

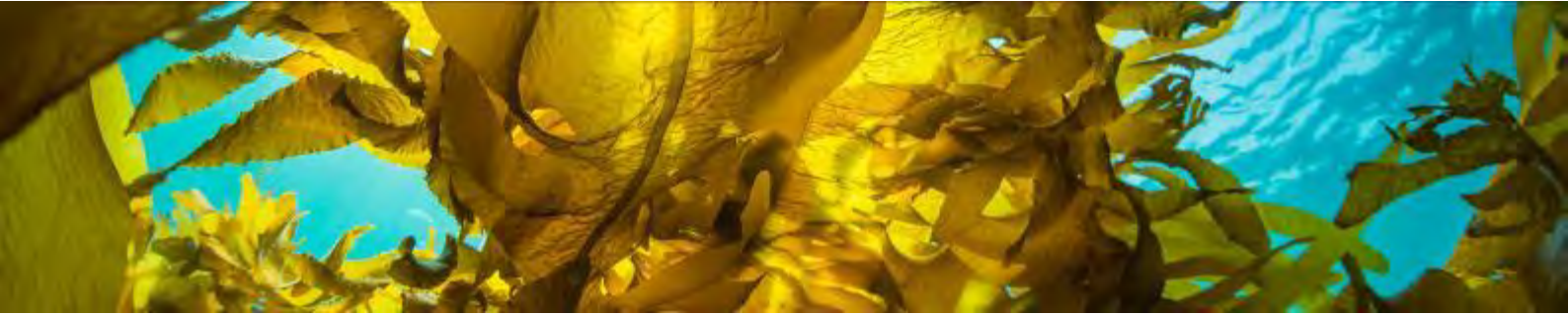
HYDRA

SeaGrow

Seaweed Extract Concentrate



HYDRA®



Features & Advantages

- Organic seaweed liquid fertiliser concentrate
- Organic seaweed contains anti-stress compounds
- Enhances strong, healthy growth
- Encourages growth within plants, lawns, vegetable patches and crops
- Improves natural plant health
- Builds environmental stress resistance
- Improves plant and soil health

Description

Hydra SeaGrow is an organic seaweed liquid fertiliser designed to enhance and encourage growth of plants with the natural goodness of seaweed.

Our organic seaweed extract concentrate improves the biological activity within soil, to improve strength and resilience within plants, flowers, shrubs, trees, fruit, vegetables, herbs, lawns, and crops grown within homes, gardens, and allotments.

The seaweed used within Hydra SeaGrow is naturally grown in the wild, within the Atlantic Ocean, and has nothing added to it within it's growing season, so can be classified as 100% organic seaweed.

Seaweed, otherwise known as Ascophyllum Nodosum, contains anti-stress compounds and has evolved to be resilient within it's natural environment that is constantly changing. Therefore, this natural formula within the seaweed extract will foster and transfer this technology onto the biomatter it is applied to, when used as a seaweed fertiliser, building a resistance against the environmental stresses it encounters.

What is a liquid seaweed fertiliser

It is simply as it suggests; a fertiliser that has been created from natural seaweed sources. When seaweed is harvested, the seawater is rinsed away and the seaweed can decompose/ferment in water, until it is broken down into a slurry or liquid.

Many types of seaweed and seaweed extracts have been used for years in commercial crop productions, due to their positive effect on yield and plant growth.

As many people around the world are trying to become more sustainable and do their bit for the environment, products such as this are becoming more popular both commercially and within homes, to meet plant demands.

As seaweed is a natural by-product, they are also known as biofertilizer or bio-stimulants and offer more benefits than conventional fertilisers on the market.



Bio-Stimulants explained

In agriculture, the term bio-stimulant is defined as 'materials, other than fertilisers that promote plant growth when applied in small quantities'. Meaning bio-stimulants are a natural product, besides fertilisers, that can help plants grow stronger and healthier.

Since then, the volume of awareness of the impacts traditional fertilisers have on the environment and the benefits of using sustainable practices and products have on environment, meaning people are now opting for responsible options avoid the depletion of natural resources and to aid long-term environmental quality.



The Benefits

There are many beneficial differences between seaweed fertilisation products and the traditional fertilisers.

Although seaweed itself contains fewer amounts of nutrients, it does however have many other benefits that are not seen within the application of traditional fertilisers, plus, the production method of seaweed has a greater environmental benefit over traditional fertilisers.

Sustainability – Firstly, seaweed is a renewable source that can and is effortlessly harvested. This means that there is no environmental damage within the harvesting methods, as seaweed is a renewable source that can easily be harvested within its many ocean locations.

Plus, fermenting seaweed is a natural process that does not involve chemicals or other processes, meaning no harmful chemicals to dispose of or any greenhouse gases emitted during the manufacturing process.

100% Organic – As seaweed is a natural product with no chemicals added to growth stage, seaweed fertilisers are certified as organic.

Increased nutrient uptake – All the nutrients found within seaweed can be quickly absorbed by plants, thanks to the manufacturing process, which isn't the case for other fertilisers. Additionally, some fertilisers can only be applied via soil applications, whereas seaweed fertilisers can be applied through soil as well as foliar application, which increases the efficiency of nutrient intake.

Strengthened defences – A plants health can be affected any time it is exposed to elements that can cause stress, such as lack of water, temperature variations, insect problems or disease. Seaweed fertilisers helps strengthen plant defences, making them healthier and stronger.

Enhanced soil conditions – alginate is found within seaweed/Ascophyllum Nodosum, which is a structural part of the cells walls that provides the seaweed with flexibility, allowing it to withstand environmental impacts such as waves and sea currents. When adding alginic acid to soil, it acts as a conditioner, helping to improve the quality of the soil. Salts found within alginic acid and the metal molecules within the soil, combine to form larger, fuller molecules, which then attach to soil particles; joined together, they improve the structure of the soil, resulting in better water and air movement throughout the soil.

Liquid seaweed fertiliser improves the plant and soil health, creating beneficial ways for plants to grow. Not only will plants receive nutrients it needs, it also gains the defences needed for pests and disease, as well as improved soil, to strive.

How To Use

Shake well before use. Add Hydra SeaGrow first, then water.

As Hydra SeaGrow is a liquid Seaweed concentrate fertiliser, you have different options on how you can apply:

Handheld spray bottle - If you have houseplants or herbs, you can mix your diluted solution in a handheld spray bottle and mist your plants.

Watering can - You can mix your solution in a watering can with a rose attachment, and shower over your plants/lawn. (Average watering can holds 10 litres)

Pump sprayer or large sprayer – for larger plants and areas, mix your solution and spray to apply.

When To Use

Like all fertilisers, regardless of whether the plant lives inside or outside, it is best to apply Hydra SeaGrow during active growing season as all plants need growth to slow down in the cooler months; fertilisers will break this cycle if used all year round.

Soaking seeds overnight in a diluted solution of Hydra SeaGrow or spraying just after planting, helps the germination and early root development process.

Repotting plants and/or planting plants from container into the earth, after removing the roots from the pot, spray with a diluted solution of Hydra SeaGrow to reduce transplantation shock.



Laboratory Facilities

Hydra International Ltd.'s Research & Development Laboratories are a hub of activity where new products are developed and formulated. We have working relationships with our raw material suppliers, many of these suppliers are major world-wide chemical manufacturers with their own development laboratories.

As a company we are well known in the chemical industry for being receptive to cutting edge new chemicals which can be incorporated into our products to achieve performance advantages. An important part of the International Standards that we hold is that of constant improvement. We show that we have achieved this at every independent audit.

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