



2 Farm Innovation

Vetorapid by Innovativefarmers

in **Significant Impact Group(s)**: Pathogen management \
Managing sick animals

Species targeted: Dairy;

Age: Adult;

Summary: Company 'Innovativefarmers' with innovation 'Vetorapid: Improving The Targeting Of Mastitis Treatments'

The field lab aims to demonstrate that following appropriate training, farmers are capable of determining the causative agent of mild or moderate clinical mastitis (Grades 1 or 2 only) using the Vetorapid™ system and delivering selective treatment based on the results.

Providing dairy farmers with a consistent procedure for typing bacteria rapidly on-farm has the potential to reduce the use of antimicrobials in lactating cows by up to 50%. The solution to this could be on-farm tests which give results within 24 hours.

The use of a selective treatment approach will: reduce the overall usage of antibiotics on the farms.

The results show that there are significant cost savings to be made when using this technique which identifies types of bacteria in cattle. The expected saving in antibiotic treatments using the culture kit was about 24%.

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Where to find the original material: (in English)

<https://www.innovativefarmers.org/field-lab?id=ac9809d7-6667-e511-80c5-005056ad0bd4>;

Country: UK