



BCSIR Dhaka Laboratories, BCSIR

Process

Area

Uses

A Process for the Commercial Production of Spirulina

Human consumption

Nutraceuticals Food Supplement



Spirulina is a microscopic aquatic blue-green algae. Enrich with natural protein, vitamin & minerals. It combats with different type of diseases (diabetics, anemia, weakness). Doses: 1 tea spoon or 2-3 gram, 4-6 tablets or capsule (500 mg) daily. In 1974, World Food Program declared “Food for the Tomorrow.

Tablets & Capsule form of Spirulina

Scale of Development

The process is already under commercialization

Major Raw Material

Sodium bi carbonate, Potassium chloride, EDTA

Major Plant Equipment/Machinery

S.S. wheel, grinder, harvester, Plastic net tray.

Details of specific application

This product is mainly used for Human consumption

Status of Development

This process is accepted by the BCSIR authority and it is already

Commercialized

Ecological/Environmental Impact (if any, specify briefly)

This process is environment friendly and after commercialization This product able to fulfill our national demand.

Cost of product

3,000 Tk/kg spirulina powder (As per date 01/03/2023) L

Key wards

Spirulina, Protein, Vitamins, Mineral

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