

AgriSea NZ Seaweeds





AgriSea NZ Seaweeds

Who we are

- ❑ Family owned and managed NZ company
- ❑ Brewing high quality products since 1996
- ❑ Provide seaweed concentrates to domestic and international primary sectors





AgriSea NZ Seaweeds

What we do

- Utilise native brown seaweed *Ecklonia radiata*
- Sourced sustainably *from* NZ coastlines *by* NZ coastal communities
- Batch brewed to maximise extraction of available nutrients







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What we sell to these sectors



□ Soil Nutrition

Soil conditioner to feed biology, improve soil structure, and fertility. Ensures ongoing and bioavailable feed source.



□ Pasture Nutrition

Instant source of nutrients to increase pasture quality and quantity. Improves animal production and health condition.



□ Animal Health

Bio-available source of nutrients, minerals, vitamins, and trace elements to animals. This strengthens their natural immune system.



□ Foliar/ Turf Nutrition

Provides natural and absorbable nutrient balance to vines/ crops. Maximises quality, palatability, and yields.



□ Bee Nutrition

Supplies all 10 amino acids essential, vitamins, fatty acids, and minerals to increase nutritional value of feed for bee health.



□ Seaweed salt blocks



□ Seaweed pellets



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What happened at Atiamuri

ATIAMURI SOIL COMPARASONS

- pH the same or better. Better response from lime (for pH adjustment)
- Nitrogen cold turkey withdrawal from bagged N regime.
- Olsen P slight increase, none added, less seasonal fluctuations extremes.
- Available Potassium was slightly higher.
- Aluminium marginal decrease.
- Organic matter % much the same.





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What happened at Atiamuri

ATIAMURI VISUAL COMPARASONS

- VSA indicated Grass Grub damage was reduced, worm counts, clover functionality improved.
- Topsoil depth dramatically increased.
- Worm counts significantly higher.
- Agrisea cost cost was \$190/ha/annum.
- Clover noduling larger, more colour.



PASTURE DIVERSITY!!!!

SOIL / PLANT INTERFACE IS ENHANCED by allowing pathways for the balanced biological/chemical/physical of that environment to function naturally.



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What happened at Atiamuri

ATIAMURI HERBAGE COMPARASONS

- Growth initially compromised but no difference after 2 years
- ME slightly increased,
- DM was comparable,
- Plant tissue Mo & Mg increased as did various other trace nutrients.

AgriSea cost was \$190/ha/annum.

PASTURE DIVERSITY!!!!

Primary & Secondary metabolite functionality in plants is amplified by a diversity of species and encouraged by AgriSea product.

Why AgriSea Seaweed for Animal Health??

- Contains at least 16 macro and micro nutrients
- Vitamins - A, B groups, C, E
- Natural sugars - Mannitol
- Fatty acids
- Amino acids
- Bio available for functional digestion - not expensive urine
- Phlorotannin's
- Polysaccharides
- Bio-active immediately



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What now

Research at Lincoln with Animal health products

- Dairy, Dry stock, Sheep
- Antioxidants in the blood increased
- Rumen activity increased
- Stress markers down

Auckland University, Waikato University with ongoing work into product & supply development.

Community education.



12 Reasons why AgriSea is Unique

- ❑ **New Zealand Product:**
- ❑ **Unique Production System:**
- ❑ **Traceability :**
- ❑ **Supply of guaranteed sustainable NZ seaweed:**
- ❑ **Certification:**
- ❑ **Guarantee of Purpose/Efficacy of product:**
- ❑ **Container Recycling:**
- ❑ **Education**
- ❑ **Support for Kiwi Farmers through good times and bad times**
- ❑ **Nationwide phone/email support for Technical Assistance**
- ❑ **Kiwi Owned Family Company – Personal Guarantee:**