




AgriSea
NEW ZEALAND

EQUINE NUTRITIONAL 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 Equine 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:

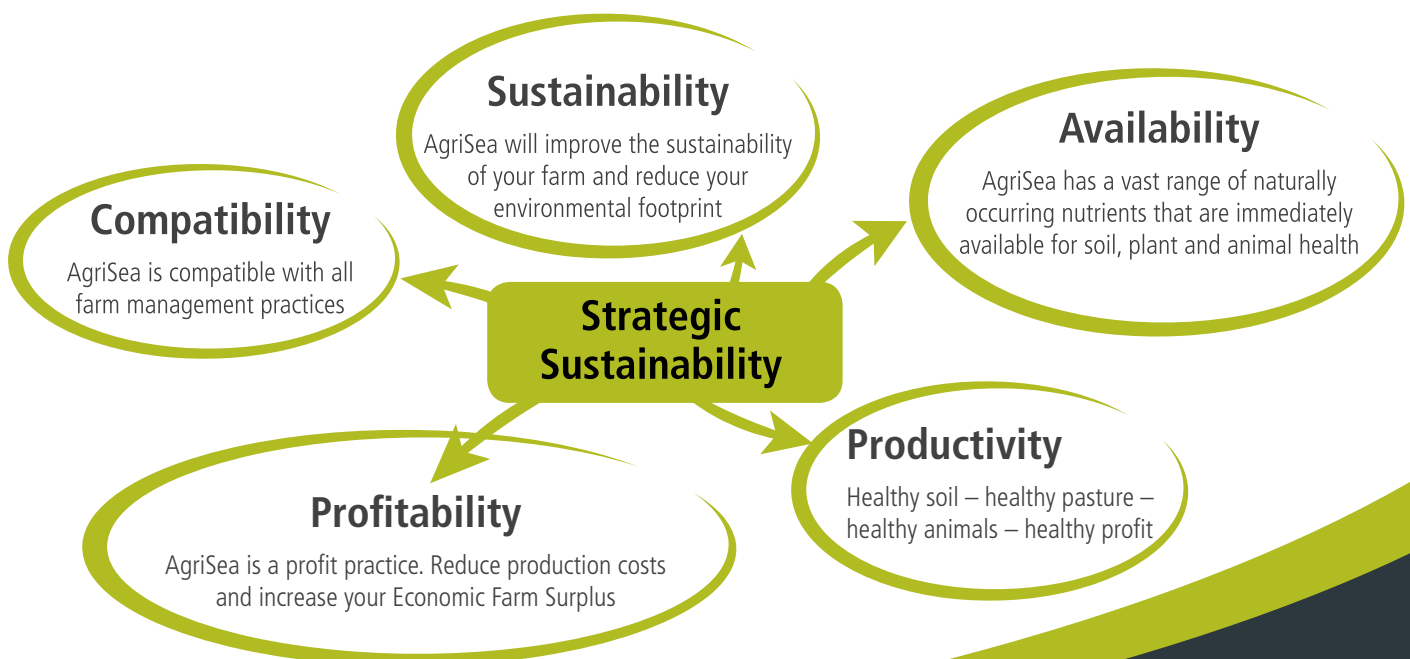

Soil
Nutrition




Pasture
Nutrition




Animal
Nutrition



AgriSea Soil Nutrition

A fertile productive soil is a biologically active soil in which large microbial populations flourish. Our focus on soil chemistry (NPK) has been to the detriment of the soil biology. Healthy soil is made up of thriving populations of millions of living soil organisms – ‘feeding the stock’ under the ground with high nutrition is vital for plant and animal health. Chemical fertilizers seriously impact on the soil microbial populations.

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.

Since using AgriSea Animal Tonic, we have noticed the horses coats have become shiny and healthy with real essence of colour. We believe animal tonic is a great base of seaweed, which offers a natural boost to the horses immune-system.



Also after using the soil nutrition the pasture looks healthy with excellent clover base and the rye grass tithering well. When digging into the top soil, the first thing you notice is the abundance and size of the worm population. The team at AgriSea have been extremely friendly to deal with and so supportive. Thankyou.

Jessica Woods
Little Valley Farm, Waikato

*Healthy soil - Healthy pasture
- Healthy animals*



AgriSea improves the soil biology and nutrient levels. It produces high quality feed and rejuvenates pasture 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
- Less pugging and pulling
- Increased germination rates for cropping and regrassing
- Increased crop yield and pasture quality
- Pasture 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. Pasture Nutrition is also a valuable tool for by-passing root absorption problems. 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 horses can readily absorb – maximising your pasture quality and palatability.



// Fleur De Lune, Group one winner and winner of over \$420,000 in stakes, can have much of her success attributed solely to AgriSea. Fleur receives AgriSea Animal Health Tonic daily and Cambridge Thoroughbred Lodge has been using AgriSea soil and pasture for over 3 years and have seen a dramatic improvement in pasture quality and overall animal health. //

Lee Somervell
Cambridge Thoroughbred Lodge - Trainer of Fleur De Lune



// We believe in good honest horsemanship; individual work programmes, attention to detail and providing the best supplements available. It is this that attracted us to AgriSea. AgriSea is a totally natural and supplies the vitamins and minerals needed to support health and well-being. This is particularly important when dealing with horses recovering from injury or coping with the stresses associated with racing and competition. //

Robyn Rogers
Kendayla Park, Cambridge



// AgriSea has been great for pepping up our tired pastures, and I have found the health tonic is great for improving your horses general health and well being. //

Nikki & Tracey Smith
Royston Equine, Hamilton

The Benefits of AgriSea Pasture Nutrition include:

- Greener, healthier pasture due to increased chlorophyll levels
- Significant lift in the fibre, protein and overall nutritional value of your pasture
- Increased palatability in pasture and stored feed
- Pasture more vigorous and durable in times of stress
- Increased pasture resistance to disease and pests
- Healthy horses due to high nutritional value of grass
- 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 Animal Nutrition

Clearance under the ACVM Act 1997

Most animal health problems are a direct result of nutritional deficiency including:
Staggers - Lameness - poor Cycling - Low conception rates - Retained Foetal
Membranes - Mastitis.

AgriSea Animal Nutrition provides a vast range of natural nutrients, minerals, vitamins
and trace elements that are immediately bio-available to your horses.



AgriSea Animal Health Tonic bolsters the immune system and prevents
a variety of health problems directly related to nutritional deficiency.
It increases resistance and recovery during periods of stress.

// AgriSea fore fills all of my team of horses supplementary requirements. It is extremely easy to
administer and has become a big key to my success. //

Jake Lambert Lambert Equestrian



// We are breeders of European Warmbloods and thoroughbreds. It is imperative that our horses have all their nutritional needs met on a daily basis.
This is important to allow them to grow and develop into the best individuals they can be. This is sometimes hard as the pasture, soils and feeds are often
lacking. We are home to broodmares and foals, right up to 4 year olds and we also pretrain racehorses. Often we receive horses that have been injured
and need to recover and rebuild their strength for a stressful life racing. We have been using your product daily for about two years now and the list
of benefits are long and include advanced healing of wounds, reduced nervousness and stress, appetite stimulant. Coats are shiny, increase in general
wellbeing and most of all it has greatly reduced the heat horses feel when the spring grass comes through. It is noteable that we have had no grass
staggers at all since we began with AgriSea. AgriSea is now the only mineral supplement we use. So once again thank you for the fantastic product. //

Claire Friedlander, Allander Acres, Raglan

// I have had my horses on AgriSea's animal health tonic for approximately 18 months
now and have noticed several positive changes: my old horses have not suffered any mud
fever since being on the tonic and my old mare who had previously suffered from a mild
but chronic skin condition has improved considerably. The other pleasing result I had was
with my 4 yr old thoroughbred; she had been on AgriSea and no other supplements when
I had bloods done and everything came back in the normal range, this was an excellent
result and comforting to know that she is receiving everything she needs.

I would recommend AgriSea's Animal Health Tonic for horses of all breeds and
disciplines. //

Julie Chamberlain Equine Therapist, Owner and
breeder

The Benefits of AgriSea Animal Nutrition include:

- Dramatically improved performance
- Optimise and improve overall health
- Aids with metabolic problems
- Improved feed conversion, Stimulated appetite.
- Greater resilience during times of stress
- Improved hoof health
- Improved weight gains
- Enormous cost savings with health supplements
- Reduced nervousness
- Helps with grass staggers

Ease of Use

- Add to water troughs
- Can be used in conjunction with other oral products
- Always allow access to clean fresh water



AgriSea

How To Guide

Animal Health



Maintenance Ponies 10-15mls per day - hacks 20 -25mls per day.

Light work - dressage, pony club, hacking/ trekking - 30mls per day.

Medium work - show jumping 40mls per day.

Heavy work - racing, endurance, eventing 60mls per day.

Pre travel or pre event - 30 mls.

Illness - to aid in healing and health - 60 mls.

Animal health tonic can be added to feed or syringed directly into mouth.

Clean fresh water must always be available.

Adjust intake for heavier or lighter horses. These rates are intended as a guide only.

Application Rates



Soil Nutrition
5 litres per hectare



Pasture Nutrition
5 litres per hectare

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

Application Methods



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



Air Based Method:

Helicopter, Plane

Air Based Application:

1 part AgriSea to 2 parts water (Optimum 1 to 3)

Application Times

Optimum application times are early morning or late evening, and are weather dependant.

Earth temp — no lower than 6°C

Air temp — no lower than 10°C

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.



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
Calcium 74.84
Copper 0.073
Selenium 0.01

Phosphorus 32.28
Magnesium 157.6
Manganese 0.67
Zinc 0.86

Potassium 1650.91
Sodium 1187.63
Iodine 250.04
Boron 2.854

Sulphur 207.83
Iron 1.04
Molybdenum 0.01
Cobalt 0.07

Vitamins

Vitamin A, Vitamin C, Vitamin E, Folic Acid, Vitamins B1, B2, B3, B5, B12, Fucoxanthin, Choline

Amino Acids (μmol g dwt)

Aspartate 5.171
Asparagine 1.141
Serine 0.621

Histidine 0.548
Proline 0.683
Arginine 0.583

Glutamate 0.747
Glutamine 0.733

Phenylalanine 0.717
Alanine 3.974

Cytokinins & Auxins

Trans-zeatin riboside, Trans zeatin, Indole Acetic Acid, Isopentenyladenosine, Isopentenyladenine

Phlorotannins 8-10% g dwt

Mannitol 3500 μmol g dwt

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.

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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