

112 mm

ROLL DIRECTION FIG 5.

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	N Pacific Labe	P/O No 24689F	ART VERSION 01	DATE 12.3.2020	O Pre Press: D. I	Harper		
	A.B.N 93 000 881 425	BLACK	MAGENTA	PMS 021				
	2 Lucca Road, Wyong NSW 2259 <b>Ph: (02) 4359 7000 Fax: (02) 4351 1320</b> Email: sales@pacificlabels.com.au	0)(1)	YELLOW					
1		n.au Die-line only (not prir	nted)	PLEASE NOTE: Colo	purs may vary up to 10% from printed pi	roof.		

## ZINJET BLOWFLY AND LICE JETTING FLUID FOR SHEEP

For the treatment of, and protection against, blowfly strike on sheep for up to 12 weeks under low to moderate fly pressure and treatment of biting lice by jetting in long woolled sheep.

### DIRECTIONS FOR LISE

DILUTE BEFORE USE

### READ DIRECTIONS FOR USE BEFORE USING THIS PRODUCT

DO NOT USE in lactating sheep or within 28 days of lambing where milk or milk products may be used for human consumption.

DO NOT USE in plunge or shower dips.

DO NOT collect and re-use fluid which runs off.

DO NOT USE jetting races that recycle fluid.

### **Precautions**

It is recommended that clean water (dam/tank) be used for dilution. Use of treated municipal supply town water is not recommended if the diluted product is going to be stored. Dosage and administration

(Blowfly strike) When used on sheep with less than 6 weeks wool a reduced period of protection may result.

(Sheep lice) After shearing, sheep should be re-treated with an effective off-shears or short-wool product.

### **IETTING**

ZINIET requires dilution with water prior to use as a jetting fluid. See the use table for instructions.

## WITHHOLDING PERIODS

MEAT: DO NOT USE less than 7 days before slaughter for human consumption. MILK: DO NOT USE in lactating sheep or within 28 days of lambing where milk or milk products may be used for human consumption.

WOOL HARVESTING INTERVAL: DO NOT USE less than 6 weeks before shearing or fibre collection.

WOOL RE-HANDLING PERIOD: NIL

### TRADE ADVICE

**EXPORT SLAUGHTER INTERVAL (ESI):** DO NOT SLAUGHTER for export for

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.

## GENERAL DIRECTIONS

This product is a concentrate for use in sheep of all ages. Product is NOT to be used undiluted. The 16.0 g/L ivermectin concentrate is diluted 1:500 and applied by jetting for the treatment of, and protection against, sheep blowfly strike and by hand jetting for long-wool lice treatment.

### **INDICATIONS**

JETTING FOR BLOWFLY STRIKE: When applied as directed by hand-jetting or by modified Harrington etting race ZINIET protects sheep against strike by blowflies (Lucilia cuprina, L. sericata, Chrysomya rufifacies and Calliphora nociva) (including OP resistant strains of Lucilia cuprina) for 12 weeks under low to moderate y pressure and will control maggots in existing strikes in the treated areas.

HAND DRESSING OF STRUCK SHEEP: ZINJET can be applied at the blowfly dilution rate for treatment of blowfly strike wounds. Sheep should be sheared/clipped around the strike wound before saturating the area.

HAND IETTING FOR LICE: When applied as directed by hand-jetting ZINJET also treats biting lice (Bovicola ovis), including synthetic pyrethroid resistant strains in long woolled sheep until the next shearing.

### MIXING INSTRUCTIONS

Ensure equipment is thoroughly cleaned prior to use. ZINIET should be mixed with water in a container of known volume. Testing has confirmed that ZINJET mixes with waters of various hardness. Use either a jetting handpiece with multiple nozzles that can be combed through the fleece or a "Dutjet" jetting wand. The jetting handpiece should deliver a penetrating jet of fluid without producing a spray or mist. A modified Harrington jetting race can also be used. It should be noted the effectiveness of various races differ and testing has not been performed on all types of races available.

	ANIMAL/PEST	TREATMENT	RATE	CRITICAL COMMENTS	
	Sheep/Blowfiles (Lucilia cuprina, L. sericata, Chrysomya ruffacies and Calliphora nociva)	Jetting: Prevention of blowfly strike	200mL/100L	Use at least 2.5L diluted jetting fluid per head. Jet immediately prior to expected blow fly waves. Wool must be thoroughly saturated to skin level along the backline and breech. The pizzle area of wethers and the poll, (particularly in homed sheep) must also be treated.	
		Jetting: Treating existing flystrike	Dilute 200mL of concentrate in 100L of	Use at least 2.5L diluted jetting fluid per head. ZINJET will control maggots in existing strikes in treated areas.	
		Hand Dressing: Treating existing strikes	water.	Saturate struck area thoroughly. Wool must be saturated to skin level.	
	Sheep/Lice	Hand jetting:	200mL/100L	Use 0.5L of diluted jetting fluid per month of wool growth.	
	(Bovicola ovis)	Treatment of lice in long wool.	Dilute 200mL of concentrate in 100L of water.	To control biting lice in long woolled sheep, the fleece and skin must be thoroughly wet to skin level from poll to tail in a badband about 25cm wide. Wool and skin on the sides of the neck in front of the shoulders should also be wet to skin level.	
				Reduced effectiveness is likely if used on sheep with lumpy wool. Jetting races are not suitable for the treatment of lice infestations.	

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



### GENERAL INSTRUCTIONS

## USE DILUTED JETTING FLUID WITHIN 28 DAYS OF DILUTION

Use a jetting pump preferably fitted with a pressure gauge and capable of maintaining at least 550kPa (80psi) during jetting. Run the pump to ensure thorough mixing of the jetting wash before use. Pressures of about 630kPa (90psi) should be used for sheep with long wool. For lambs, the pressure should be reduced to 280-350kPa (40-50ps). NOTE Check the sheep to ensure wetting to skin level after jetting. Efficacy may be reduced if sheep are not treated as directed. When used as directed by jetting, ZINJET has a wide safety margin in sheep and may be used in breeding animals. When

applied as directed ZINJET will not damage fleece or skin.

Season, weather conditions, sheep type, wool length and condition, soiling with faeces and urine and any concurrent skin or fleece diseases such as fleece rot, mycotic dermatitis and other infections or wounds will influence the susceptibility of sheep to flystrike. Thorough wetting of those sites most attractive to flies is the most effective way to prevent blowfly strike. Hand jetting is recommended to ensure adequate wetting. Jetting races have varying ability to saturate the fleece so the duration of protection may be shorter than with hand jetting, Jetting races or other jetting equipment which recycles the jetting fluid should not be used to apply ZINIET.

When applied as directed by hand jetting exposure to moderate rainfall does not have any adverse effect on the efficacy of

If the sheep need to be handled for other management procedures, it is recommended that use of ZINJET is the final activity

**NOTE:** Storage at low temperatures (<4°C) may result in formation of small crystals in ZINIET which will redissolve on dilution and will not affect the efficacy or safety of the product.

SAFETY DIRECTIONS: Poisonous if swallowed. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. When preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length gloves. Wash hands after use. FIRST AID: If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.

# ADDITIONAL USER SAFETY INFORMATION

**Sheep Rehandling Interval:** After treatment wait until sheep are dry before rehandling. For further information, refer to the Material Safety Data Sheet.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

vermectin is extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.

## CONDITIONS OF SALE

The use of this product is beyond the control of Nutrien Ag Solutions. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer Nutrien Ag Solutions accepts no responsibility for any consequences resulting from the use of this product. Nutrien Ag Solutions will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be ccepted for any consequences whatsoever resulting from the use of this product.

### NUTRIEN AG SOLUTIONS

**PLEASE NOTE:** Colours may vary up to 10% from printed proof.

uite 3, Level I, Building B, II Talavera Rd, Macquarie Park, NSW 2113.Tel: (02) 9889 5400

### Product Support Tel: 1800 44 88 92

**DISPOSAL:** Triple or (preferably) pressure rinse containers. Dispose of rinsate in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Do not dispose of undiluted chemicals on site. Break, crush or puncture and bury empty containers at a local authority landfill. If no landfill is available, bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterwa vegetation and roots. Empty containers and product should not be burned.

**STORAGE:** Store below 30°C (Room Temperature) in the closed, original container. Store bottle in carton to protect from light

APVMA APPROVAL NO: 61696/0614

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Do not eat, drink or smoke when using this product; If swallowed rinse mouth and mmediately call a doctor. Store locked up.

280 mm

**ROLL DIRECTION FIG 5.** 

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