

AquaPlus

AquaPlus is a concentrated liquid paste of *Dunaliella salina*. It contains algal carotenoids, especially beta-carotene, which has been shown to provide the colour precursor and supplementary nutrients necessary in aquaculture conditions.

Dunaliella salina is a microscopic alga found in the ocean and other aquatic environments.

The algae is grown in hyper saline lagoon in its natural environment with almost no artificial aid except of the sun and water. The alga is harvested without any solvents or chemicals. The paste is a pure *Dunaliella salina* concentrate containing high levels of carotenoids, minerals, vitamins, and fatty acids. The micro-algae has several applications in aquaculture, as a sole food source for filter feeders, a food additive for many fish and crustacean species, as well as a replacement for traditional green micro-algae in 'green water' systems.

Aqua Plus contains no pathogens and has very low bacteria content due to natural the natural antibacterial qualities of the paste.

Features :

- Source of carotenoids • Contains lipids and amino acids • Antioxidant

Aqua Plus contain Beta-carotene and mixed carotenoids 2.0% Minimum (dry weight)

Particle Size >90% through 40 Mesh (350 microns)

Typical Nutrient Profile of AquaPlus (as dry weight) : Analysis Values (g / 100 g) :

Moisture (Algro Natural)	9.1
Ash	61.9
Protein (N x 6.25)	10.4
Fat	9.1
Carbohydrate	9.4
Sodium	19.6
Potassium	6600mg/Kg
Magnesium	1.9
Calcium	1800mg/kg
Phosphate (P)	2000mg/kg
Chloride	32.9
Sulphate (SO4)	1.5



Application

- Marine fish larvae culture. AquaPlus may use as substitute to a traditional algae as Nannochloropsis in 'green water' technique. The paste can be mix with water and add at required concentration to the larvae rearing tanks. Concentration and amount of paste in the tank is species specific and depends on the hatchery rearing methods (sechi disk depth). The paste can be mix with water and add to the larvae rearing tank manually or automatically using pump or any other delivery system.

- Filter feeders (corals, sponges etc.). AquaPlus is ideal feed for marine ornamental filter feeders. It should be mix with water and add directly to the tank / aquarium manually or automatically using dosing system. Amount of algae depend on the bio-mass, number of organisms as well as rearing system (static, flow-through or recirculating).

- Brine shrimp. AquaPlus can use as sole feed for Artemia (In nature – this is the prime food for the Artemia). Amount depends on number of Artemia and life stage (nauplii, adult etc.).

Packaging

AquaPlus is supplied in 1 litre bottles, 10 or 20 litres containers.

Handling and Shelf life

It is preferable to store both products in a cool dry place, fridge or freezer (for longer shelf life). In the unopened pack under these conditions, the recommended storage time is twelve months.

Specification

AquaPlus - liquid paste, Both orange colour.



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Nutrition Supply