

SF00-SF06-0002

EUREKA GOLD®

Spray-On Off-Shears Sheep Lice Treatment



Active Content & Action

Diazinon 93.3 g/L. Diazinon is a nonsystemic organophosphate (OP) insecticide which functions as an acetylcholinesterase (AChE) inhibitor with no known resistance identified in Australian sheep lice.

Indications

EUREKA GOLD® is an off-shears spray-on backline lice treatment is indicated for the control of organophosphate (OP) susceptible and synthetic pyrethroid (SP) resistant strains of the sheep body louse (*Bovicola ovis*)

Dosage and Administration

Mixing

EUREKA GOLD® is supplied as a concentrate which must be diluted with clean water prior to use. Mix 1 part of EUREKA GOLD® to 6 parts of water. The diluted product must be used within 3 days of mixing. A scourable yellow dye is incorporated into the product to identify treated sheep.

EUREKA GOLD® Sheep Lice Treatment (L)	Clean Water (L)	Ready To Use Diluted Product (L)	Number of 50kg Sheep Treated
1	6	7	46
5	30	35	233
10	60	70	466
20	120	140	933

Dose Rate

Once diluted, EUREKA GOLD® is applied at the rate of 3 mL/kg bodyweight. Determine the correct dose by weighing the heavier animals in the mob and dose according to the heaviest bodyweight within each animal class.

Animal Pest	Bodyweight (kg)	Dose Rate (mL)
Sheep Body Louse (<i>Bovicola ovis</i>)	6 - 10	30
	11 - 20	60
	21 - 30	90
	31 - 40	120
	41 - 50	150
	51 - 60	180
	61 - 70	210
71 - 75	225	



Sheep in excess of 75 kg bodyweight to be dosed at 3 mL per kg

Performance in case of rain

In field trials with EUREKA GOLD®, moderate rainfall (up to 37 mm within 24 hours of treatment) on the day of treatment did not reduce the efficacy of EUREKA GOLD®. Zagro is confident that the efficacy of EUREKA GOLD® will not be compromised by moderate rainfall after treatment.

Note: EUREKA GOLD® should not be applied to wet sheep.

Precautions if rams are sedated before shearing

For OHS reasons, it is common practise to sedate larger rams prior to shearing with Acepromazine products. Acepromazine is known to potentiate the toxicity of Organophosphates such as diazinon and could cause implications if EUREKA GOLD® (containing diazinon) is used on the same day of sedation.

Acepromazine sedated rams should be allowed to fully recover from sedation prior to application of EUREKA GOLD®. Ideally, rams should be rested overnight and brought back into the yard the day after shearing (within 24 hours) for treatment with EUREKA GOLD®.

Note: Zagro Australia has never received an adverse event report when EUREKA GOLD® has been applied immediately after shearing rams that were sedated with Acepromazine.

Pack Size(s) Available

20L

Australian Poisons Schedule

S6

APVMA Approval No.:

51290/0614



Application

EUREKA GOLD® can only be applied using the Genesis 150 mL EUREKA GOLD Power Doser™ and must be applied within 24 hours of shearing.

This applicator delivers the high volume dose required, quickly and accurately, whilst ensuring optimum body coverage. EUREKA GOLD® is applied in a band from the poll, along the backline, to the butt of the tail.

Note: The applicator will deliver up to 150 mL, so for sheep greater than 50kg who require more than 150 mL, split the dose: applying the first dose from tail to the middle of the back, and the second dose from the middle of the back to the head.

Up to 6 weeks are required for EUREKA GOLD® to kill lice on treated EUREKA GOLD® should only be applied to cleanly shorn sheep and is suitable for use on lambing ewes or ewes with lambs at foot, unless the lambs are also shorn and treated. EUREKA GOLD® should not be used to treat ewes less than 6 weeks before lambing commences, as live lice can persist and infect the lambs. Following treatment, do not mix treated sheep with untreated sheep. Severely stressed sheep or those in poor health should not be treated.

To ensure successful lice control following the use of EUREKA GOLD®, it is important to observe the following:

- EUREKA GOLD® must only be used within 24 hrs after shearing.
- EUREKA GOLD® is not to be used to treat ewes less than 6 weeks before lambing commences, as live lice can persist and infect the lambs.
- EUREKA GOLD® treated sheep must not be mixed with untreated sheep.
- EUREKA GOLD® is not to be used on sheep which have not been cleanly shorn.
- EUREKA GOLD® is not to be used on animals that are severely stressed or are in poor health.
- Please refer to product label before using product.

Withholding Periods

MEAT : 21 days

MILK : Do not use on ewes producing milk or may in the future produce milk for human consumption;

WOOL : 2 months

Trade Advice

EXPORT SLAUGHTER INTERVAL (ESI) - DO NOT USE less than 21 days before slaughter for export. The ESI on this Tech Sheet was correct at the time of label approval. Before using this product, confirm the current ESI from the manufacturer on 1800 144 884 or the APVMA website (www.apvma.gov.au/residues).

Accessories

PPE kits are available from Zagro. Please contact your local Zagro Territory Manager to discuss further.