



**Grow more.
Grow naturally.**



**Natural
soil conditioner**

www.fibsol.com

FIB-SOL INNOVATION

FIB-SOL provides super-efficient delivery system for bio-fertilisers, which are soil microbes. The innovative encapsulation technology enables delivery of soil bacteria in a highly compact (1000X) and effective way.

FIB-SOL formulation increases availability of macronutrients to the plant. As a result, the nutrient absorption increases, which leads to more yield, healthier crops and better quality of the produce.



ABOUT US

FIB-SOL, a spin off from IIT Madras, was founded by a versatile group of scientists specialising in various fields such as Biotechnology, Nanotechnology and Polymer Chemistry. The passion for bringing cutting edge science into agriculture is the key driving force behind FIB-SOL. Sales and Marketing activities at FIB-SOL are led by personnel with rich experience in Agri-input industry.

MISSION

To harness advanced technologies in the field of Biotechnology and nanotechnology for entrapment of agriculturally important microbes and their metabolites in light-weight and water-soluble formulations.

VISION

To redefine global Agri-inputs so as to achieve better yields and improve farmer profitability and soil quality in an eco-friendlier way.

FIB-SOL, NUTRIENT ABSORPTION AND CROP YIELD

Soil quality decreases because of various factors, including excessive use of chemical fertilisers. Further, the decrease in nutrient absorption by the crops makes it necessary to use organic inputs and soil microbes. Using FIB-SOL helps restore soil quality and increases nutrient absorption from the soil.



Lightweight: Bulky biofertilisers are now compact



Soil: Quality improves from poor to good



Pollution: Low carbon footprint



Water Soluble: Easy to Apply



FIB-SOL ADVANTAGES

- Can increase nutrient availability of both Chemical and Organic inputs
- Provides macronutrients and enzymes
- Easy logistics: can be supplied by postal service
- Less overlay cost
- Water soluble: easy to apply

FIB-SOL BENEFITS

- Increase yield by 20-30%
- Better grain quality and nutrition
- Improves soil quality and texture
- Healthier and immune plants
- Restore soil with natural microbial flora

FIB-SOL KEY FEATURES

- Instant remedy for poor quality soil with high cell count, 10^{12} cfu/ml (1000 times more than conventional)
- Lightweight (100 ml for an acre)
- Water soluble and eco-friendly

PRODUCT RANGE

TAILOR-MADE FORMULATIONS FOR A VARIETY OF APPLICATIONS

FIB-SOL products are available as gel and fibre, and include special formulations to suit different crops, based on their nutrient requirements and soil type.



- Agrigels | NPK Combo | Crop Specific Formulations
- NPK Combo for Urban Kitchen Gardens |
- Immune Boosters | NOCA Certified
- Fertiliser Carrying Membranes



METHOD OF APPLICATION



Mix the contents of the sachets in 200L of water.



Drip irrigate or spray on soil over one acre of land.



Apply two doses for three-month crops.



Mix contents in soil or compost (5Kg)



Broadcast directly

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FIB-SOL FIELD TRIAL RESULTS



RICE
20%
increase
in Yield

MANGOES

Yield
doubled

TOMATO

Yield
doubled



CARROT
30%
increase in
Yield



GROUNDNUT

20%
increase
in Yield

**MUSTARD
GREENS**

25% faster
growth cycle



TRIAL COURTESY




AWARDS



OUR PARTNERS



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