

# CAUTION

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS  
FOR ANIMAL TREATMENT ONLY



# AVENGE<sup>®</sup>



Blowfly Strike Prevention & Lousicide for Sheep

Spray-On / Pour-On

ACTIVE CONSTITUENT: 35g/L  
IMIDACLOPRID. Also contains: 300g/L  
N-Methyl-2-Pyrrolidone (solvent)

For the prevention of blowfly strike in sheep  
in long or short wool. For the control of  
neonicotinoid susceptible body lice (*Bovicola  
ovis*). Protects sheep against re-infestation  
with lice for 4 weeks after treatment when  
applied within 24 hours of shearing.



20L

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# AVENGE®



PEEL HERE

## READ THE ENCLOSED LEAFLET BEFORE OPENING OR USING

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.

For the control of neonicotinoid susceptible body lice (*Bovicola ovis*) 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.

For the prevention of sheep blowfly (*Lucilia cuprina*) 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.

## DOSAGE AND ADMINISTRATION

Please see insert for dosage and application.

## WITHHOLDING PERIODS

**MEAT: DO NOT USE less than 21 days before slaughter for human consumption**

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

**WOOL: DO NOT USE less than 2 months before shearing or fibre collection.**

## TRADE ADVICE

**EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 63 days before slaughter for export.** Before using this product, confirm the current ESI from the Bayer website [www.growsolutions.com.au](http://www.growsolutions.com.au) or by calling Bayer Australia Ltd on 1800 678 368 or the APVMA website ([www.apvma.gov.au/residues](http://www.apvma.gov.au/residues)).

## SAFETY DIRECTIONS

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. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water. After each days use, wash goggles and contaminated clothing.

**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).**

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. Additional information is listed in the Safety Data Sheet.

## ENVIRONMENTAL STATEMENT

Imidacloprid is highly toxic to aquatic species. DO NOT contaminate dams, ponds, rivers, waterways or drains with pesticide or used containers.

## DISPOSAL

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. 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 500mm 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). Store in original container, tightly closed in a safe place.

AVENGE® +FLY is a registered trade mark of the Bayer Group.

APVMA Approval No. 62598/118235

AVENGE® +FLY has patented flystrike prevention in both long wool and off-shears



May cause respiratory irritation.  
May damage the unborn child.  
Avoid breathing vapours.  
Use only outdoors or in a well-ventilated area. Store locked up.

Environmentally Hazardous Substance,  
Liquid, N.O.S. (Imidacloprid)

UN No. 3082

In a Transport Emergency Dial **000**,  
Police or Fire Brigade

Bayer Australia Ltd Emergency contact  
**1800 033 111** Australia wide, 24 hours

86434253 01/19

**AVENGE® +FLY BLOWFLY STRIKE PREVENTION AND LOUSICIDE FOR SHEEP**

**ACTIVE CONSTITUENT: 35g/L IMIDACLOPRID.**  
**Also contains: 300g/L N-Methyl-2-Pyrrolidone (solvent)**

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.

For the control of neonicotinoid susceptible body lice (*Bovicola ovis*) 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.

For the prevention of sheep blowfly (*Lucilia cuprina*) 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.

**DIRECTIONS FOR USE**

**DOSAGE AND ADMINISTRATION**

**FOR THE PREVENTION OF BLOWFLY STRIKE IN SHEEP WITH LONG WOOL** (sheep over 13kg bodyweight, from 6 weeks to 8 months post shearing). When using the product on sheep with a minimum of 6 weeks wool growth, apply product with the Bayer Spray-On applicator gun only. Ensure the nozzle of the applicator gun is 15 – 20cm 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. Sheep can be treated at the same time for long wool body and breech strike prevention, as required.



**BODY STRIKE PREVENTION**

Apply dose in 2 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).

**BREECH STRIKE PREVENTION**

Apply dose as a single band to the breech area (refer to Table 1).

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



Sheep weight (kg)	Body strike prevention 			Breech strike prevention 	
	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 4mL for each 10kg above 100kg					

**BLOWFLY AND LICE PREVENTION OFF-SHEARS**

When using the product up to 7 days off-shears, apply product only with the Bayer 6-stripe applicator gun.

Apply the entire dose to sheep under 30kg as a single broadband stripe from poll to tail butt. For sheep over 30kg, 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 10cm apart (refer to Table 2).

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

Bodyweight (kg)	Dose (mL)	Method	Apply in the pattern below
Below 6kg	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	Double stripe	
20.1 – 30	40		
30.1 – 55	60		
55.1 – 80	80		
80.1 – 100	90		
Add 10mL for each 10kg above 100kg.			

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.

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.

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

**GENERAL INSTRUCTIONS**

**LICE CONTROL**

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 (50mm rain 1 hour prior to treatment and/or 12.5mm 2 hours after treatment and/or 25mm 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.

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.

#### BLOWFLY CONTROL

The sheep blowfly (*Lucilia cuprina*) 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 degrees, enough rain to keep sheep moist for three days and wind speeds below 9km/h (allowing flies the best opportunity to disperse).

#### OTHER DIRECTIONS

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.

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#### LIMITATION OF LIABILITY

Failure to use the product strictly as directed may be illegal, prove dangerous or render the product ineffective. Notwithstanding anything else contained on this label, and subject to any rights you have under the Australian Consumer Law and any other applicable law, Bayer Australia Limited's liability is limited to replacing this product or supplying equivalent product or paying the cost of replacing this product, at its discretion.

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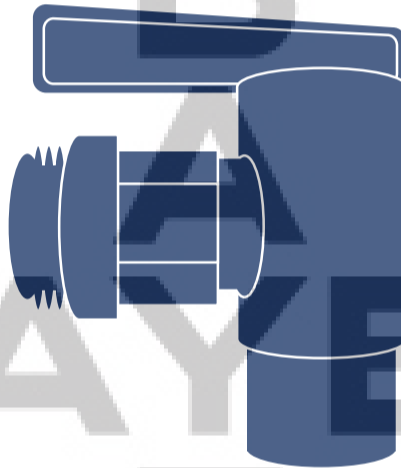
APVMA Approval No. 62598/118235

Manufactured in New Zealand.

**May cause respiratory irritation. May damage the unborn child.** Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Store locked up.

#### DRUM TAP ENCLOSED

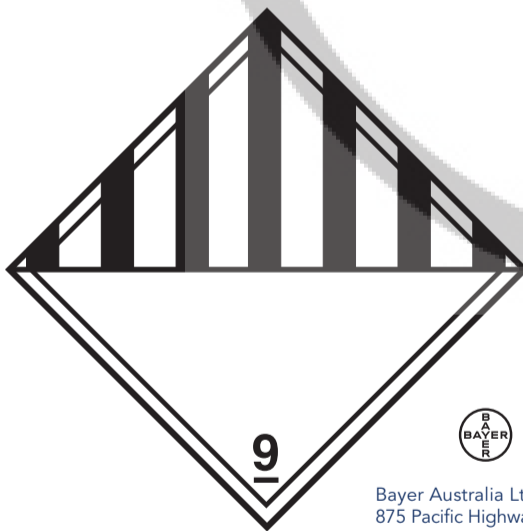
Fit to internal thread after removing small drum cap



Cut along dotted line



CHL 810 MULTIPLEEL®



 Bayer

Bayer Australia Ltd, ACN 000 138 714  
875 Pacific Highway, Pymble NSW 2073

#### CUSTOMER INFORMATION LINE

 **1800 678 368**

from anywhere in Australia, Monday to Friday  
[www.growsolutions.com.au](http://www.growsolutions.com.au)



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