

Scorpius Elite Spot-On



SCORPIUS ELITE SPOT-ON IS A SAFE, HIGHLY EFFECTIVE AND EASY TO USE ANTHELMINTIC FOR ALL CLASSES OF CROSSBRED SHEEP.



As part of the development of **Scorpius Elite** extensive trial work has been carried out across New Zealand demonstrating the excellent efficacy of **Scorpius Elite**. These studies covered a number of environments, wool lengths and worm species.

PRODUCT SIZES

10L treats 1,000 25kg sheep

Double Active
Sheep Spot-on

DOSE RATE

1mL/2.5kg

ACTIVE INGREDIENT

15 g/L Eprinomectin and
26 g/L Levamisole

HELENSVILLE TRIAL 2017

- 3 month old Coopworth mixed sex lambs with 4-5 cm wool
- 8 animals per treatment group
- **TREATMENT GROUPS:** Scorpius Elite, Matrix Hi-Mineral® and Switch Hi-Mineral®
- Animals treated and then slaughtered 10 days later for total post treatment gastrointestinal worm counts

GEOMETRIC MEAN % REDUCTIONS - TOTAL WORM COUNT

GROUP	<i>Teladorsagia spp.</i>	<i>Haemonchus contortus</i>	<i>Trichostrongylus axei</i>	<i>Nematodirus filicolis</i>	<i>Trichostrongylus spp.</i>	<i>Cooperia curticei</i>
Scorpius Elite	99.0	99.6	99.5	99.9	99.3	99.9
Matrix Hi-Mineral®	82.7	99.9	99.5	99.9	99.3	99.9
Switch Hi-Mineral®	67.9	99.5	99.5	99.9	99.3	99.9

In this study **Scorpius Elite** demonstrated superior efficacy against parasites resistant to triple combination oral drenches.

OTAGO TRIAL 2016

- 10 month old Romney hoggets, 3-4 cm wool length
- 10 animals per treatment group
- **TREATMENT GROUPS:** Scorpius Elite and an abamectin/levamisole combination oral
- Pre-treatment faecal egg count and post treatment Faecal Egg Count (FEC) 9 days later

ARITHMETIC MEAN FEC (% REDUCTION)

GROUP	DAY	
	0	9
Scorpius Elite	59.5	0 (100 %)
Saturn Sheep HiMin	80.5	10.5 (91 %)
Untreated Control	108.5	160.9

This study showed superior efficacy of **Scorpius Elite** against parasites with resistance to an abamectin/levamisole oral combination.

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Donaghys have developed Scorpius Elite in an effort to make farming easier, while not compromising drench efficacy and farm productivity.

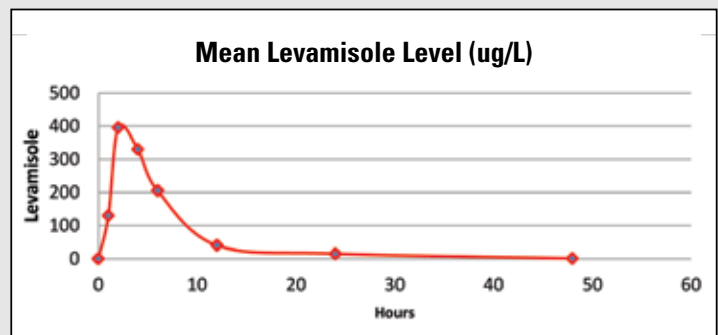
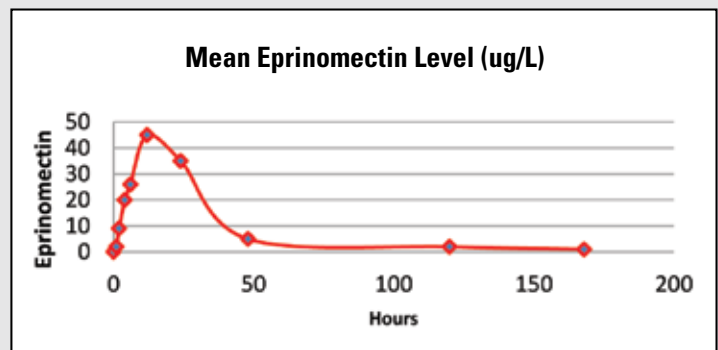
Scorpius Elite is a world first combination spot-on for sheep demonstrating excellent absorption of the active ingredients and efficacy against a wide range of parasites under New Zealand conditions.

Registered pursuant to the ACVM Act 1997 No. A011728. Patent pending 619027.

PHARMACOKINETIC STUDIES DEMONSTRATE ABSORPTION OF BOTH ACTIVE INGREDIENTS

In this study Scorpius Elite also demonstrated efficacy against parasites resistant to an oral drench containing both abamectin and levamisole.

Blood levels of both active ingredients demonstrated their absorption in pharmacokinetic studies. These levels were higher than the levels published for comparable products overseas. In these studies the product also showed > 99% efficacy against a variety of the major worm species impacting sheep in New Zealand.



SUPERIOR EFFICACY WITH SCORPIUS ELITE

- World first combination spot-on technology for sheep
- Contains a novel combination of eprinomectin and levamisole
 - Eprinomectin is a well known, safe, potent and effective anthelmintic used commonly in cattle but is new for use in sheep in New Zealand
 - Blood testing has shown excellent absorption of both of the active ingredients
- Studies have shown reduced time and effort drenching sheep
- Tested in New Zealand across a wide variety of wool lengths > 30 mm
- Has demonstrated excellent efficacy against sheep parasites including parasites resistant to oral, triple combination products