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## Reducing methane

Port Augusta Transcontinental, Port Augusta

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# Reducing methane

IN a world first, Methane Tamer, a product tackling climate change, has been delivered to Port Pirie to assist in reducing methane emissions by 2030.

The product is a quality, shelf-stable commercial product of asparagopsis - a type of seaweed - designed for a consistent and efficient delivery to the livestock industry.

The product will now be commercially sold to CirPro for use at its partner feedlot HB Rural, south of Port Pirie.

CirPro Australia chief executive, Reg Smyth, said the company was very excited about the product, which addresses key aspects of the variability with use of asparagopsis seaweed by providing a consistent, stable quality finished product for use on farms.

"Our companies are committed to sustainable protein production, but we are also focussed on realised efficiencies, the highest levels of methane reduction, positive commercial outcomes and animal welfare," Mr SMYth said.

"These four pillars are not negotiable.

"This first commercial sale and use of Methane Tamer is the foundation for our previously announced partnership and now with the application of Methane Tamer at scale, we will continue to build the best data to date which will progressively inform our operations, our customers and the industry."

Based on measurements of methane produced by feedlot cattle, each cow produces about 32 kilograms of methane over a 100-day feedlot period which equates to about 896kg of CO<sub>2</sub> Greenhouse Gas equivalent based on the accepted Global Warming Potential of 28 over 100 years.

Mr Smyth said that with Methane Tamer, for 100 cattle in a feedlot for 100 days, the equivalent emissions of about 100 trips between Sydney and Perth driven by an average petrol-powered passenger vehicle, or 45,000 kilograms of coal burned would be eliminated.

"Another way of looking at it is this reduction is equivalent to carbon sequestered by 1500 tree seedlings grown for 10 years," Mr Smyth said.

"Whatever way you view it, this is significant and direct Greenhouse Gas mitigation."



New Methane Tamer helps tackle greenhouse gas emissions. **Picture: FILE**