AGRICULTURE

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ALGANEX

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Algae do not only provide nutrients for humans and animals, but are also the ideal addition for agriculture. As a component for organic fertilizers, algae can help increase yields and preserve the environment.

Due to the diversity of algae and their ingredients, innovative formulations for specific needs can be created and chemical ingredients can be avoided.

- Find the right algae for your application.

Powder

ASCOPHYLLUM NODOSUM

- Potassium, Magnesium, Calcium, Iodine
- Natural fertilizer
- Extraction of alginic acids
- Skin hydration

Delivery time
On request

Typical applications

Ascophyllum nodosum, also known as “Kelp” is a brown algae widely distributed in the Atlantic Ocean, it also occurs in the North and Baltic Sea. Due to its many ingredients and trace elements it is well suited as an ingredient for food. However, probably the best known application is its use for the extraction of alginic acid, which is used as a thickening agent in the food industry.

In addition, Kelp has also been used for a long time as a natural and environmentally friendly fertilizer.
In cosmetics, Kelp is also used for its moisturising properties, which help dry skin and make the skin feel softer.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Ascophyllum nodosum powder, Ascophyllum nodosum flakes and dried raw Ascophyllum nodosum algae. This product is also available as a non-organic variant.

powder

FUCUS SERRATUS POWDER

- Cosmetics
- Fertilizer

Delivery time
On Request

Typical applications in the cosmetics industry

Fucus serratus has similar properties, which are beneficial for the creation of cosmetics, as other species of the genus Fucus.

Due to its nutrient profile, it has a positive effect on the appearance of the skin and can be well used in moisturizers and anti-aging products.

Powder

FUCUS VESICULOSUS

- Mannitol
- Fucitol
- beta-Carotene
- Zeaxanthin
- Iodine
- Potassium
- Minerals

Delivery time
On request

Typical applications

Fucus vesiculosus also known as "bladderwrack" is a brown alga that occurs in many parts of the oceans.
It has been traditionally used as a food for centuries, especially in Ireland, Scotland and Great Britain.
Because of its many nutrients, it can also be used as a fertilizer in the form of mulch, which is added directly to the soil, or as part of compost.

But bladderwrack is not only interesting for humans and plants, but also for animals. Thanks to the micro-nutrients, it is ideal as an additive for animal feed.

Apart from its nutrients, bladderwrack can also be used for medical purposes. For example, it is recognised by the European Medicines Agency as an aid to weight reduction.

Fucus vesiculosus, is also used in cosmetics to soften dark circles under the eyes and reduce signs of fatigue. Bladderwrack also has a skin tightening effect, which gives the skin an overall younger appearance. For example, the cosmetics company Gallinée has developed a special cream based on Fucus vesiculosus.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Fucus vesiculosus powder, Fucus vesiculosus flakes and dried Fucus vesiculosus raw algae. This product is also available as a non-organic variant.

Powder

LAMINARIA DIGITATA

- Minerals
- Vitamins A, D, E and K
- Omega-3 fatty acids
- Carbohydrates
- Iodine
- Potassium
- Calcium

Delivery time
On request

Typical applications

Laminaria digitata, also known as “oarweed”, is a macro-algae found in the North Atlantic, Baltic and North Sea, which can form extensive seaweed forests.

The best known and economically most relevant use of Laminaria digitata is the production of alginate from the alginic acid it contains, which is used as a thickening agent for the food industry.
But it can also be consumed as a seaweed vegetable.

In the past, Laminaria digitata was valued and used as a natural fertiliser and iodine source.

In addition to its use as a food and fertilizer, oarweed also has much to offer the cosmetics industry.
Due to its many minerals and trace elements, Laminaria digitata has a revitalising and mineralising effect on the skin. Added to this are moisturising and antioxidant properties that protect the skin from external influences.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Laminaria digitata powder, Laminaria digitata flakes, Laminaria digitata dried raw algae or Laminaria digitata fresh algae.This product is also available as a non-organic variant.

Laminaria digitata can accumulate high quantities of Iodine, therefore it is advisable to reduce consumption to blanched varieties, or keep the amount of consumed tang low.

Powder

SEAWATER EXTRACT

- Magnesium
- Chloride
- Sulfate
- Sodium
- Calcium
- Potassium

Delivery time
On Demand

Typical applications in the cosmetics industry

Sea water extract provides fresh and radiant skin. By activating the cellular functions, the water supply of the skin is strengthened. Thus, the skin is soothed and remineralized after using the sea water extract.

Seawater extract can contribute to a healthy skin appearance and is therefore ideal for different sensitive and irritated skin types. Sea water extract is also well suited for face and body care due to its ingredients.

Powder

SACCHARINA LATISSIMA

- Iodine
- Iron
- Calcium
- Magnesium
- Zinc
- Vitamins A, B-12, B-6, and C.
- Polysaccharides
- Sterols (fucosterol)
- Fucoxanthin
- beta-Carotene

Delivery time
On request

Typical applications in the cosmetics industry

The brown alga Saccharina latissima or "Laminaria saccharina" can play a significant role in cosmetics due to its anti-irritant properties and antioxidant capabilities. It can help protect the skin from external aggressions and reduce inflammation, as in acne-prone skin.

Called sugar kelp, it is used as a possible UV protectant and for skin problems such as loss of elasticity and firmness. It can also help hydrate the skin in moisturizers.

On the skin's surface, Saccharina latissima extract can reduce oil secretion, which can contribute to less oily skin.

Powder

ULVA LACTUCA

- Vitamin C
- Magnesium
- Protein
- Iron
- Iodine
- Aosaine
- Heparin

Delivery time
On request

Typical applications

Ulva lactuca, also known as "sea lettuce", is a green algae that can be found almost all over the world on sea coasts.

The sea lettuce is, as the name suggests, often eaten and offered as a sea salad. But it also finds a place in pasta or seasoning mixtures.

Not only for us humans is the sea lettuce healthy, but also as an additive for animal feed, as it offers a variety of micro and macro nutrients.

Because of its many trace elements and minerals Ulva lactuca is an excellent fertilizer.

What makes Ulva lactuca especially unique are the two substances heparin and aosaine that are contained in it. Heparin helps against the sagging of the skin, while aosaine strengthens and firms the skin and thus helps against the formation of wrinkles.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Ulva lactuca powder, Ulva lactuca flakes, dried Ulva lactuca raw algae or Ulva lactuca fresh algae. This product is also available as a non-organic variant.

powder

ULVA RIGIDA

- Carbohydrate
- Protein
- Phenol
- Lipids
- Chlorophyll
- Carotenoid

Delivery time
On request

Typical applications in the cosmetics industry

Green algae Ulva rigida not only has antioxidant and antibacterial effect, but also has a strong antioxidant activity. Thus, the protein-containing algae provides protection against oxidative stress.

Ulva rigida is rich in ingredients that promote collagen biosynthesis as well as provide moisturizing properties. Skin damage and dry epidermis can thus be alleviated.


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