

SPIRULINA PRODUCTION

Technology :

Process for the production of nutritious algae - Spirulina.

Application and Use:

As a nutritional supplement and animal feed.



Salient Features of the

Technology:

Selected strains of *Spirulina* are used for cultivation in large cement pots and pond and growth is monitored by the addition of nutrient and fresh clean water routinely. After achieving maximum cell density, biomass is harvested by filtration, washed with fresh water and sun-dried. The dry flakes thus obtained are crushed to obtain powder for feed development.

Equipment and Machinery: Cement tanks of 1 sq. m., filtration unit, drying trays, balance, pH meter, and electric heater / gas burners.

Raw materials: Fertilizers and inorganic carbon source.

Status of Commercialization : Know-how available

Minimum Economic Unit Size (MEUS) : 1 tonne per annum
