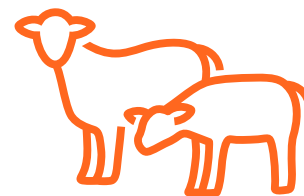


## SHEEP PRODUCT INFORMATION SHEET



# Sheepguard® Long Acting Injection for Sheep

### Description

For the treatment and control of roundworms, nasal bot and itchmite in sheep. For protection against severe challenge by *Haemonchus contortus* (barber's pole worm) for up to 4 months.

Contains moxidectin (20 g/L), a potent ML (Macrocyclic lactone or 'mectin').

### Key Benefits

- Broad spectrum worm control.
- Control of many internal and external parasites.
- Highly potent injectable formulation.
- Ideal for highly contaminated pastures.
- Ideal for low immunity animals such as pregnant or lactating ewes and weaners.
- Can be administered along with drench from another chemical group and vaccines.
- Protects against severe challenge by barber's pole worm for up to 4 months.
- Long acting protection against the three major production-limiting worms up to 91 days.

### Approved Uses

When Sheepguard Long Acting Injection for Sheep is used at the recommended dose rate as a single subcutaneous injection, it prevents reinfection of sheep with nematodes as in the following table:

| Protection                               | <i>H. contortus</i>   | <i>T.(O.) circumcincta</i> | <i>T. colubriformis</i> |
|--|-----------------------|----------------------------|-------------------------|
| Prevents reinfection of sheep with worms | Not less than 91 days | Not less than 91 days      | Up to 49 days           |

Sheepguard Long Acting Injection for Sheep has been shown to protect sheep against severe challenge by *H. contortus* for up to 4 months.

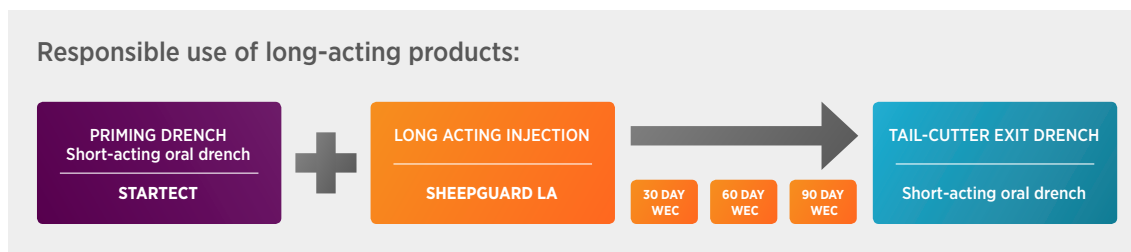
Sheepguard Long Acting Injection for Sheep is effective against benzimidazole and levamisole resistant strains of *H. contortus*, *T. colubriformis* and *T.(O.) circumcincta*.

Sheepguard has shown efficacy against a number of avermectin resistant strains of *H. contortus* and *Teladorsagia (Ostertagia)* spp. However, as Sheepguard shares a similar mechanism of action to avermectins, it SHOULD NOT be used where avermectin resistance is present, except where specifically recommended by an advisor.

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### The Zoetis Advantage



### RESPONSIBLE USE OF LONG ACTING (LA) PRODUCTS

#### 1. Priming drench (given at the same time as the long-acting product):

- Use an effective short-acting drench, preferably a combination, which includes an active from a different class (group) to the long-acting product.
- It clears the sheep of any worms including those that are resistant to the long-acting drench.

Startect® with its new class of active in combination is an effective priming drench.

Startect is the only drench to contain a Spiroindole class (SI) of active in Derquantel, making it a good priming partner with LA drenches.

#### 2. Pooled worm egg count tests at the 30, 60 & 90 day mark following the LA treatment:

- Testing at these times will give an accurate measure of the efficacy of the program in use.
- Any eggs indicate the end of the long-acting pay-out period and the need to schedule the tail-cutter drench.
- Gives greater certainty as to when the treatment is becoming ineffective.

#### 3. Tail-cutter or exit drench is used two weeks after the end of the actual protection period:

- Use an effective short-acting treatment, preferably a combination, which is from a different class to the long-acting product.
- Ideally done 2 weeks after the long-acting protection period expires.
- Kills larvae that have survived the persistent treatment and stops them from developing into breeding adult worms.

| Responsible use will result in   |
|--|
| Greater productivity, increased sustainability and overall better value-for-money        |
| A longer and more sustainable use of the more fragile single active ML (mectin) drenches |
| Opportunities to add value by informing and promoting best practice                      |
| Being able to continue using LA treatments into the future                               |

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### Dosage

- Use the contents within 24 hours of first broaching the vial.
- Discard the unused portion.

### Dose rate

1 mg moxidectin/kg liveweight (1 mL/20 kg liveweight).

Sheepguard Long Acting Injection for Sheep must be administered by subcutaneous (under the skin) injection at the base of the ear or high on the neck behind the ear.

### Dosage table

| Weight range (kg) | Dose volume (mL) | Doses per pack 200 mL | Doses per pack 500 mL |
|-------------------|------------------|-----------------------|-----------------------|
| 20*               | 1                | 200                   | 500                   |
| 21-30             | 1.5              | 133                   | 333                   |
| 31-40             | 2                | 100                   | 250                   |
| 41-50             | 2.5              | 80                    | 200                   |
| 51-60             | 3                | 66                    | 166                   |
| 61-70             | 3.5              | 57                    | 142                   |
| 71-80             | 4                | 50                    | 125                   |
| 81-90             | 4.5              | 44                    | 111                   |

**\*DO NOT USE IN LAMBS LESS THAN 20 KG**

Animals heavier than 90 kg to be dosed at 0.5 mL per 10 kg.

### Additional Information

#### Withholding periods

**Meat:** DO NOT USE less than 91 days before slaughter for human consumption.

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

### Trade Advice

#### ESI (Export Slaughter Interval)

Do not slaughter for export less than 133 days after treatment.

Before using this product, confirm the current ESI from Zoetis on 1800 814 883 or the APVMA website ([www.apvma.gov.au/residues/](http://www.apvma.gov.au/residues/)).

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### Disposal

Bury destroyed empty containers at a depth of 500 mm or more at a licensed/approved disposal site. In some states, waste can only be buried at a licensed landfill. Do not burn empty containers of product. Please recycle instruction leaflet and carton only.

Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container. The container should be of a type to reduce the possibility of injury to handlers during collection and disposal. Incineration is the preferred method of disposal, otherwise sharps should be buried at a suitable site, such as an on-farm chemical disposal pit located away from water courses.

### Storage Recommendations

Store at or below 30°C (Room Temperature). Protect from light.

### Registered Label Warnings

#### Restraint

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

#### Contraindication

Sheepguard Long Acting Injection for Sheep is not recommended for use in goats as safety and efficacy have not been evaluated.

### Safe Use Recommendations

Poisonous if swallowed. May irritate the nose and throat. Will irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale. Wash hands after use.

Accidental self-injection may cause a persistent inflammatory or allergic response.

Medical advice should be sought as soon as possible on the management of all instances of self injection, especially deep injections, those near a joint or those associated with bruising. The application of gentle pressure with absorbent material, e.g. facial tissues, to the needle puncture area will swab up unabsorbed product. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleaned and a suitable antiseptic applied.

### First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

#### Reference:

Zoetis Australia Pty Ltd. (2013-01-25). *Sheepguard® Long Acting Injection for Sheep* [Package insert]. Rhodes, NSW: Zoetis Australia Pty Ltd..

