



Microalgae-based feeds have been shown to increase weight gain in fish by up to 20%, surpassing traditional feed alternatives.

## Who We are

we specialise in producing high-quality biomass, lipids, and proteins for the aquafeed industry. Our microalgae-based solutions help reduce the environmental impact of aquafeed while also improving its nutritional value.

## Partners



[www.algae-products.com](http://www.algae-products.com)



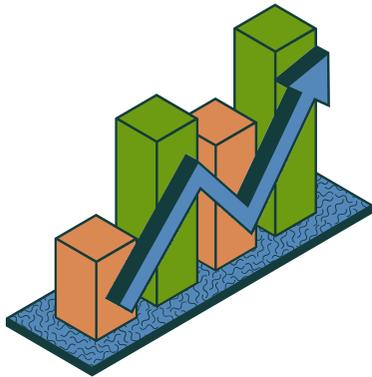
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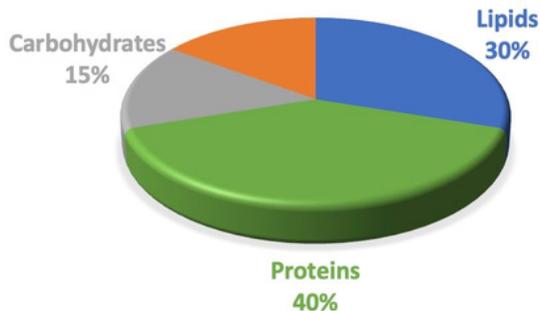
## Explosive Growth: Microalgae Revolutionising Aquafeed

Rapid surge projected in microalgae-based aquafeed market, reaching £1.70 billion by 2025, as businesses embrace sustainable practices and harness the superior nutritional value of microalgae in aquafeed, driving a projected £2.7 billion global microalgae market by 2020.



## Nutrient Powerhouse: Microalgae's Vitality

calcium, magnesium, phosphorus, iron,  
iodine, and zinc, polyunsaturated & Omega 3  
fatty acids  
15%



# WHY MICROALGAE

## Pigmentation Enhancement

Certain microalgae species contain natural pigments such as astaxanthin, which can enhance the coloration of fish, particularly in species like salmon and trout, adding value to the final product.

## Reducing Reliance on Traditional Feed Sources

Our microalgae-based solutions provide a sustainable alternative to traditional fish meal and soy feeds, reducing the reliance on wild fish populations and soy production.

## Omega-3 Advantage

Microalgae-based products provide a highly digestible and are natural producers of omega-3 fatty acids, such as DHA and EPA, which are vital for fish health.

## Enhanced Reproductive Performance

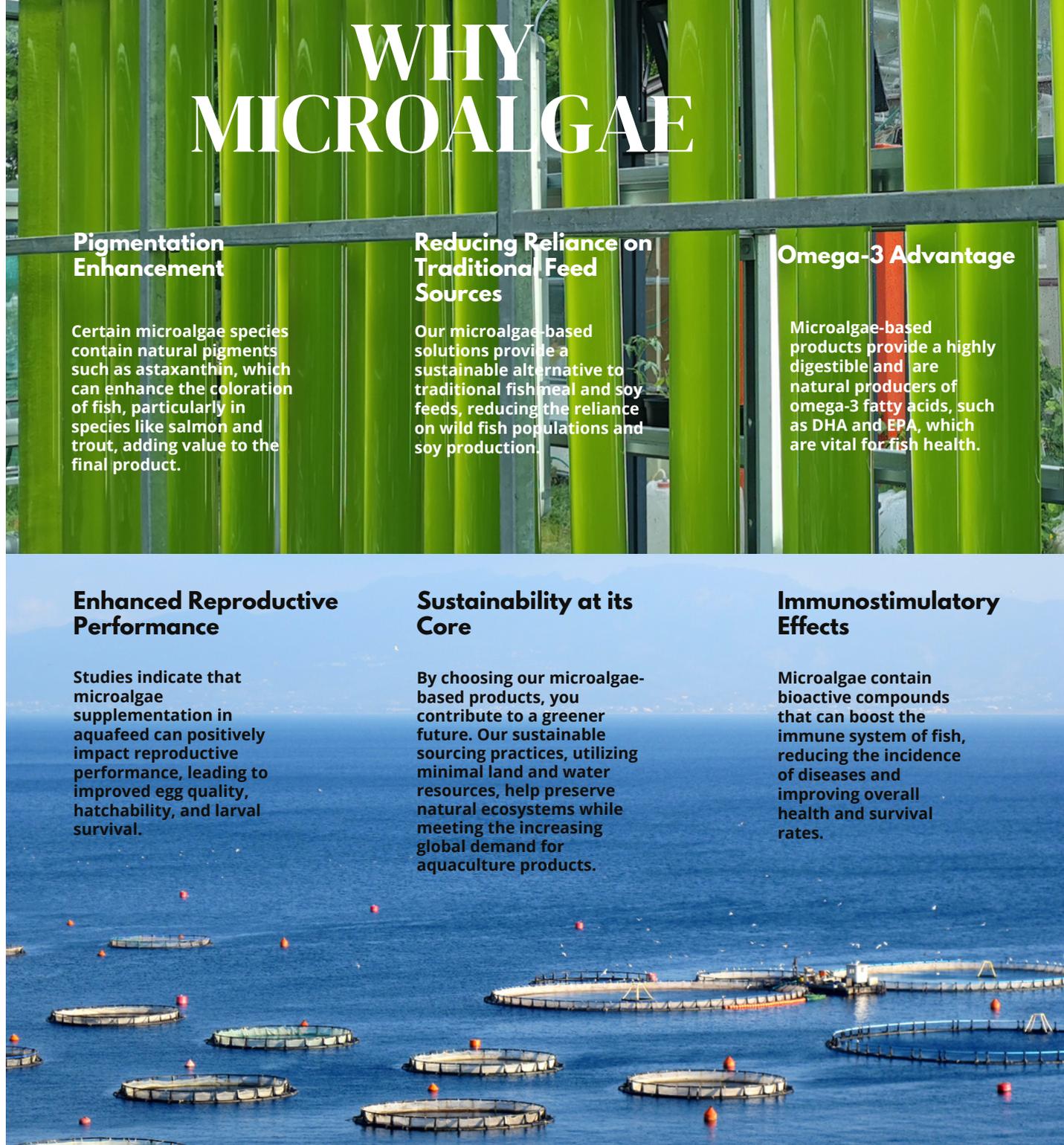
Studies indicate that microalgae supplementation in aquafeed can positively impact reproductive performance, leading to improved egg quality, hatchability, and larval survival.

## Sustainability at its Core

By choosing our microalgae-based products, you contribute to a greener future. Our sustainable sourcing practices, utilizing minimal land and water resources, help preserve natural ecosystems while meeting the increasing global demand for aquaculture products.

## Immunostimulatory Effects

Microalgae contain bioactive compounds that can boost the immune system of fish, reducing the incidence of diseases and improving overall health and survival rates.



# WHAT WE OFFER

## Discover the power of customisation

- Our algae-based products offer tailored compositions, catering to the nutritional needs of various fish species such as trout, salmon, mussel, carp, and more.
- With our best in class facility in Wales, our expert researchers will closely work with you to develop bespoke aqua feed solutions.
- Collaborate with us for customised solutions aligned with your specific goals in nutrition, sustainability, and budget.
- Backed by extensive research and a team of best in class researchers, our microalgae-based solutions are at the forefront of scientific innovation. Rest assured, our products undergo rigorous quality control measures, adhering to industry standards and regulations

### Biomass

Our high-quality microalgae biomass offers a diverse composition, comprising proteins, lipids, carbohydrates, vitamins, minerals, and pigments. It serves as an excellent base for aquafeed products, providing essential nutrients for fish and shellfish, including proteins, fatty acids, vitamins, and immune-boosting compounds.

### Proteins

Our microalgae proteins boast a sustainable and effective alternative to conventional fishmeal and soy sources in aquafeed production. With a well-balanced composition, our proteins offer essential amino acids and contribute to the optimal growth and health of aquatic species.

### Lipids

We offer a diverse range of microalgae lipids with varying fatty acid profiles to cater to the specific nutritional requirements of different fish species. Our lipids are rich in essential fatty acids, providing optimal nutrition for aquafeed.

### Chlorophyll

Our microalgae chlorophyll composition serves as a valuable addition to the aquafeed industry. With its natural green pigment, it provides antioxidant properties, enhances immune response, and promotes overall health and vitality in aquatic species.

## Optimised Larvae Solutions

**Maximising larvae quality is crucial for achieving success in fish farming. That is why we are dedicated to developing innovative solutions that empower larvae and fry to fully realise their potential at every stage of the production process. Our products consistently demonstrate their significant value in numerous fish farms across the globe..**

