

New research shows ground-breaking reduction in greenhouse gas emissions from livestock

Trial at Copenhagen University shows a 58% methane reduction with English invention

Herning, Denmark, 26 February 2018 – Livestock emissions are a considerable contributor to greenhouse gas emissions, however until recently, there has been no commercial, scalable solution to reduce methane emissions from cows. Over the past 10 years, researchers in the UK and leading European institutions, were funded by the pioneering Swiss-based life science group Zaluvida, and have developed a unique, patented natural feed supplement made from fruit and vegetable. This supplement, Mootral, has been shown to instantly reduce methane emissions from ruminants by at least 30%, helping the livestock industry to reduce carbon emissions immediately.

Zaluvida introduced the solution to Danish scientists at the University of Copenhagen and the results of the conducted in-vitro trials shows a strong impact of Mootral on rumen fermentation ultimately impacting climate-change.

Mette Olaf Nielsen, Professor in Sustainable Animal Nutrition, and Hanne H. Hansen, Associate Professor of Cattle Production, Department of Veterinary Clinical and Animal Sciences at Copenhagen University, commented: *“A 58% methane reduction was achieved when we added Mootral to a typical (Danish) dairy ration of maize silage and soybean cake in our in-vitro test. This is an impressive and exciting result. We will continue our studies with Mootral to verify the effects in real cows under farm conditions as part of our ongoing research efforts to find ways to ensure drastic reductions in methane emission and de-criminalize cows in the climate debate. The in-vitro test showed clearly that Mootral increased early fermentation and did not affect feed degradability whilst reducing methane.”*

Dr Hilde Vrancken, Vice President Research & Development, Zaluvida, added: *“We are pleased to see such significant and positive results from the University of Copenhagen, confirming the methane emission reductions we have found with our partners worldwide, both in vitro and in vivo. By using Mootral, farmers will now have an opportunity to provide meat and dairy products to the consumer while creating an immediate positive effect on the climate and the cow’s health and productivity. Since our market research has shown that consumers are excited about the concept of climate-friendly products, we are looking forward to move forward the discussion around Mootral.”*

MOOTRAL

A ZALUVIDA TECHNOLOGY.

Zaluvida

Zaluvida is a globally operating life science group that endeavours to rapidly develop solutions for the biggest challenges in healthcare. The company is led from its corporate offices in Switzerland and has branches in Germany, Wales, the Netherlands, the U.S. and Malaysia. By making use of unique bioactive compounds with pharma-grade efficacy, Zaluvida is a pioneer in therapies and technologies for obesity, antimicrobial resistance and for the reduction of greenhouse gas emissions. Our team is united by the desire to use visionary biotech innovations to support as many people as possible in shaping a better future for themselves. For further information visit: www.zaluvida.com.

Mootral

Mootral is a Zaluvida Technology. By applying unique bioactive compounds in animal feed, Mootral reduces greenhouse gas emissions by the agricultural sector and enables increased revenues from climate friendly meat and dairy products. It is Zaluvida's mission to ensure a better value of animal products through Mootral. With slightly higher prices for climate-friendly meat and dairy, consumers can help farmers to reduce the environmental impact in a sustainable way. Additionally, a wide range of corporates can sponsor climate-smart cows and use these to leverage the associated greenhouse gas reduction to offset their carbon impact and support their marketing campaigns. For further information visit: www.mootral.com

Press Contact

Daniel de Carvalho
Zaluvida Corporate AG
Avenue Des Uttins 1
1180 Rolle
Switzerland
t. +41.21.822.2362
ddecarvalho@zaluvida.com