



 **ZOLVIX**[®]
MONEPANTEL

For more information about ZOLVIX please visit www.ZOLVIX.com.

ZOLVIX contains Monepantel a member of the amino-acetonitrile derivate (AAD) class of anthelmintics.

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NEW GENERATION ZOLVIX



WORM CONTROL BACK IN YOUR HANDS

 **ZOLVIX**[®]
MONEPANTEL



FROM INSIGHT TO INNOVATION

Meeting the challenge.

Sheep farmers need to be confident that the drenches they use deliver powerful efficacy to combat resistant roundworms. Yet the falling efficacy of the drenches they have used for years is leaving their sheep increasingly vulnerable to worm infections and production losses. Worse still, their dilemma is compounded by the continuing rise in the numbers of resistant and multi-resistant worms, which are actively shrinking the range of effective anthelmintics they can call on to tackle the problem.

Novartis Animal Health is meeting this critical challenge with ZOLVIX – a ground-breaking new drench that gives farmers new levels of worm control, treating even those worms resistant to existing drenches so they can improve sheep productivity and boost their profitability.

The first new class of drench for over 25 years.

ZOLVIX contains a breakthrough new molecule – monepantel – the first molecule from the newly discovered Amino-Acetonitrile Derivative class (AADs) and the only new class of livestock drench introduced since the 1980s. By harnessing the power of monepantel, ZOLVIX offers unparalleled efficacy against all major sheep worms, including those resistant to other classes of drench. And the innovation extends further, with the revolutionary OPTIMUM™ administration system designed specifically for use with ZOLVIX. It's these advances that give ZOLVIX the power to change the landscape of worm control for years to come.

How was ZOLVIX developed?

ZOLVIX is the product of intensive research and consultation by Novartis Animal Health. By asking farmers and veterinary experts worldwide what would most improve their farm productivity, the company identified an urgent need for a radical new approach to sheep worm control. Further customer consultations and robust research into anthelmintic compounds led to the discovery of the AADs and the development of monepantel – the brand new molecule that delivers unparalleled efficacy and certainty in worm control.



THE STORY BEHIND ZOLVIX



Why is monepantel a breakthrough?

Novartis Animal Health researchers tested over 700 molecules in the AAD class to identify the one that delivered optimal performance – monepantel. This new molecule works differently to all other anthelmintics – paralyzing worms by attacking a previously undiscovered receptor Hco-MPTL-1 present only in nematodes. Its unique mode of action is key to making ZOLVIX such an important advance.

ZOLVIX: total drenching innovation.

Monepantel is only one of several innovations delivered by ZOLVIX. Rather than following traditional development routes, Novartis Animal Health consulted hundreds of farmers and key opinion leaders across the globe to help determine the ideal drenching formulation. Through these insights and a rigorous programme of R&D, the company innovated every aspect of the drenching process, from formulation development through to packaging and delivery. The result is ZOLVIX with its innovative new OPTIMUM™ drenching system – a revolutionary new package of worm control that transforms the anthelmintic armoury available to farmers.

Why ZOLVIX changes everything.

From outstanding performance to easy drenching, ZOLVIX revolutionises drenching with:

- Monepantel – a breakthrough molecule with a unique mode of action that targets a receptor unique to nematodes
- High-level and broad-spectrum of efficacy – controls all major sheep worms including those resistant to existing anthelmintic groups
- Impressive safety profile – setting new standards in animal, operator and environmental safety
- Well tolerated by adult sheep and lambs
- Convenient withdrawal period*
- Innovative 3-part OPTIMUM™ system for easy, efficient drenching with less waste

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