

Cydectin Long Acting Injection for Sheep offers longer worm protection from one simple injection

- **112 days control of *Teladorsagia* {*Ostertagia*} *circumcincta* (small brown stomach worm)¹**
- **91 days control of barber's pole worm (*Haemonchus contortus*)¹**
- **42 days control of *Trichostrongylus colubriformis* (black scour worm)¹**
- Cydectin Long Acting Injection contains the most potent macrocyclic lactone (ML) available providing broad spectrum worm control. It has shown efficacy against a number of ivermectin² resistant strains of *H. contortus* and *Ostertagia* spp. It also controls benzimidazole (BZ) and levamisole resistant worms.
- Itchmite and nasal bot control.

The Benefits

- Longer acting worm control means cleaner sheep, less pasture contamination and increased productivity.
- Reduced development of resistance due to control of resistant worms and reduced drenching frequency.
- Ease of application – a simple, quick injection means less time spent drenching and handling sheep.
- Less frequent drenching reduces costs and risks associated with yarding such as enzootic pneumonia.

¹ The protection period may vary from the times stated. Where resistance exists, protection periods may be shorter than those stated. Some field studies have shown that a longer protection period may be achieved.

² As moxidectin shares a similar mechanism of action to the avermectins, it should not be used where avermectin resistance is present, except where specially recommended by an advisor.

Pre-lamb worm management in ewes

Controlling parasites in ewes during the periparturient period has the benefits of:

- Improved ewe health and productivity resulting in faster growing lambs
- Reducing the ewe's contribution to pasture contamination (to which the young lamb is exposed)

Many tools can be used to determine whether ewes require drenching including monitoring faecal egg counts and body condition scores.

First lambing ewes, those in low body condition and multiple bearing ewes are the groups most likely to benefit from pre-lamb treatment.

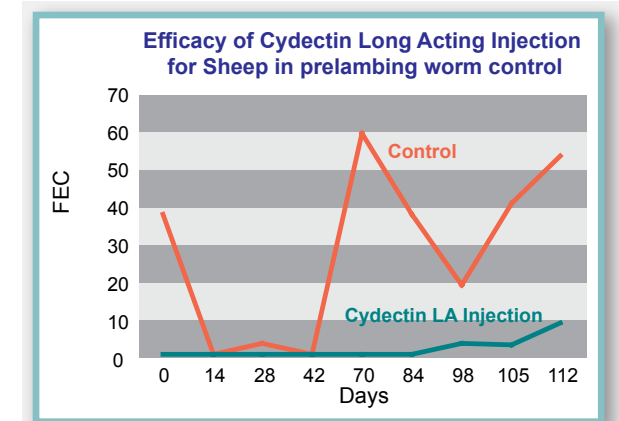
Other groups may be left undrenched as contributors to the refugia on the farm.

Cydectin Long Acting Injection for Sheep provides a tool to farmers who have a need to drench their ewes prior to lambing with the following advantages:

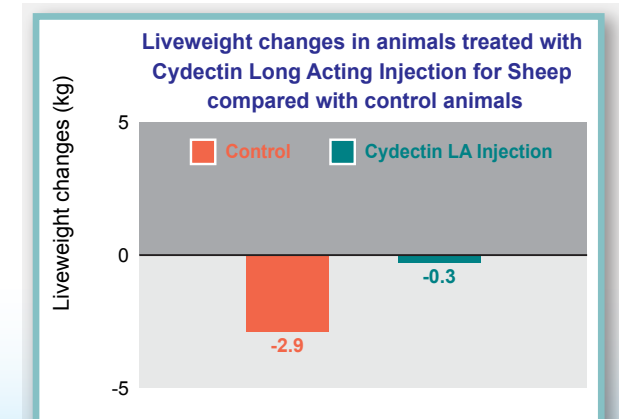
- It contains the most potent macrocyclic lactone (ML).
- It has shown efficacy against a number of ivermectin² resistant strains of *H. contortus* and *Ostertagia* spp. It also controls benzimidazole (BZ) and levamisole resistant worms.
- It has an extended period of protection ensuring that the ewe is protected during the entire periparturient relaxation period even in years when this occurs later than expected.
- The extended protection period offers less ewe generated pasture contamination, longer health and productivity benefits to the ewe which results in better lamb productivity.

Field Trial – Prelambing treatment

A field study was conducted to demonstrate the efficacy of Cydectin Long Acting Injection for Sheep as a pre-lamb treatment in two-tooth lambing ewes. The ewes were treated prior to lambing and their FEC monitored for 112 days following treatment. The FEC graph shows that the treated ewes maintained a lower FEC throughout the 112 day period compared to the control group.



Weight gains were also monitored during the trial. Despite a relatively low challenge (control average FEC 26 egg over the duration of the study) the ewes drenched with Cydectin Long Acting Injection for Sheep lost 2.6 kg less bodyweight than the control ewes over the course of the 112 day study (during which they lambed).



Trial number 0982-O-NZ-01-02, data on file

ADMINISTRATION INFORMATION

DOSAGE

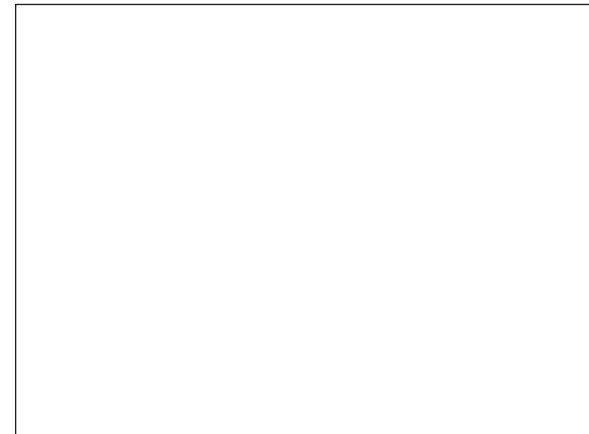
| Weight Range (kg) | Dose Volume (mL) | Doses per pack 500 mL |
|-------------------|------------------|-----------------------|
| 20* | 1.0 | 500 |
| 21 - 30 | 1.5 | 333 |
| 31 - 40 | 2.0 | 250 |
| 41 - 50 | 2.5 | 200 |
| 51 - 60 | 3.0 | 166 |
| 61 - 70 | 3.5 | 142 |
| 71 - 80 | 4.0 | 125 |
| 81 - 90 | 4.5 | 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.

CYDECTIN LONG ACTING INJECTION FOR SHEEP



Available from



Pfizer Animal Health

Pfizer New Zealand Limited

Pfizer New Zealand Limited, PO Box 3998, Auckland 1140. Phone 0800 650 277

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1 Administer Cydectin Long Acting Injection for Sheep subcutaneously (under the skin)



2 Deliver the injection at the base of the ear or high on the neck behind the ear



3 Administer Cydectin Long Acting Injection for Sheep ONLY with the specifically designed injector



WITHHOLDING PERIODS

Meat: 91 days

Milk: 180 days

CYDECTIN[®] Long Acting Injection for Sheep

112 days control of *Teladorsagia* {*Ostertagia*} *circumcincta* (small brown stomach worm)¹

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