



AgriSea  
NEW ZEALAND

FARM NUTRITION SOLUTIONS



# Welcome to

AgriSea NZ is a multi award winning, sustainable New Zealand company. We are now a second generation family owned and operated company. We have a highly skilled team dedicated to manufacturing the highest quality nutritional products for Soil, Pasture and Animal health.

AgriSea brews liquid seaweed concentrates from the NZ native seaweed species *Ecklonia radiata*. Collected from the shores of New Zealand's pristine coastlines, *Ecklonia radiata* is one of the most complex materials in the world, containing almost every element known to man.

AgriSea's long, cold brewing process eliminates the use of heat, chemicals, freezing or dehydration that might denature or destroy the complex nutrient balance of our seaweed. Although labour intensive, our unique process protects the vast range of natural growth stimulants, vitamins and micro-nutrients that enhance soil, pasture and animal health.

The AgriSea team refuses to compromise product quality to cut production costs or increase profit.



## Our family philosophy is simple:

*"To provide highly effective products with bucket loads of integrity"*

We stand behind our products...  
you can ring to speak to us on

**0800 SEAWEED**

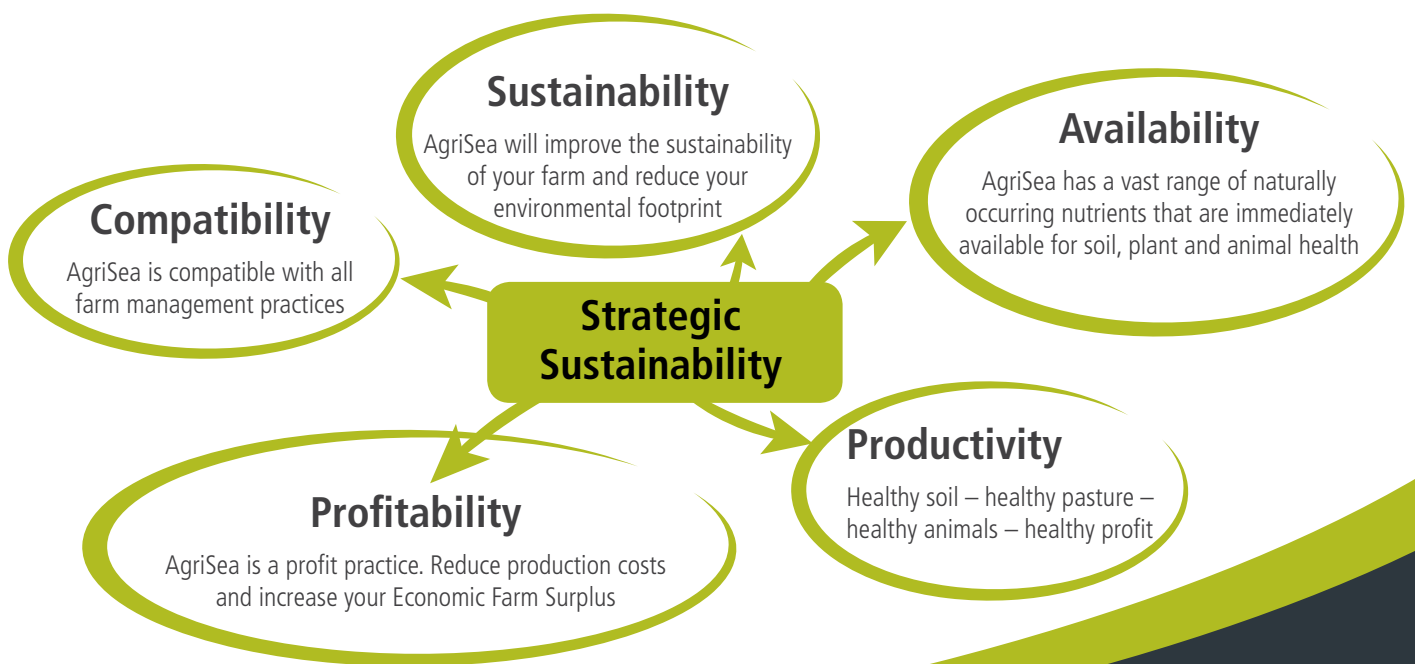
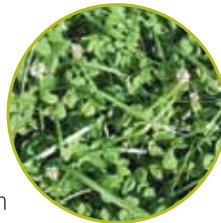


# Why AgriSea?

There are significant economic and environmental challenges facing the Sheep and Beef industry today. AgriSea provides highly effective, financially and environmentally sustainable farming solutions. While all our products are certified organic, 98% of our farmers are non organic.



AgriSea maximises all farm management systems (conventional, biological or organic) resulting in significantly increased farm health, production and profitability. This is achieved via better:



# AgriSea Soil Nutrition



Since the 1950's, farming practices have focused on the soil chemistry – high input, synthetic compounds to push production and yields. While the initial results were good, we are now increasingly aware of the long term effects of these practices – on the quality of our farms, our farm outputs, our land and waterways.

Healthy soil is the basis for agriculture and the necessary foundation for healthy plants and healthy animals.

AgriSea Soil Nutrition is a soil conditioner which will feed your soil biology and improve your soil structure and soil fertility. Soil biology (or soil life) creates soil structure and produces soil nutrients.

An active and diverse soil biology ensures an ongoing feed source for your pasture and animals. AgriSea Soil Nutrition also allows for the numerous minerals and nutrients already in your soil to be refurbished and 'unlocked' – ensuring the ongoing benefit of the previous solid / nitrogen investments made on your farm.



/// My soil structure is now very good... We were impressed with our last dig. Our clover content in our pasture has hugely improved too... ///

**Gerard & Leanne Johnson**  
Kurow



*Healthy soil - Healthy pasture  
- Healthy animals*



/// AgriSea improves the brix levels and the soil biology. It produces high quality feed and rejuvenates clover growth... it's a very easy product to work with. Most of our paddocks are sprayed using a rose spray on a 600 litre tank on the back of our tractor. AgriSea are also prepared to work with you to advise you how to get the best out of their products ///

**John & Joyce Stowall**  
Scotsburn Farm

## The Benefits of AgriSea Soil Nutrition include:

- Huge increase in your soil biology and 'voluntary army' (microbes and earthworms)
- Increased root length and mass (up to 175% thicker)
- Increased soil quality and fertility
- Improved soil structure (aeration, drainage, can withstand traffic)
- Deeper humus layer (nutrient storehouse of your soil)
- Locked minerals and nutrients in the soil become bio-available
- Increased clover content – stable nitrogen source (reduced need for solids)
- Less pugging and pulling
- Increased germination rates for cropping and regrassing
- Increased crop yield and pasture quality
- Farm holds longer and recovers quicker in drought

## Ease of Use

- Safe and non-toxic
- Spray or Spread – Boom, Rose, Jet, Chopper
- Compatible for use with other products
- Fine filtration ensures no clogged lines or spray nozzles

# AgriSea Pasture Nutrition

Pasture **quantity** is important in terms of stocking rates and feed, but it is the pasture **quality** that significantly impacts on your overall animal health, production and profitability.

AgriSea Pasture Nutrition is an efficient method of delivering an instant nutrient lift directly to your pasture - significantly lifting the quality and fibre of your pasture, crops and stored feed. Pasture Nutrition is also a valuable tool for by-passing root absorption problems (such as nutrient leaching and poor soil structure) and a well known 'stress reliever' for pasture when strained by weather extremes or pest and disease pressure.

AgriSea Pasture Nutrition provides a natural balance of nutrients in a form your pasture and animals can readily absorb and convert – maximising your pasture quality, palatability and yield.



// I've had the opportunity to re-graze blocks that would normally be left spelled...cattle have been following the ewes and our blocks are clean of tagg and have a strong green tinge to them. The brix levels in our pasture has hugely improved too... //

**Gerard & Leanne Johnson**  
Kuwor



// After our first application of AgriSea Soil and Pasture we've seen our pasture brix levels lift by, on average 1.5 units in 5 months, compared to the control. Visually, we've seen our worst paddock [AgriSea trial paddock] become obviously more palatable to our stock. Grazing our pasture has been very even, with seed head being eaten off as well //

**Norman Grant**  
Waipapa Stream Trust



// AgriSea prevents disease on crops, making the plants stronger and protects them against frost. Even though we've had a very wet season, we've got no disease on our crops... the only products we've used this year on our crops and pasture is AgriSea seaweed //

**John & Joyce Stowall**  
Scotsburn Farm

## The Benefits of AgriSea Pasture Nutrition include:

- Greener, healthier pasture and crops due to increased chlorophyll levels
- Significant lift in the fibre, protein and overall nutritional value of your pasture
- Increased DM yields
- Increased brix (natural sugars) levels in pasture
- Increased natural nitrogen fixation
- Increased palatability in pasture and stored feed
- Pasture more vigorous and durable in times of stress
- Increased pasture resistance to disease and pests
- Healthy stock due to high nutritional value of grass
- Nutritional lift for herd in periods of low light - spray ahead of cows in winter
- No chemical additives; no residues; no withholding

## Ease of Use

- Safe and non-toxic
- Spray or Spread – Boom, Rose, Jet, Chopper
- Compatible for use with other products
- Fine filtration ensures no clogged lines or spray nozzles



# AgriSea How To Guide

## Application Rates



**Soil Nutrition**  
5 litres per hectare



**Pasture Nutrition**  
5 litres per hectare



**Animal Health**  
Trough treat at 0.5mls per stock unit per day (maintenance) or drench as recommended by your Agrisea Field Consultant.

Please Note:  
These rates are intended as a guide only.  
Application and administration rates will be dependent on your current farming system, your specific farm needs and goals.

## Application Times

Optimum application times are early morning or late evening.

**Earth temp** – no lower than 6°C  
**Air temp** – no lower than 10°C

Please Note:  
Optimal application times are weather dependant.

## Application Methods



**Air Based Method:**  
Helicopter, Plane

**Air Based Application:**  
1 part AgriSea to 2 parts water  
(Optimum 1 to 3)



**Ground Based Method:**  
Tractor, Boom, Rose, Jet, Quad, C-Dax

**Ground Based Application:**  
1 part AgriSea to 30 parts water  
(Optimum 1 to 50)

Quad: 60 litre tank  
1 part AgriSea to 6 parts water

Please Note:  
Dilution rates will vary according to application method and speed of the vehicle.  
If unsure about application or dilution rates, ask your Area Field Consultant or phone 0800 BIOLOGY for technical assistance.

- ★ Fine filtration ensures no clogged lines, drench guns or spray nozzles
- ★ Compatible for use with other products



For your free, no obligation soil assessment, please contact your local AgriSea Field Agent or Customer Services on **0800 SEAWEED** who will arrange this for you.

Product Typical Analysis	Minerals and Trace Elements (mg/L - ppm)			
	Nitrogen 54.16	Phosphorus 32.28	Potassium 1650.91	Sulphur 207.83
	Calcium 74.84	Magnesium 157.6	Sodium 1187.63	Iron 1.04
	Copper 0.073	Manganese 0.67	Iodine 250.04	Molybdenum 0.01
Selenium 0.01	Zinc 0.86	Boron 2.854	Cobalt 0.07	
<b>Vitamins</b>				
Vitamin A, Vitamin C, Vitamin E, Folic Acid, Vitamins B1, B2, B3, B5, B12, Fucoxanthin, Choline				
<b>Amino Acids (µmol g dwt)</b>				
Aspartate 5.171	Histidine 0.548	Glutamate 0.747	Phenylalanine 0.717	
Asparagine 1.141	Proline 0.683	Glutamine 0.733	Alanine 3.974	
Serine 0.621	Arganine 0.583			
<b>Cytokinins &amp; Auxins</b>				
Trans-zeatin riboside, Trans zeatin, Indole Acetic Acid, Isopentenyladenosine, Isopentenyladenine				
<b>Phlorotannins 8-10% g dwt</b>		<b>Mannitol 3500 µmol g dwt</b>		

## Top Customer Service

Ours is a partnership – we're committed to assisting you to reduce production costs while maintaining high production, high yields and high profits.

We'll partner you with a highly trained Area Field Consultant along with specialist Advisors.

## Personal Guarantee

Our family stands behind our products. We promise to deliver high quality, effective products which will reduce your environmental footprint and add value to your farm.

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For more information or for your free, no obligation soil assessment please phone your Area Field Consultant or AgriSea Customer Services on 0800 SEAWEED.

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