



Protection from the inside out

The science behind the product...



**7% INCREASE**

**BODY CONDITION SCORE**

**18% lower urinary NITROGEN**

5-6% Less Ammonia = Reduced urinary Nitrogen excretions which means reduction in N loss to groundwater.

Fortress+ increases rumen fermentability producing Volatile Fatty Acids (VFA)

Increased VFA means more available energy



### REDUCED OXIDATIVE STRESS

Cows receiving Fortress+ Dairy have reduced oxidative stress prior to calving and lower oxidative stress after calving

Lower oxidative & metabolic stress after calving

**= less incidents of disease**

### Science into Action

5ml /head/ day of AgriSea Fortress+ Dairy will improve your herd's ruminal fermentation, increase body condition scores and improve health and wellbeing of dairy cows in the last trimester of pregnancy and across the transition period after calving.



# FORTRESS+ DAIRY

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### What is AgriSea Fortress+ Dairy?

Fortress+ Dairy is AgriSea's new animal nutrition product for dairy, scientifically proven to reduce oxidative and physiological stress for healthier cows and calves. It is an easy to administer liquid supplement that reduces on-farm costs, animal loss from poor health, and vet expenses, was designed and created by the collaborative work between, Lincoln University Pastoral Livestock Production Lab and AgriSea, made and tested in New Zealand for high potency and a better environmental footprint.

“Dietary phytochemical diversity enhances health, wellbeing and production of grazing ruminants, while reducing environmental impact.”

Matthew Beck and Pablo Gregorini,  
Lincoln University Pastoral Livestock  
Production Lab

<https://youtu.be/h0z2o8dVGyM>

#### EXPERIMENT 1

### ▶ What they did

Pregnant cows were treated with Fortress+ Dairy before and after calving.

### ? What they found

Cows that received Fortress+ Dairy had lower oxidative stress and higher body condition scores compared to untreated cows.

### ▬ What it means

Treating cows with Fortress+ Dairy decreased animal stress and improved overall wellbeing. Happy, healthy cows are more productive and less prone to disease.

#### EXPERIMENT 2

### ▶ What they did

Pregnant cows were treated with Fortress+ Dairy before and after calving.

### ? What they found

Cows that received Fortress+ Dairy had 18% less urinary Nitrogen excretion compared to untreated cows.

### ▬ What it means

Treatment with Fortress+ Dairy reduces Nitrogen excretion in dairy cows. This can help minimise the environmental impact of intensive grazing systems.

0800 SEAWEED

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