

CAUTION

READ SAFETY DIRECTIONS BEFORE OPENING OR USING
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL TREATMENT ONLY

MECTO GUARD

Fly & Lice Jetting Fluid

ACTIVE CONSTITUENT: 16 g/L IVERMECTIN

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.



FOUR SEASONS
AGRIBUSINESS



INDICATIONS

This product is a concentrate for use in sheep of all ages. The 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.

JETTING FOR BLOWFLY STRIKE

When applied as directed by hand-jetting or by modified Harrington jetting race this product 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 fly pressure and will control maggots in existing strikes in the treated areas.

HAND DRESSING OF STRUCK SHEEP

This product 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 JETTING FOR LICE

When applied as directed by hand-jetting this product also treats biting lice (*Bovicola ovis*), including synthetic pyrethroid resistant strains in long woolled sheep until the next shearing.

Resistance may develop to any chemical.

DIRECTIONS FOR USE

Restraints

- 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.

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.

DOSAGE AND ADMINISTRATION

DILUTE BEFORE USE.

USE DILUTED JETTING FLUID WITHIN 28 DAYS OF DILUTION.

JETTING

Mectoguard FLY & LICE requires dilution with water prior to use as a jetting fluid. See the use table for instructions.

MIXING INSTRUCTIONS

Ensure equipment is thoroughly cleaned prior to use. MECTO GUARD FLY & LICE should be mixed with water in a container of known volume. Testing has confirmed that MECTO GUARD FLY & LICE 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.

USE TABLE:

ANIMAL/ PEST	TREATMENT	RATE	CRITICAL COMMENTS
Sheep/ Blowflies (<i>Lucilia cuprina</i> , <i>L. sericata</i> , <i>Chrysomya rufifacies</i> and <i>Calliphora nociva</i>)	Jetting: Prevention of blowfly strike	200 mL/100 L Dilute 200 mL of concentrate in 100 L of water	Use at least 2.5L diluted jetting fluid per head. Jet immediately prior to expected blowfly waves. Wool must be thoroughly saturated to skin level along the backline and breech. The pizzle area of wethers and the poll, (particularly in horned sheep) must also be treated.
	Jetting: Treating existing flystrike		Use at least 2.5L diluted jetting fluid per head. MECTO GUARD FLY & LICE will control maggots in existing strikes in treated areas.
	Hand Dressing: Treating existing strikes		Saturate struck area thoroughly. Wool must be saturated to skin level.
Sheep/Lice (<i>Bovicola ovis</i>)	Hand jetting: Treatment of lice in long wool.	200 mL/100 L Dilute 200 mL of concentrate in 100 L of water	Use 0.5L of diluted jetting fluid per month of wool growth. 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 backband 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.

GENERAL DIRECTIONS

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 (40-50psi).

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, MECTO GUARD FLY & LICE has a wide safety margin in sheep and may be used in breeding animals. When applied as directed MECTO GUARD FLY & LICE 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 MECTO GUARD FLY & LICE.

When applied as directed by hand jetting, exposure to moderate rainfall does not have any adverse effect on the efficacy of MECTO GUARD FLY & LICE.

If the sheep need to be handled for other management procedures, it is recommended that use of MECTO GUARD FLY & LICE is the final activity carried out.

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

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

WITHHOLDING PERIODS

MEAT: DO NOT USE less than 7 days before slaughter for human consumption.

MILK: DO NOT USE in lactating ewes or within 28 days of lambing where milk may be used or processed for human consumption.

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

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 7 days before slaughter for export. Before using this product, confirm the ESI from Four Seasons Agribusiness Pty Ltd on 1300 449 255 or the APVMA website (www.apvma.gov.au/residues/).

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.

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 Australia 131 126.

ADDITIONAL USER SAFETY INFORMATION

Sheep Re-handling Interval: After treatment wait until sheep are dry before rehandling.

Additional information is listed in the Safety Data Sheet.

ENVIRONMENTAL PROTECTION

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

DISPOSAL

Triple-rinse container into the medicated water. 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.

STORAGE

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

CONDITIONS OF SALE

The sale, supply, storage, use and application of this product is beyond the control of the manufacturer, and, subject to this provision, all warranties, conditions, rights and remedies express or implied under common law, statute or otherwise, in relation to the sale, supply, storage, use or application are excluded. Four Seasons Agribusiness Pty Limited and its associated entities shall not accept any liability whatsoever (including consequential loss) or however arising (including negligence) for any damage, injury or death connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

Toxic if swallowed. May damage fertility or the unborn child. May cause harm to breast-fed children. May cause damage to organs through prolonged or repeated exposure.

Do not breathe fumes, mists, vapours or spray. Do not get in eyes, on skin, or on clothing. Avoid contact during pregnancy or while nursing. Do not eat, drink or smoke when using this product. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. In case of fire, use carbon dioxide, dry chemical, foam, water fog.

**IN AN EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**