

# Firstmectin® SE

selenised endectocide and tapewormer for lambs

Firstmectin® SE is a highly effective combination drench for your lambs' first year of life. It provides your lambs with effective control of all ML susceptible roundworms as well as controlling heads and segments of tapeworm. Firstmectin® SE was the first drench of this type for the Australian market.

## WHAT IS FIRSTMECTIN® SE?

The drench for your lambs' first year

- ✓ Contains abamectin
- ✓ Contains praziquantel
- ✓ Safe for lambs
- ✓ Controls heads and segments of tapeworm
- ✓ Highly potent
- ✓ Contains selenium



## WHY CHOOSE FIRSTMECTIN® SE?

### 1. CONTAINS ABAMECTIN

Abamectin is a short acting, highly potent member of the ML family of drenches. Researchers suggest that abamectin differs from ivermectin and moxidectin enough for it to be considered a third alternative within the ML family of drenches. Abamectin is the active of choice to ensure effective worm kill of susceptible worms due to its high potency and ability to delay the onset of resistance due to its short acting nature.

### 2. CONTAINS PRAZIQUANTEL

Firstmectin® SE contains praziquantel - the only chemical that controls both segments and heads of tapeworm.

### 3. SAFE FOR LAMBS

For a young lamb, life is a risky business. They're vulnerable to cold, predators and worms. As soon as they start to eat pasture, they're developing a worm burden. Firstmectin® SE can safely be used on lambs from 6 weeks old. In fact Firstmectin® SE is perfect for your lambs entire first year of life.

### 4. CONTROLS HEADS AND SEGMENTS OF TAPEWORM

It makes sense to take out tapeworm to reduce the overall worm burden of your lambs. Firstmectin® SE contains praziquantel – the only chemical that controls both segments and heads of tapeworm. You can see the results, so you know it's working.

### 5. HIGHLY POTENT

Abamectin is one of the most potent drenches available. In sheep of any age, worm infestations lead to reduced wool production and lower bodyweights. In young sheep, a high worm burden will have a far bigger impact. Also, drenching lambs leads to less selection pressure for resistance than drenching fully immune, adult sheep.

### 6. CONTAINS SELENIUM

An aid in controlling selenium deficiencies in sheep. Selenium deficiencies and poor nutrition can increase the effect a worm burden can have on the flock. Other problems associated with selenium deficiency are reduced growth rate (in wool and meat), reduced immunity to worms, and greater susceptibility to other infections.

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## WHEN TO USE FIRSTMECTIN<sup>®</sup> SE

### THE ML DRENCH FOR YOUR LAMBS' FIRST YEAR

#### 1. DRENCH AT WEANING

Drenching at weaning ensures all lambs are above the minimum age of six weeks old. It also ensures that worms are being targeted when they can do your sheep the most harm, when they are young lambs.

#### 2. AS NEEDED

Lambs should be monitored regularly and if worms become a problem they should be drenched with the most effective drench available. Firstmectin<sup>®</sup> SE is highly effective against both roundworms and tapeworm, so is ideal to reduce your lambs' overall worm burden.

## HOW TO USE FIRSTMECTIN<sup>®</sup> SE

#### 1. A REPRESENTATIVE SAMPLE OF LAMBS SHOULD BE WEIGHED BEFORE TREATMENT

Dose the mob according to the heaviest animal by liveweight in the group. Do not underdose. Where there is a large variation in size within the group, dose rate should be based on the label directions for each weight range. Drafting into two or more lines may be appropriate, to avoid excessive overdosing.

#### 2. RESISTANCE MAY DEVELOP TO ANY DRENCH

Ask your local veterinary practitioner or animal health consultant for recommended parasite management practises for your area to reduce development of resistance. It is advisable that a drench test be conducted before any drench is used.

#### 3. DO NOT DRENCH IN LAMB MARKING CRADLE

Drenching lambs in a lamb marking cradle increases the risk of getting drench into the lungs and hence increases the risk of death.

## QUICK REFERENCE GUIDE

### INDICATIONS

- Treatment and control of all major gastrointestinal roundworms in sheep. An aid in controlling selenium deficiencies in sheep.

### DOSAGE/DIRECTIONS

- The dose of 1ml/4kg bodyweight delivers 0.2mg/kg of abamectin, 3.75mg/kg of praziquantel, and 0.1 mg/kg of selenium.
- Dose the mob according to the heaviest animal by liveweight in the group (ewes, rams, lambs). Do not underdose. A representative sample of animals should be weighed before treatment.

Liveweight (kg)	Dose Volume (ml)	Sheep treated (1L)	Sheep treated (5L)	Sheep Treated (10L)
11-16	4	250	1250	2500
17-20	5	200	1000	2000
21-30	7.5	133	666	1333
31-40	10	100	500	1000
41-50	12.5	80	400	800
51-60	15	66	333	666
61-70	17.5	57	285	571
71-80	20	50	250	500

### RECOMMENDED FOR USE IN:

- Lambs that are over 6 weeks of age and are greater than 10kg bodyweight. This drench is suitable for lambs from 6 weeks of age until 12 months of age.

### PRESENTATION

- Liquid: 1 L, 5 L backpack, 10 L drum

### COMPOSITION

Abamectin	0.8 g/L
Praziquantel	15 g/L
Selenium	0.4 g/L

### STORAGE

- Store below 30 degrees Celsius (room temperature) in original container.

### WITHHOLDING PERIOD

- Meat: 14 days
- Milk: When milk or milk by-products are to be used for human consumption DO NOT ADMINISTER to dairy sheep within 28 days prior to lambing or during lactation.
- ESI: 28 days