

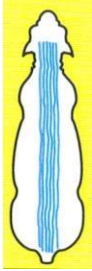
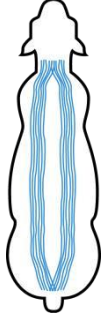
**Figure 1**



**Figure 2**



**Table 2. Dose rates for lice and blowfly control off-shears**

Body weight (kg)	Dose (mL)	Method	Apply in the pattern below
Below 6 kg	8	Single stripe	
6.0 – 8.0	12		
8.1 – 10.0	15		
10.1 – 12.5	20		
12.6 – 15	25		
15.1 – 20	30		
20.1 – 30	40		
30.1 – 55	60	Double stripe	
55.1 – 80	80		
80.1 – 100	90		
Add 10 mL for each 10 kg above 100 kg			