
GRN049789 Aquaculture Technical Bulletin

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Our product added to aquaculture pond water provides multiple nutritional and environmental benefits.

Our product is:

- Pure *Ascophyllum nodosum* marine algae from the cold, arctic waters off Norway – No Additives
- Nutritionally rich - chelated, colloidal, and optimally balanced = BIO-AVAILABLE + EEC certified organic
- Full of naturally-occurring complex enzymes and pro-biotic compounds = BIO-ACTIVE

Our product FEEDS, CLEANS, & PROTECTS - naturally:

- Maintains a quality aquaculture environment and increases the production of fish and crustaceans
- Enhances stress resistance, survival rates, and resistance against bacterial and viral pathogens
- Provides a comprehensive, integrated, and sustainable solution to good aqua-farm management
- Dramatically reduces the negative effects on local environments

Nutrition:

Our product begins in the fish/crustacean digestive tract and provides the following nutritional benefits:

- A source of protein (10.5% - balanced amino acid profile), vitamins, minerals, and oligosaccharides – a complex food energy source ideally suited to nutritional needs of fish and crustaceans.
- Pro-biotic compounds which produce digestive enzymes & beneficial intestinal flora:
 - Promote nutrient absorption / better feed conversion.
- Increased immunity:
 - Lowers the requirement for genetically engineered and specific pathogen free (SPF) stock.
- Better overall health – improved growth without chemical and pharmaceutical agents
- Increased profitability from a GREEN alternative

Environment

While providing nutrients to the fish/crustacean stock, our product simultaneously provides environmental cleaning to the pond environment, creating a pathogen-free environment.

Our product means:

- Biological and microbial equilibrium of the aquatic environment:
 - Organic matter is digested and assimilated by the ecosystem w/out oxygen depletion;
 - Improved water quality – no accumulation of nutrients or waste;
 - Pathogens are inhibited;
 - Growth of denitrifying photosynthetic bacteria and other advantageous microorganisms are promoted.
- Ammonia & Sulfur are destroyed – in an ion exchange:
 - Providing a natural increase in available oxygen.

Product Dosage:

Use 1 part of liquid additive to 2,500 parts of pond water, sprayed on pond surface.

One application, repeated every 6 months or when fish/crustacean stock is replaced.

Our full product line is certified ORGANIC under the European Community regulations, which governs organic production, labeling and control of animal and human feedstuffs. All of our products can be sold and used in the eco-systems of agriculture in all member states of the European Community without special permission.