



DATE: 17 May 2021

SUBJECT: Editorial - Cydectin Platinum

Synopsis: *Independent research confirms significant cost of using ineffective drenches on herd performance.*

Pull quote: "We now recognise that single active pour-on drenches are no longer effective enough to control all key worms or protect productivity"

Dual-active cattle drench - a game-changer for cattle producers

Research has found a dual-active moxidectin and levamisole cattle drench resulted in steers that were 11 kilograms heavier than untreated animals and 8kg heavier over 63 days than those who had been treated with doramectin pour on

Virbac Australia has partnered with two independent research groups in northern and southern Australian cattle regions to uncover the most effective cattle drench in different conditions.

Research conducted by the New South Wales Department of Primary Industries and North Coast Local Land Service found that untreated yearling steers or those treated with an ineffective product were 15 kilograms lighter after 90 days.

The recent study looked at the response to a range of pour-on drenches in 245 mixed-breed steers, 9-11 months old sourced from over 50 NSW farms, with a mean starting weight of 300 kilograms and naturally infected with *Ostertagia*, *Haemonchus* and *Cooperia*.

The research found that Cydectin Platinum - as a dual-active moxidectin and levamisole cattle drench - resulted in steers that were 11kg heavier than untreated animals and 8kg heavier than those who had been treated with doramectin pour-on.

A second study conducted by James Cook University in Queensland found that the dual-active drench was the most effective at worm control. The study involved 172 mixed-sex weaner beef cattle from a local research herd; the animals had a mean starting weight of 280kg, mixed infections of *Haemonchus*, *Cooperia* and *Oesophagostomum*.

Cydectin Platinum had 100 per cent efficacy against worms at day 14 and 4.4kg weight gain compared to controls and 2.4kg compared to single active doramectin pour-on over 42 days. The single active doramectin pour-on was also the least effective and only achieved an efficacy of 88 percent compared to controls.

Virbac senior livestock technical services manager Dr Matt Ball encourages farmers to ensure they choose the most effective cattle drench to fight parasites.

"We now recognise that single active pour-on drenches are no longer effective enough to control all key worms or protect productivity," Dr Ball said.

"Farmers need effective products that don't just remove some of the worms but also add excellent growth rates in their cattle. Over time, the products that we use become less and less effective and that is



fundamentally the problem. If we use an ineffective drench, we lose productivity – our cattle don't grow as well.

“With Cydectin Platinum, we've created a drench that not only improves worm control and holds off resistance, but it also keeps benefits like potency, persistency and ease of use. When it comes to animal health, don't settle for the second best. Make sure you're using the right products and that your drench protects your productivity.”

Its manufacturer, Virbac, said Cydectin Platinum was the world's first dual-active cattle drench containing moxidectin and levamisole.

It also uses DMI-Sorb™ technology to increase absorption. The first veterinary use of its kind in Australia according to Virbac, DMI-Sorb™ works by keeping the product concentrated to the areas where it was applied and reduces absorption variability. It also provides enhanced stability for the two active ingredients - moxidectin and levamisole.