



Solving Livestock Methane Emissions

Press Release

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Rumin8 records another +90% methane reduction in Australian cattle trial

An Australian study into the methane reductions achieved by feeding cattle Rumin8's investigational veterinary product (Rumin8 IVP) has added to findings of a recent US study, with methane reductions of 93% recorded in the Australian trial at the University of New England (UNE).

The results are similar to a recent study at renowned UC Davis, where total methane emissions in cattle were cut by 95% when fed a total mixed ration (TMR) that included Rumin8's IVP oil.

As part of the UNE trial, the methane emissions and other performance and animal health measurements from Angus-cross steers fed a TMR which included Rumin8's oil-based IVP were compared against control steers fed the same TMR without Rumin8's IVP.

On average, supplementing the cattle feed with Rumin8 IVP reduced the total methane production by 93% and methane yield by 94%, with no adverse impact on dry matter feed intake (DMI).

The study's authors concluded: "Rumin8 IVP is a promising feed additive to reduce enteric methane emissions."

In addition to the 93% methane reduction, the paper's authors noted that there was no significant effect on rumen pH or redox potential, and blood biochemical assays analysed as indicators of nutritional well-being, liver and kidney function showed Rumin8's IVP had no effect on the different parameters analysed.

Dry Matter Intake (DMI) was monitored between the treatment and control groups, with no statistical difference between the two.

Rumin8 CEO David Messina said the trial provided further confirmation of Rumin8's ability to dramatically reduce methane emissions from cattle, without compromising health or productivity.

"As we advance our development program, we are achieving consistent methane reduction figures, in varying production settings and geographies," he said. "And importantly for the potential buyers of the product, farmers and ranchers around the world, we have not seen a change in DMI or other health parameters."

Additional trials are currently underway in key cattle markets globally as Rumin8 pursues regulatory approval for its novel methane reducing additives.

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About Rumin8

Rumin8 is an agriculture-focused climate tech company, using pharmaceutical technology to create cost-effective additives which reduce methane emissions from livestock. Rumin8's proprietary approach reproduces the naturally occurring compound with precision and consistency, enabling farmers and producers to reduce methane, increase beef or milk production, and improve their bottom line. Our product pipeline includes multiple formulations and delivery mechanisms to suit diverse beef and dairy production systems around the world.

To learn more please visit: <http://www.rumin8.com>

