

THE SCIENCE



The science of a Greener Future

PRO EARTH FEED delivers superior results to farmers and reduces the impact of dairy farming on the environment. The supplement directly targets the rumen microbiome, reducing the abundance of methanogenic bacteria and redirecting energy to alternate bio-chemical pathways. As a result this advancement in feed science generates higher milk yields, improved thyroid and reproductive function and reduced disease. Pro Earth Feed reduces the incidences of key ruminant diseases such as mastitis, rumen acidosis, and ketosis, improves animal welfare and supports herd immunity.



METHANE

- + Diverts metabolic hydrogen from methanogenesis
- + Causes cell death of methanogens
- + Increases propionic acid levels reducing hydrogen
- + Promotes efficient use of nitrogen & reduces ammonia



MILK

- + Increases fat & protein content & quantity of milk
- + Diverts energy to bio-pathways increasing production
- + Increases nitrogen utilisation & iodine content in milk
- + Increases no. of Lactococcus & lengthens shelf life



HEALTH

- + Modifies the rumen microbiota & neutralises the pH
- + Reduces instances of mastitis & pathogenic bacteria
- + Reduces the risk of rumen acidosis and ketosis
- + Improves animal immunity & reproductive function



FEED

- + Modifies & improves microbial community in the rumen
- + Diverts hydrogen to alternative biochemical pathways
- + Enzymes help breakdown complex carbohydrates
- + Increases FCR, nutrient availability & adsorption

CONTACT US



Be an Early Adopter Find Out More

For more information on Pro Earth Feed supplement and our Pro Earth Zero sustainable farming program contact us;



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PRO EARTH

PRO EARTH FEED

Return Profits to Farmers

Ruminant Gut Health Supplement

- + Increases Milk Production
- + Increases Profits for Farmers
- + Reduces Emissions
- + Reduces Disease
- + Improves Animal Welfare
- + Certified Organic Input



Our Livestock. Our Farmers. Our Land. Our Earth. We Are... Pro Earth.

WWW.PROEARTHFEED.COM

LIVESTOCK GUT HEALTH



Transforms the Rumen Microbiome

PRO EARTH FEED combines live active pro-biotic bacteria and enzymes, with key marine ingredients, to transform the gut microbiome. This complex microbial community living in the gut has a significant impact on the animal's nutrient metabolism, immune system and performance. By optimising the gut pH and microbial status Pro Earth Feed interacts on a biochemical level, redirecting energy away from methane to alternate biochemical pathways such as milk synthesis and immunocompetence.



Natural Certified Organic Inputs

Pro Earth's feed science combines all natural ingredients into its proprietary ruminant dairy formulation. Pro Earth Feed contains live active pro-biotic bacteria and enzymes with key marine ingredients that are Certified Allowed Organic Inputs by ACO.



KEY BENEFITS



PRO EARTH FEED Productivity Benefits

Pro Earth Feed delivers return profits to dairy farmers of up to 300% of supplementation investment in animal productivity, feed efficiency and disease reduction in addition to supporting long-term sustainable dairy.



Milk Production

Daily Pro Earth Feed supplementation
Improves daily milk production by up to 20%
Increases daily production by an average 6L
Average Daily Increase 6L and est. \$4 per day



Disease Reduction

Reduced levels of significant disease
Reduced Mastitis and Rumen Acidosis.
Reduces E. coli and Scours
Average Daily Saving of est. \$2.25 per animal



Feed Efficacy

Improved FCR Feed Conversion Ratio
Increased Nutritional Absorption
Reduces feed requirements by average of 12.5%
Average Daily Saving of est. \$1.25 per animal



Reduced Emissions

Reduced Methane Gas Emission
Reduced Ammonia and Nitrous Oxide Emissions
Taxation benefits, Carbon Credit Generation
Reduced Methane Emissions by up to 80%

The cost benefits and figures depicted in this brochure are based on achieved outcomes during trial testing. Individual results and benefits may vary depending on specific farm conditions, management practices, and other contributing factors.

SUSTAINABLE EARTH



Your Transition to Sustainable Dairy Pro Earth Zero

Agricultural livestock emissions account for a significant percentage of New Zealand and Australia's current carbon emissions footprint. By incorporating Pro Earth Feed daily into the existing diet of ruminant animals, farmers can improve animal performance and reduce livestock emissions, reduce manure methane and nitrous oxide emissions and support sustainable dairy farming practices, naturally as we make the transition to carbon neutral dairy.



**Data Feed
and Online
Integration**



**Improved Animal
Productivity and
Profit Returns**



**Sustainable
Improved Soils
and Pasture**



**Reduced Emissions
Carbon Credits
Taxation Benefits**

Delivered under the Pro Earth Zero sustainable farming program the initiative provides feed, fertiliser, data capture and community benefits in a holistic approach to sustainable dairy. Pro Earth's mission is to support farmers in their transition to profitable, long term sustainable farming practices that mitigate agricultural emissions and aid in the creation of a cleaner, greener earth.

Our Livestock. Our Farmers. Our Land. Our Earth. We Are... Pro Earth.