

## 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)<sup>1</sup>**
- **91 days control of barber's pole worm (*Haemonchus contortus*)<sup>1</sup>**
- **42 days control of *Trichostrongylus colubriformis* (black scour worm)<sup>1</sup>**
- 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 ivermectin<sup>2</sup> 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.

<sup>1</sup> 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.

<sup>2</sup> 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.

Clinical parasitism and productivity losses caused by worms are greatest in lambs in their first autumn.

In addition these animals are also at risk from enzootic pneumonia. Like parasitism, symptoms from this disease run along the continuum from death to clinical symptoms to subclinical production (growth rate) losses. In addition it can result in condemnation and downgrading of carcasses at slaughter.

There are several predisposing factors for enzootic pneumonia including mustering and yarding especially in dry, dusty conditions. Several bacteria and viruses have been implicated in the disease.

An important way of reducing the occurrence of enzootic pneumonia is to minimise predisposing factors and avoid unnecessary stress on lambs and hoggets. Cydectin Long Acting Injection for Sheep allows farmers to minimise the mustering, yarding and close confinement of stock through the autumn period due to its extended period of parasite protection.

As well as allowing farmers to minimise yarding and handling of stock the effectiveness of Cydectin Long Acting Injection for Sheep will ensure optimum parasite control thus having a positive effect on the overall health of this at-risk group.

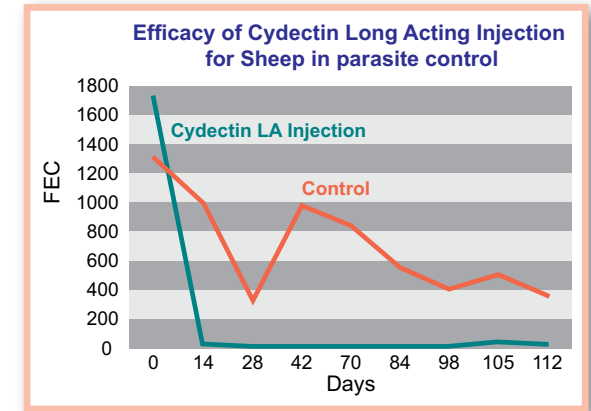
### Field Trial – Autumn protection of hoggets

Field studies conducted in New Zealand have demonstrated long term protection against reinfection, even in high challenge situations.

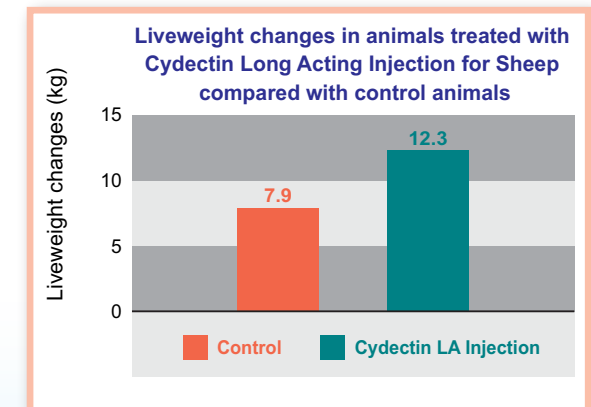
A field study was conducted to demonstrate the efficacy of Cydectin Long Acting Injection for Sheep in eight to ten month old, mixed sex Romney and Romney-cross lambs in New Zealand. Faecal egg counts (FEC) were monitored for 112 days after treatment and compared with controls.

The FECs from the control group showed that a mixture of worm genera was present throughout the trial including *Haemonchus* spp, *Ostertagia* spp, *Trichostrongylus* spp and *Cooperia* spp. A small number of *Oesophagostomum/Chabertia* spp were also present.

The FEC of the treated lambs demonstrate that Cydectin LA provided exceptional, long term control of a mixed parasite infection under high challenge conditions in New Zealand.



Weight gains were also monitored during the trial. There was a 4.4 kg liveweight advantage in the group treated with Cydectin Long Acting Injection for Sheep compared with control lambs after 112 days in this study. This weight gain advantage occurred despite the lambs in the control group receiving a salvage treatment with a dual combination drench.



ADMINISTRATION INFORMATION

DOSAGE

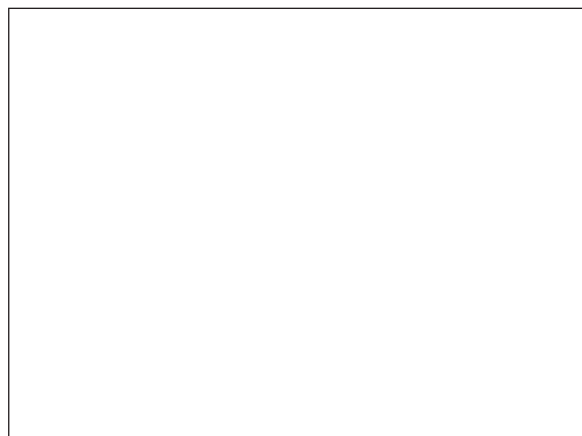
Weight Range (kg)	Dose Volume (mL)	Doses per pack 500 mL
20*	1.0	500
21 – 30	1.5	333
31 – 40	2.0	250
41 – 50	2.5	200
51 – 60	3.0	166
61 – 70	3.5	142
71 – 80	4.0	125
81 – 90	4.5	111

\*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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**CYDECTIN®**  
**Long Acting**  
Injection for Sheep

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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