PlanktonBrazil

Soluções Biotecnológicas em Aquicultura

Institutional

Aim

To [illegible] microalga biomass production for hu[illegible] and as raw material for the following in[illegible]od and Biofuels.

Field of Work

Aquaculture
Laboratory Solutions
Animal Feeding Additives
Energy
Environment
Green Technology
Food and Beverage
Pharmaceutical industry

Values

Achievement of sustainable development, based on: social and environmental responsibility, ethics, transparency, quality, agility, service excellence and integrity in our client-company relations.

Awards

Santander Entrepreneurship Award

The Best Rocket Pitch – Babson College

SENAI SESI Innovation Notice

[illegible]ision

In [illegible] be the largest microalgae biomass pr[illegible] consolidate[illegible]ence an[illegible] area of op[illegible]t to: technological development, sustainable[illegible]ment quality standard.

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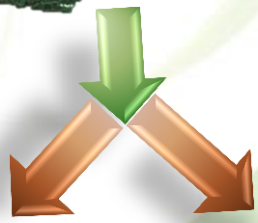
Fotos: Fabiano Veneza/Sistema FIRJAN

High Productivity Cultivation System- SCAP I

Post-cultivation process and systems

Biomass of high nutraceutical quality



Effluent collection

Production of cultivation medium

Innovative agricultural systems and processes

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Spirulina's Potential

Superfood: Its use is widespread among athletes, students and businessmen, for their vigorous and energetic properties. WHO, UN and FAO recommend the incorporation of Spirulina in our daily diet as a food supplement.

Nutraceutical quality:

Up to 75% protein presented in biomass, all essential amino acids, essential fatty acids (w-3 and w-6), minerals, carbohydrates, nucleic acids, chlorophyll, phycocyanin and beta-carotenes.

Human feeding:

Reduces cancer risk, premature aging and cholesterol levels, contributes to glycemia regulation, promotes the multiplication of lactobacilli, etc

Animal feeding:

It has detoxifying, immunostimulating, anti-inflammatory and antioxidant properties.

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Thank You

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