

Seasol[®]

a better way to grow



**Commercial
Range**



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Seasol International Pty Ltd

About Us

At Seasol we are in the business of growing and nurturing! And not just plants, but strong communities, a happy healthy workplace and a sustainable environment.

We think everyone should have the opportunity to enjoy some kind of garden or grow their own food and to do it naturally.

We want every kid to get their hands dirty and discover that tomatoes don't grow in the supermarket.

We are about working with our end user customers to improve both plant and soil health sustainably for greater bottom line profitability.

Our products have been used successfully across a wide variety of crops for over 40 years and we are committed to proving our own company tag line, **Seasol** is "a better way to grow."



What We Do

We manufacture and market organic liquid seaweed and environmentally friendly fertilisers in the home garden, commercial and export sector.



Seasol International Pty Ltd

Seasol Today

Seasol International started as 100% Australian made and owned in 1974, and we are proud to say that over 40 years later, we are still a 100% family owned Australian business, and have refined and improved both our manufacturing process and capacity, ensuring continuous, high quality output.

We control all aspects of our product supply, from the source of the kelp, to the volume required to meet demand, regardless as to whether it is a run of 5 or 20 litres all the way up to multiple IBCs.

Because all the bottling is done in house, our plant can change packing schedules rapidly to minimise potential out of stocks caused by increased demand.

Due to the heavy investment in our Tasmanian infrastructure, we are able to deal with the increased volumes coming from our Commercial Division, as well as the exciting growth being achieved in Export, particularly in the USA.



Our Environment

Seasol has been manufacturing and marketing organic and environmentally friendly products for over 40 years.

Our growing range of plant tonics, fertilisers, soil conditioners and water saving products are designed to help keep gardens green and beautiful, and farms more productive and sustainable.

Seasol Commercial Seaweed Concentrate is derived from a blend of the finest brown kelps from around the world. King Island Bull Kelp (*Durvillaea potatorum*) Chile Bull Kelp (*Durvillaea antarctica*) and Knotted Kelp (*Ascophyllum nodosum*) from the North Atlantic Ocean.

All kelps are either storm cast in the case of the Bull Kelps, or sustainably harvested which is the method used with the Knotted Kelps, whereby the kelp is effectively mowed, trimming only the top portion of the plant, which like pruning encourages rapid re-growth.

Seasol is Certified as an allowed organic input by Australian Organic Ltd, in New Zealand by BioGrow, in Europe through Organic Farmers and Growers, and in the USA by Omri.

Seasol Research and Development

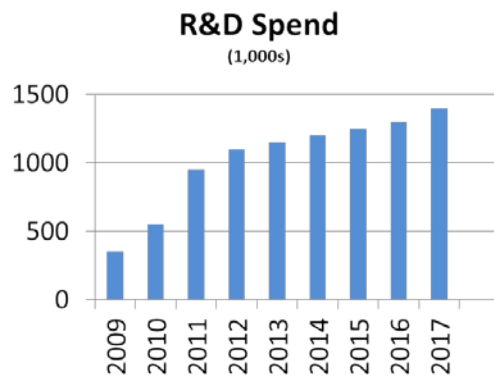
R & D in the beginning

The Seasol R&D program really moved into top gear when, in 2010, our Managing Director, Lisa Boyd, realised part of her overall dream in attempting to change the way we grow our food, by appointing Dr Tony Arioli as head of our R&D Division.

Lisa always believed that we could grow food better and more sustainably with Seasol, and then via a bold R&D plan and budget, she and Tony embarked on the road to prove it.



Seasol R & D commitment



Over the past 10 years, Seasol has spent in excess of \$10m in R&D, working with a range of growers, research bodies and varied crop types to prove the benefits of seaweeds and associated organic products.

As with all research this has been a steep learning curve with some unexplained outcomes, a number of interesting side discoveries, and some fantastic successes.

That is the very nature of an R&D program, and it is the lessons we learn in the laboratory, greenhouse and field which assist all of us in getting closer to a more sustainable and profitable food producing future.

Seasol R & D goals and findings

The major findings from the R&D investment over the years involves proven increases in yield, enhanced crop quality, longer shelf life, and better resistance to the extremes of our Aussie climate.

Most of the projects undertaken are over a three to four year period to ensure the trial data is statistically relevant, however in studies such as the root growth assays we can achieve a very positive outcome in 3 weeks.



The 6 members of the R&D team are not only involved with crop trials, they also work closely with the Seasol sales teams in product development and production processes.

Seasol Patent

Last year Seasol was granted an Australian Patent for **Seasol plus Calcium**. Seaweeds and calcium are very difficult to mix and remain stable, however the R&D team were able to formulate a product which overcame these difficulties and at the same time became the first ever Seasol patent.

Please see the **Seasol plus Calcium** product page for more information.

Seasol's Value Chain



**RESEARCH
& DEVELOPMENT**

PRODUCTION



**BOTTLING
& CUSTOM BLENDING**

**WAREHOUSING &
DISTRIBUTION**



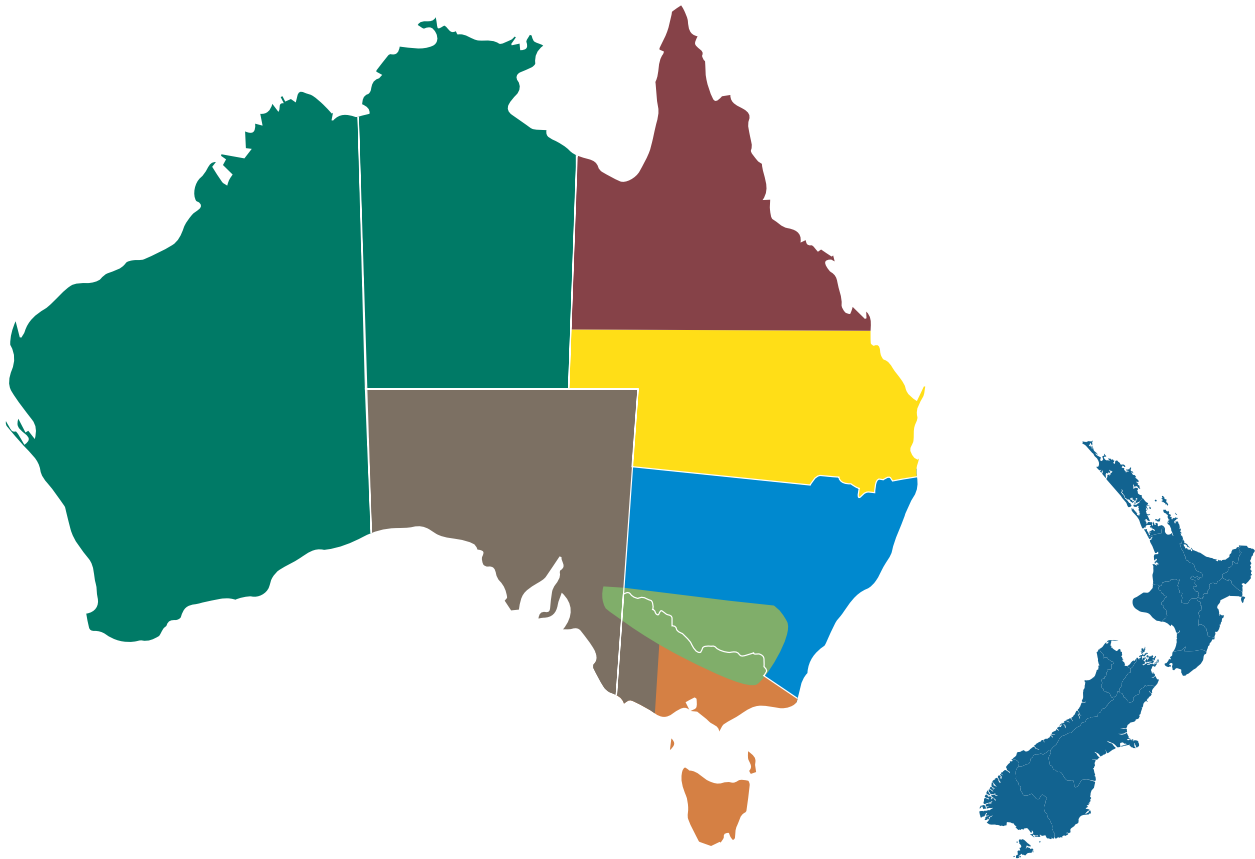
**MAJOR AGRICULTURAL
SUPPLIERS**



END USER



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Seasol

Product Details



Seasol is a 100% liquid seaweed plant conditioner that provides a synergistic range of natural compounds, trace elements, alginates and carbohydrates from a blend of brown kelps.

Available in: 5, 20, 200 & 1,000 litres



Features & Benefits

- ✓ Aids plant establishment and reduces transplant shock
- ✓ Stimulates root growth and enhances flowering
- ✓ Enhances soil microbial activity
- ✓ Increases tolerance to adverse environmental conditions

How it works

Throughout history seaweed and its effect on plant growth has been well documented. **Seasol** is a complete plant health treatment that contains a synergistic range of natural compounds, trace elements, alginates and other bio-active compounds that help to promote healthy roots, encourage beneficial soil micro-organisms, stimulate flowering and fruiting and help plants to cope with heat, drought and cold stress.

How to use it

Application methods & rates:

* Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L /ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L /ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	

General information

Please refer to our website at www.seasol.com.au/commercial-farming/products/seasol-commercial under the "how to use it" tab to check the compatibility of chemicals before mixing. **Seasol** products should be used within 24 hours of being diluted.

The Magic of Seasol

Seasol is a concentrated blend of quality helps providing a range of benefits to all plants. In particular it stimulates root production.

The two tomato seedlings had their roots trimmed, one was placed in water and the other in a 400 to 1 solution of **Seasol**.

Amazing results in just 14 days.



General Crop Information

Fitting SEASOL into production

Seasol is an easy and versatile product that will fit into any farming application. It can be applied in a variety of ways:

- ✓ for orchards and vines through foliar, drip and sprinkler systems.
- ✓ for vegetable crops via drip, sprinkler and overhead systems.
- ✓ for pastures via boom spray or irrigation systems.
- ✓ for small applications through a handspray or knapsnap.

Seasol can help through all stages of farm production

- ✓ planting and transplanting to help with transplant shock and root growth for fast establishment of orchards and crops.
- ✓ flowering to help with increased quality and quantity.
- ✓ increases drought tolerance by helping to protect plants against water loss.
- ✓ increases frost tolerance by helping to reduce the temperature at which the cell wall freezes.
- ✓ dipping or drenching of seedlings prior to planting.

For detailed information on specific crops or to watch the Seasol root assay go to www.seasol.com.au/commercial-farming.



Seasol plus Calcium

Product Details



Seasol plus Calcium is a Patented calcium fortified Seasol concentrate. This product has all the benefits of Seasol, with calcium for improving cell-wall integrity in developing fruit and leaves.

Available in: 20, 200 & 1,000 litres

Features & Benefits

- ✓ Unique patented formulation
- ✓ Maximises the benefits of Seasol
- ✓ Improves root growth, stress tolerance, yield and fruit quality

How it works

Seasol plus Calcium has unique benefits for improving cell wall integrity in developing fruit and leaves. Only a relatively small amount of calcium is required, as it is effectively taken up and is supported by a stimulus to plant health.

How to use it

Seasol plus Calcium applied at 5-10 L/ha as a foliar spray 2-3 times between fruit-set and mid-ripening helps ensure optimum fruit sizing and storage quality.

Seasol plus Calcium is 100% soluble and can be applied either to the soil or the foliage. It is suitable for application by conventional spray equipment including air blast sprayers, multi row sprayers, boom sprays or fertigation equipment. Best practice requires that application be avoided under extreme weather conditions.

Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L /ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L /ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	



Seasol plus Iron

Product Details



Seasol plus Iron is a superior combination of Australia's finest seaweed concentrate and chelated iron. It has all the benefits of Seasol, with a maintenance dose of iron to help in preventing or overcoming chlorosis. Seasol plus Iron applied regularly improves growth and maintains a plants iron requirements to maximise its productive potential.

Available in: 20 & 1,000 litres

Features & Benefits

- ✓ Promotes plant growth, fruit-set and flowering
- ✓ Helps to prevent and overcome iron-induced chlorosis in plants
- ✓ Stimulates root growth and improves plant establishment
- ✓ Increases tolerance to adverse environmental conditions

How it works

Only a relatively small amount of iron is needed, but this is critical for proper plant metabolism, affecting chlorophyll formation, photosynthesis and respiration in a plant.

How to use it

Use **Seasol plus Iron** as either a soil application or foliar spray. It is especially useful at important stages in plant development, such as germination, transplant, flowering, fruit-set or at any time when the plant is growing rapidly. For perennial tree and vine crops, a post-harvest application is also recommended.

Seasol plus Iron is suitable for application by conventional spray equipment including air blast sprayers, multi row sprayers, boom sprays or fertigation equipment. For plants that are hard to wet, include a non-ionic wetting agent. Best practice requires that application be avoided under extreme weather conditions.



Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L/ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L/ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	

Seasol plus

Product Details



Seasol plus is a unique blend of Seasol with added Fish, Humate and Urea. It is a bio-positive material providing a balance of animal and plant derived compounds. This makes it an easy “all in one” product that benefits both the plant and the soil.

Available in: 5, 20, 200 & 1,000 litres

Typical Analysis

W/V: Nitrogen(N) 5.9%, Phosphorous(P) 0.1%, Potassium(K) 2.6%

Features & Benefits

- ✓ Improves soil structure and soil microbial activity.
- ✓ Stimulates root growth and increases flowering.
- ✓ Aids plant establishment and reduces transplant shock.
- ✓ Provides essential trace elements for plant health .

How it works

The unique blend of kelp, fish and humate in **Seasol plus** helps improve both the structure and biological activity of the soil. For best results it should be used to complement the benefits of a balanced fertiliser program, by stimulating soil microbial activity, enhancing plant nutrient uptake and improving soil structure. It is used when plant stimulation, soil conditioning and a little extra nitrogen is required. **Seasol plus** achieves the best results when used as part of a nutritional program.

How to use it

Seasol plus is designed for use as a soil application via boom spray or irrigation. It is especially useful for soil improvement programs, during seed bed preparation, pasture renovation or when watering seedlings in after transplanting.

Seasol plus is suitable for application by conventional spray equipment including air blast sprayers, multi row sprayers, boom sprays or fertigation equipment. For plants that are hard to wet, include a non-ionic wetting agent. Best practice requires that application be avoided under extreme weather conditions.

Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L/ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L/ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	



Seasol plus PowerFeed

Product Details



Seasol plus PowerFeed is a blend of these two highly effective products, developed for boosting both plant growth and soil biology.

Available in: 20, 200 & 1,000 litres

Typical Analysis

W/V: Nitrogen(N) 9.4%, Phosphorous(P) 1.1%, Potassium(K) 6.2%

Features & Benefits

- ✓ Promotes vigorous plant growth.
- ✓ Stimulates root growth and enhances flowering.
- ✓ Increases tolerance to heat, drought and frost.
- ✓ Stimulates beneficial soil microbial activity.

How it works

Seasol plus PowerFeed provides a broad range of both animal and plant derived material and is used to extend both the plant stimulus and soil conditioning benefits of Seasol for rapid crop establishment and vigorous recovery after an environmental stress event.

How to use it

Seasol plus PowerFeed applied at 5-10 L/ha as a foliar spray 2-3 times:

- ✓ Between bud swell or bud-burst for improved early season vigour.
- ✓ At veraison or mid-ripening for improved fruit-fill.
- ✓ Immediately after post-harvest to help prepare trees and vines for the following season.

Seasol plus PowerFeed is 100% soluble and can be applied either to the soil or the foliage. It is suitable for application by conventional spray equipment including air blast sprayers, multi row sprayers, boom sprays or fertigation equipment. Best practice requires that application be avoided under extreme weather conditions. 10L/ha is equivalent to 5L/ha each of Seasol and PowerFeed.



Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L/ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L/ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	

PastureMasta

Product Details



PastureMasta is a blend of Seasol with fish, liquid humate and added nitrogen, developed specifically for optimum effectiveness on pasture.

Available in: 20, 200 & 1,000 litres

Typical Analysis

W/V: Nitrogen(N) 9.4%, Phosphorous(P) 1.1%, Potassium(K) 6.2%

Features & Benefits

- ✓ Improves pasture regrowth and palatability
- ✓ Increases pasture growth in early Autumn and late Spring
- ✓ Enhances pasture nutrition with essential trace elements
- ✓ Boosts soil biological activity

How it works

The specialised blend of kelp, fish and humate in **PastureMasta** helps improve both the structure and biological activity of the soil. It also directly stimulates pasture growth and this is supported by the added nitrogen. It provides a broad range of both animal and plant derived materials and is used to extend both the plant stimulus and soil conditioning benefits of Seasol for rapid establishment of new pasture or re-growth after grazing.

Grower feedback also indicates that regular use can produce an extension of the available growing season with a somewhat earlier start in autumn and continuation of growth a bit longer into the drier end of spring.

How to use it

Using **PastureMasta** is simply a matter of spraying it onto the pasture after sowing or grazing. For irrigated pasture, see our website for notes on application through travelling or pivot irrigators. **PastureMasta** is best used in conjunction with an existing fertiliser program to maximise the effectiveness of the fertiliser. **PastureMasta** is non-toxic and so may be applied to one part of the paddock while stock are grazing in another. Best practice requires that application be avoided under extreme weather conditions.



Application methods & rates:

* Filtration : 150 Micron

Method	Notes	Rates
Boom sprays, Travelling or Pivot Irrigation	Use higher rates for lighter soils	5-10L/ha

PowerFeed

Product Details



PowerFeed is a fortified fish fertiliser, that is blended with liquid humus to produce a highly efficient complementary liquid feed with dual action benefits for plant growth and soil condition.

Available in: 5, 20, 200 & 1,000 litres

Typical Analysis

W/V: Nitrogen(N) 14.0%, Phosphorous(P) 1.4%, Potassium(K) 8.0%

Features & Benefits

- ✓ Contains essential nutrients and soil conditioners
- ✓ Promotes vigorous growth and enhances colour
- ✓ Stimulates beneficial soil microbial activity
- ✓ Increases plant nutrient uptake and reduces leaching

How it works

PowerFeed is an all-purpose plant fertiliser that supports the growth and activity of biological communities in the soil. It provides both immediate and extended nutrient availability, together with ongoing benefits for improved soil structure and biological activity.

How to use it

PowerFeed is best used in conjunction with an existing fertiliser program to maximise the effectiveness of the fertiliser. For optimum effectiveness it should be applied every 2-3 weeks from transplanting or the commencement of active growth. It is suitable for use as a soil application via boom spray or irrigation, or as a foliar spray.

PowerFeed is 100% soluble and can be applied either to the soil or the foliage. It is suitable for application by conventional spray equipment including air blast sprayers, multi row sprayers, boom sprays or fertigation equipment. Best practice requires that application be avoided under extreme weather conditions.



Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L /ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L /ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	

PowerFish

Product Details



PowerFish is a premium 100% fish extract organic fertiliser that provides a range of macro and micro nutrients, amino acids, proteins and vitamins. It also helps support the activity of beneficial bacteria and fungi in healthy soils. With regular applications soil structure improves and plants become healthier.

Available in: 20 & 1,000 litres

Typical Analysis
W /V: Nitrogen(N) 2.8%,
 Phosphorous(P) 0.6%,
 Potassium(K) 3.4%



Features & Benefits

- ✓ Promotes shoot growth and increases plant root mass
- ✓ Stimulates beneficial microbial activity in all soils
- ✓ Plant available and totally soluble nutrients
- ✓ Revitalises the soil with a range of natural nutrients, vitamins, proteins and amino acids

How it works

PowerFish is an organic fish fertiliser that is suitable for all soils and plants including pastures, crops, ornamentals and vegetables. It is manufactured from Australian fish using a unique manufacturing process that ensures the maximum amount of natural nutrients, vitamins, proteins and amino acids are extracted from the fish. **PowerFish** is especially valuable for stimulating biological activity (both in the soil as well as on the leaves and other plant surfaces) that promotes soil microbe activity.

How to use it

PowerFish should be used in conjunction with an existing fertiliser program. It is 100% soluble and can be applied to either the soil or foliage. For optimum effectiveness **PowerFish** should be applied 2-3 weeks after transplanting or the commencement of growth &/or before other fertiliser. This product should never be applied undiluted and once diluted should be used within 24 hours. It is suitable for applications with any conventional spray equipment including boom-sprays or irrigation equipment.

Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L /ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L /ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	



Liquid Organic Humate

Product Details



Liquid Organic Humate is a specialised soil treatment for improving soil structure and plant nutrient availability. These benefits help support vigorous plant growth and promote soil microbial activity

Available in: 20, 200 & 1,000 litres



Features & Benefits

- ✓ Improves soil structure and moisture retention
- ✓ Stimulates soil microbial activity
- ✓ Improves soil carbon levels
- ✓ Increases plant nutrient uptake and reduces leaching

How it works

When **Liquid Organic Humate** is applied to the soil it helps release bound nutrients, providing on going benefit to plants. In sandy soils it also helps reduce nutrient leaching. Humate also assists the development of improved friability in clay soils and soil moisture retention in sandy soils.

How to use it

Using **Liquid Organic Humate** is simply a matter of spraying it onto the soil after cultivation or bed-forming to repair and protect the damage that cultivation causes to soil structure and function. It is best used in conjunction with an existing fertiliser program to maximise the effectiveness of the fertiliser.

For optimum effectiveness **Liquid Organic Humate** should be applied prior to planting, after cultivation and bed-forming is completed. It is suitable for use as a soil application via boom spray or irrigation. It is especially useful for soil or seed-bed preparation, or as an additive to liquid feeds. The product is suitable for application by boom spray, irrigation or fertigation equipment.



Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Foliar sprays and boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L/ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L/ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	

Humate plus

Product Details



Humate plus is a highly refined liquid Humate based soil conditioner with added fish, seaweed and Nitrogen.

Available in: 20, 200 & 1,000 litres

Typical Analysis

W/V: Nitrogen(N) 2.4%, Phosphorous(P) 0.1%, Potassium(K) 2.5%

Features & Benefits

- ✓ Improves soil structure and moisture retention
- ✓ Boosts root growth
- ✓ Improves soil biology
- ✓ Stimulates plant growth

How it works

Humates are natural chelating agents and form strong bonds with calcium and iron, as well as bonding with soil particles to help improve structure and moisture retention. Fish and seaweed also aid soil improvement by stimulating the growth and activity of a broad range of soil fungi and bacteria.

How to use it

Using **Humate plus** is simply a matter of spraying it onto the soil after cultivation or bed-forming to repair and protect the damage that cultivation causes to soil structure and function.

Humate plus is best used in conjunction with an existing fertiliser program to maximise the effectiveness of the fertiliser. For optimum effectiveness it should be applied prior to planting, after cultivation and bed-forming is completed.

Humate plus is suitable for application with any conventional spray equipment including boom sprays or fertigation equipment.

Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Boom sprays	For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add	5-10L /ha
Overhead sprinklers, travelling or pivot irrigators Drip or micro irrigation systems Under tree sprinklers	Use higher rates for lighter soils and lower rates on heavier soils	5-10L /ha
Small volume applications	3-5mL per litre in hand sprayers and knapsacks 20mL to 50mL per 9 litre watering can	



Soil Wetter

Product Details



Earthcare Soil Wetter is a blend of an environmentally safe soil wetter, with liquid humates for longer lasting soil improvement. Soil Wetter remains active for several months (depending on weather conditions), but regular applications will aid in progressive soil improvement.

Available in: 5, 20, 200 & 1,000 litres

Features & Benefits

- ✓ Improves water penetration in soils
- ✓ Increases water-use efficiency
- ✓ Maximises nutrient uptake
- ✓ Can be used in conjunction with other Seasol products

How it works

Soil Wetter is an effective solution to water repellence in dry soils, making them easier to re-wet and so increasing water-use efficiency from either rainfall or irrigation. Its unique formulation ensures quicker wetting and re-wetting of hydrophobic soils as well as long term soil conditioning and improved water holding benefits.

Soil Wetter works by breaking the surface tension created in hydrophobic soils and allows water to penetrate the soil, preventing run-off and increasing water-use efficiency. This also helps improve the soil water-holding capacity.

How to use it

Using **Soil Wetter** is simply a matter of spraying it onto the soil after cultivation or bed-forming to prepare the surface so that moisture from either rainfall or irrigation is readily absorbed. It is also highly effective when applied via spray or drip irrigation. It is not intended for foliar application, additional irrigation is advisable for any application that covers turf or foliage. For optimum effectiveness **Soil Wetter** should be applied prior to planting, after cultivation and bed-forming is completed. It is suitable for application with any conventional spray equipment including boom-sprays or irrigation equipment.

Application methods & rates:

Filtration : 150 Micron

Method	Notes	Rates
Boom sprayers & Under tree sprinklers Drip or micro irrigation systems	Use higher rates for lighter soils and lower rates on heavier soils	5-10L/ha
Small volume applications	80mL per 9 litre watering can	



Planting Gel

Product Details



Earthcare Planting Gel delivers a scientifically formulated blend of Seasol and power-fish from semi-hydrated water crystals, directly into the root zone of plants & turf to increase survival rates after transplanting.

Available in: 10kg

Features & Benefits

- ✓ Stimulates plant growth
- ✓ Promotes vigorous root development
- ✓ Saves water
- ✓ Maintains root zone moisture for 3-5 years

How it works

Planting Gel is a combination of semi-hydrated water storing crystals boosted with Seasol and essential nutrients. They store water and nutrients within the root zone, where the plant needs them most. The added Seasol promotes good root development and improved plant performance. Once placed in the root zone the Gel slowly releases moisture and nutrients, stimulating root growth reducing transplant shock and assisting plant establishment.

With an effective life of up to 5 years in the soil the hydrogel constantly recharges itself, ensuring an ongoing supply of moisture and nutrients on demand to all types of plants & turf.

How to use it

Planting Gel can be placed directly into the planting hole or incorporated into the backfill surrounding the root ball; under turf or simply broadcast over the top of the prepared planting surface.

Application methods & rates:

Plant Size	Amount of Gel per plant	No. of Plants per 10kg Bucket
Tubes	¼ scoop / 5 grams gel	2000
140mm	½ scoop / 10 grams gel	1000
200mm	1 scoop / 20 grams gel	500
300mm	1½ scoops / 30 grams gel	333
400mm	2 scoops / 40 grams gel	250
500mm	2½ scoops / 50 grams	200
Larger Plants	1 scoop into planting hole. Incorporate extra scoops into the backfill (1 scoop per 20 litres of backfill)	
Under Turf	1 scoop per square metre of prepared surface	10kg bucket covers 500 m2



Water Crystals

Product Details



Earthcare Water Crystals, when incorporated into a soil or potting media, absorb and retain large quantities of water and water-soluble nutrients. Unlike most products that become hydrated, Water Crystals are able to release the absorbed water and nutrients, thereby allowing the plant to have water and nutrients available as needed.

Available in: 10 & 25kg

Features & Benefits

- ✓ Saves water
- ✓ Aids plant establishment
- ✓ Improves transplant survival rates
- ✓ Lasts up to 5 years in the soil

How it works

Water Crystals are made of super absorbent anionic polyacrylamide that is insoluble in water. However, they have the ability to absorb up to 500 times their weight in water with 95% of this water and nutrient being readily released again for the plant to take up as needed. The crystals rehydrate with any rain or irrigation and remain effective for up to 5 years.

How to use it

Water Crystals can be placed directly into the planting hole or incorporated into the backfill surrounding the root ball; under turf or simply broadcast over the top of the prepared planting surface.

NB: Follow application rates as overdosing can lead to plants being pushed out of the ground.



Application methods & rates:

Plant Type	Amount
Tree Planting	5 grams per 5 litres of backfill mixed through loose soil
Garden Beds	25 grams per square metre mixed through the soil
Pots & Containers	10 grams per 10 litres of potting mix
Potting Mix	750 grams per cubic metre of peat /bark based mix
Turf	10-20 grams per square metre spread evenly over a prepared surface

Pristine

Product Details



Pristine is a natural seaweed livestock feed supplement containing a range of macro and micro nutrients, carbohydrates, proteins, vitamins and amino acids supporting optimal livestock health.

Available in: 20kg & 1 tonne bulker bags

Features & Benefits

- ✓ Natural seaweed livestock feed supplement.
- ✓ Contains macro & micro nutrients, carbohydrates, proteins, vitamins and amino acids.
- ✓ Works naturally by filling in micro-nutrient deficiencies.
- ✓ Assists in aiding animal health by improving digestion and nutrient absorption.

How it works

Seaweed supplements assist animal health by improving digestion, nutrient absorption and optimising feed conversion rates for improved fertility and growth.

How to use it

Apply to the animal's feed as per the following rates:

Feeding Rates:

Animal	Amount per day
Dairy & beef cattle	14g per 100kg body weight
Heifers & calves	14g per 100kg body weight
Sheep & goats	7g per 20kg body weight
Horses	2g per day
Dogs	2.5 to 5g depending on size
Chickens	1% of grain/dry matter intake

Typical analysis: *Ascophyllum nodosum*

	Average %
Moisture	9.0
Protein	8.5
Crude Fibre	4.0
Total Ash (minerals)	29.0
Fat	2.0
Carbohydrates	47.5

Typical Analysis

Typical Analysis:

Macronutrients	%	Micronutrients	PPM
Calcium	2.1	Aluminium	289
Chlorine	6.5	Boron	98
Potassium	2.7	Cobalt	4
Magnesium	0.85	Chromium	0.8
Nitrogen	1.4	Copper	4
Sodium	4.0	Iron	622
Phosphorus	0.3	Iodine	780
Sulphur	2.8	Manganese	60
		Molybdenum	2
		Selenium	0.5
		Zinc	12

Amino Acids (% of total amino acids)

Chemical	%	Chemical	%
Alanine	5.52	Lysine	4.24
Arginine	5.47	Methionine	1.07
Aspartic Acid	9.88	Phenylalanine	3.54
Cystine	1.49	Proline	3.71
Glycine	5.70	Serine	4.92
Glutamic Acid	12.03	Threonine	4.60
Histidine	1.29	Tryptophan	1.68
Isoleucine	3.26	Tyrosine	3.52
Leucine	5.63	Valine	3.51

Seasol Custom Blend

Product Details



Because we are manufacturers and have collective expertise across the many facets of liquid inputs, we are able to utilise our facilities to custom blend compatible products.

Available in: Minimum order 10,000 litres

Features & Benefits

- ✓ We can tailor make a formula to your requirements.
- ✓ Create a unique nutrient blend for your specific needs.
- ✓ All the benefits of Seasol customised to suit your crop.
- ✓ Your unique formula is available when you need it.

How it works

In order for us to supply a custom blend, all we need is the following:

- ✓ The product to be blended with **Seasol** is compatible and stable – this is something our laboratory can identify
- ✓ Minimum order quantity is 10,000 litres
- ✓ Pricing will be quoted after compatibility / stability measures are done.
- ✓ Minimum 4 weeks lead time required

We will keep your **Custom Blend** details on file for all future orders.

How to use it

Discuss your specific requirements with one of our sales team today and perhaps a **Seasol Custom Blend** is just what you have been looking for.



Application methods & rates:

Application rates for your Seasol Custom Blend will be done in consultation with your Seasol Regional Sales Manager.

Seasol[®]

a better way to grow



View and download online

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