

Biofertilizer & Biocontrol agent PELLETS

Dr. P. Murugesha Boopathi,
HiFi Biotech India Pvt. Ltd.,
Salem, Tamil Nadu.





Name of the start up

Hi fi Biotech India Pvt. Ltd.,

Location

Salem, Tamil Nadu.

Full Address

Plot No. 79, SIDCO , Women Industrial Estate, Karuppur, Salem-636 011.

Incubator name

TNAU - ABI, Coimbatore,
Tamil Nadu Agricultural University,
Coimbatore – 641003.

National Institute (Part of)

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Product / equipment name

Biofertilizer & Biocontrol Agent Pellets

PROBLEM

Process followed to arrive at the problem statement

Feed back from farmers about the performance of Biofertilizer and Biocontrol agents currently available in Powder and Liquid formulation regarding,

- 1. Efficiency of application of specified dose to individual plants**
- 2. Shelf Life**
- 3. Use efficiency**

Details of the fpo/shg with names, phone number

R. Sarathy Kamalan,
9443233776.

Market survey undertaken for similar solutions/equipment

Farmers have expressed the preference for pellet formulation for easy and efficient application (per plant basis)

UTOPIA

Unique features	<ul style="list-style-type: none">• Ease in application• Ensure the supply of desired level of Colony Forming Units to individual plants.• Use efficiency will be higher for per unit (Since the Pellet formulation contains growth promoting substances, rapid growth of biofertilizer/ biocontrol agents takes place at targeted location).• The application of Microbial pellets will enable to reduce the Cost of Chemical inputs by 25%.
Current stage	Technology has been standardized and ready for mass production.
Approved :	Evaluation trials have been conducted in farmers field and farmers have received the technology very well.
Targeted price per unit	Rs. 150/kg
Tentative time to go to market	3 months



**PELLETISED BIOFERTILIZER
(CONTAINS CARRIER,
BINDER AND ORGANIC
FORMULATIONS)**

Production Technology of Pellets

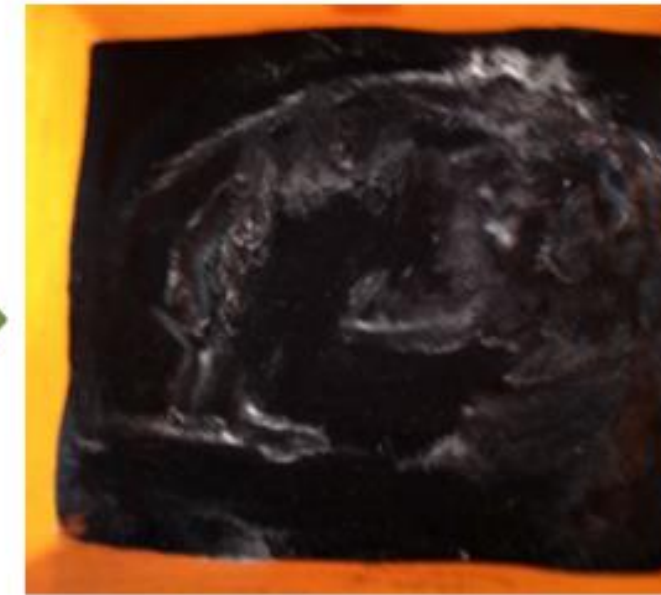


Carrier material
(Lignite)

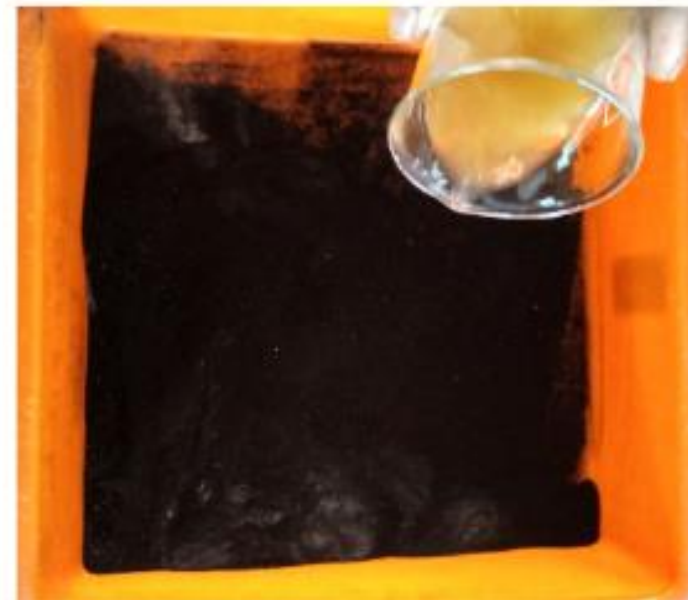
+



Binder (Gum acacia)



Mixture of carrier
and binder



Mixing with organic
formulation



Pellet formation

Funding

- Please identify if support is sought for funding for research /prototype /commercialization/early stage funding/accelerator/deployment/govt. Order/ training or deployment through ngo's? / Technology transfer

- Are you already connected to any government agency / any government orders? Please provide name and details of government agency that you are catering to. Challenges if any?

- Support for Production & Commercialisation and Training

- No Government orders yet, since Commercialization have not yet been initiated.

Training and Tech. Commercialization

- Training - how have you thought through the training of your equipment/solution. What support in training will be required?

Clusters of farmers can be selected in different areas and one day training shall be offered to train the farmers about the method of application, utility, advantages and remuneration associated with the implementation of this technology.

The training will be offered by Microbiologist Ms. T. Jayani, APM, Hi fi Biotech India Pvt Ltd.,

- Would you like to undertake a technology transfer rather than manufacture and be in the market? If yes what would be your primary rate range & conditions?

- NO

Contact Us

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&

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