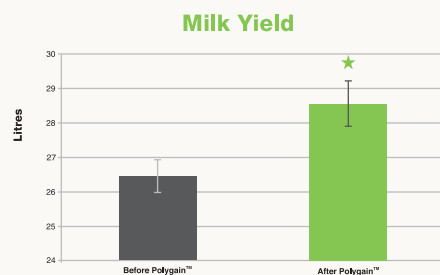




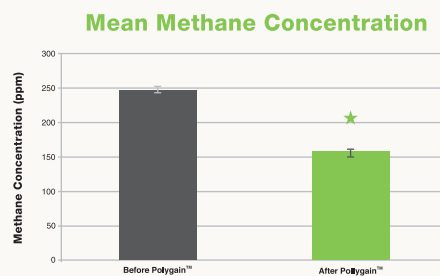
MILK YIELD

On a commercial dairy farm, a group of cows underwent a comparative study where they were initially fed their standard diet for three weeks. Following this period, their diet was enriched with Polygain™, a specialised feed material. The results showed: the cows exhibited a significant increase in milk production, averaging an additional two liters per day compared to their previous performance. Importantly, all milk produced during the study met stringent safety standards, ensuring its seamless integration into the food supply chain for consumer consumption.



METHANE REDUCTION

During the milking process at the dairy, researchers also closely monitored the methane emissions from the same group of cows. The inclusion of Polygain™ in their diet led to a significant reduction in methane emissions, with a 35% decrease compared to their methane output before Polygain™. Polygain™ was the sole distinguishing factor contributing to this notable environmental benefit.



POLY GAIN

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POLY GAIN



ANIMAL NUTRITION

POLYGAIN™

Polygain™ is a safe natural feed material sourced from Australian grown sugarcane (*Saccharum officinarum*). Produced via a patented process, that concentrates powerful antioxidant polyphenols into a highly palatable material.

Polygain™ is designed to support animal health, welfare, productivity and nutrition. These benefits have been demonstrated repeatedly via trials conducted by some of the world's best animal nutrition specialists.

This high-performance material contributes to the ongoing sustainability of multiple agricultural industries. This is achieved by capturing valuable nutrients produced by the sugarcane industry, making these nutrients bioavailable and delivering them efficiently to the farm to grow more food with less methane emissions.

BENEFITS

- ☉ Methane Reduction
- ☉ Mastitis Management
- ☉ Antibiotic Replacement
- ☉ Milk Yield & Quality Improvement
- ☉ Animal Health & Welfare
- ☉ Motivates Feed Intake
- ☉ Balances Rumen Microbiome
- ☉ Improves Feed Conversion Efficiency
- ☉ Superior Meat Quality
- ☉ Appealing Taste



SUSTAINABILITY

METHANE REDUCTION

Polygain™ mitigates methane emissions from commercial farm animals, whilst simultaneously increasing the animal's productivity. This provides an opportunity for farmers to capture the economic benefit of improving their production outcomes, whilst also implementing a sustainable change that will create value for the future generations to come.

Polygain™ works by fine-tuning the rumen microbial community, so that microbes providing energy to the animal can thrive. By promoting a healthy microbial community in the animal, Polygain™ can maintain animal welfare, with less reliance on antibiotics. This will help protect consumers and animals from developing antibiotic resistance from their diet.

Milk and meat collected from ruminants fed Polygain™ have been evaluated through sensory assessment. In all trials, no differences were identified between animals fed Polygain™ and those that were not.

POLYGAIN™ PACKAGING

Demonstrated safe use in multiple commercial agricultural species and approved by the Australian Pesticides and Veterinary Medicines Authority. Polygain™ is available in three product formats:

- ☉ Bulk Liquid (IBC)
- ☉ Liquid 20 Kg
- ☉ Powder 20 Kg