

Why does Scorpius Elite works so well?

SOME FARMERS HAVE ASKED how a product with only two actives in it has efficacy against worms displaying triple resistance that triple active orals cant kill. A Total Worm Count study was conducted against some resistant worms not only using Scorpius Elite but also some other products to see where the efficacy of Scorpius Elite was coming from. These products included a straight levamisole spot-on and an oral levamisole product.

THE PARASITES ON THIS FARM showed some pretty severe resistance to levamisole. This was with multiple species of worms including *Teladorsagia sp.* and *Trichostrongylus axei*.

THE INTERESTING PART is how well levamisole alone as a spot-on worked against these worms. This spot-on (Scorpius L) was an identical formulation to Scorpius Elite minus the eprinomectin portion. Although there was still some resistance evident it is easy to see from the

graph below that in a spot on formulation, levamisole worked much better than an oral drench against these resistant worms. Not only does this show that spot-on formulations can work in sheep but they can in fact out perform oral formulations.

WHY IS THIS?

THE LEVELS OF levamisole in the blood after treatment with Scorpius Elite are present for longer than published levels for an oral levamisole formulation. The half-life of oral formulations has been shown to be only 30 minutes compared to the 4 ½ hours with Scorpius Elite.

WHEN YOU ADD eprinomectin to this, efficacy against all these parasites was 100%. A truly outstanding result that gives farmers confidence when using Scorpius Elite, even when they have had concerns about resistance in the past.

Total Worm Count Efficacy

