

BEEGLE AGRITECH- "DIRECTING NEXT-GENERATION TOWARDS AGRICULTURE"

Founders- Mr. Havyas Kudupaje and Mr. Nitin Singh

Founded in- 2019

Place- Bengaluru

Website- www.beegle-agritech.com

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Beegle Agritech was founded in the year 2019 in Bengaluru.

The shining stars of the start-up company which had great success over the year and recognized by each young farmer are Mr. Havyas Kudupaje and Mr. Nitin Singh. All this started with Mr. Havyas getting placed in a village for RAWE (Rural Agricultural and Institutional Work Experience) as part of academic activity during graduation in Agriculture Marketing at GKVK. It was an eye opener for the co-founder to realize that farmers who generally reject the adoption of high-tech in farming due to cost, access, and complex uses, were seemingly inquisitive to adopt technologies, given that access and affordability are taken care of. The idea got its startup wings during their post-graduation at Entrepreneurship Development Institute of India, Ahmedabad and Soon, Beegle Agritech became synonymous with a smart farming solution provider to the farmer community



ABOUT THE START-UP

Beegle Agritech and Agriproducts private Ltd. is a Bangalore based company providing smart farming solutions to the farming community, working with the core goal of democratizing the modern agricultural technologies such as hydroponics, digital tools for crop monitoring & agricultural marketing and precision farming. They strive to disseminate agricultural innovations to the last mile of Indian farms.

The company was incorporated in 2019 and is a recognised start-up under Start-up India Department for Promotion of Industry and Internal Trade (DIPP), Government of India and registered under MSME. The startup is incubated at University of Agricultural Sciences, GKVK, Bengaluru. Beegle Agritech and Agriproducts private Ltd. is a Bangalore based company providing smart farming solutions to the farming community, working with the core goal of democratizing the modern agricultural technologies such as hydroponics, digital tools for crop monitoring & agricultural marketing and precision farming. We strive to disseminate agricultural innovations to the last mile of Indian farms. As such Beegle agritech is one of the most successful upcoming pyramid farming companies. Beegle agritech is utilising the method of farming where they are raising fishes, hens, and plants in the same place with limited space of land and water. Integrated Circular Pyramid Farming (ICPF) is a method where farming is done even in a soilless land which helps the farmers to raise hens, fish, and plants through hydroponics. This method aids farmers economically stable and assist in less use of harmful chemical products and increases the productivity of the farm that leads to enormous profit.

BEEGLE SERVICES AND PRODUCTS:

Beegle Agritech operates under two major brand lines Happening Farming and Happening Hydroponics. The Happening Farming is the rental model for technologies like coffee harvester, plantation tools, and drones. The recent add-on is Multipurpose Drone for Precision Farming which is slotted to be on market by this year end. The drone can do multiple tasks from monitoring plant health, precision application of both liquid as well as solid plant inputs and can reduce aerial pollution, a major issue faced by existing areal spraying drones. Beegle Agritech renders technologies based on the FAAS (Farming As A Service) Model, Integrated Circular Pyramid Farming (ICPF) aimed at integrating hydroponics, poultry, fisheries, and solar energy therein bringing in all systems under one roof. This reduces farm waste to a mini-mum and drastically reduces water usage. Beegle is further slotting its technologies to make it accessible to farmers on rentals too.



BEEGLE AGRITECH PROVIDES VARIOUS PRODUCTS LIKE:

- ✿ Hydroponic helps in growing plants without the use of soil. Beegle agritech provides full kits of hydroponics.
- ✿ Aquaculture is where the waste from the fish and other aquatic animals are directly supplied to plants to get more nutrients. Beegle agritech helps by providing a setup of aquaponics.
- ✿ Hydroponics and aquaponics Essentials are where there will be less environmental impacts, less consumption of resources and faster growth of plants. Beegle agritech guides in hydroponics and Aquaponics essentials.
- ✿ They also provide coco coins with the lowest rate of pay and they do have starter packs based on grams.
- ✿ The best products are Illume twin and Dutch bucket hydroponics kit.



THEIR PROJECT

This project is a collaboration with Nottingham Trent University, United Kingdom, and the pilot project had its success in Hesargatta, Bangalore. The motive of the project is to bring out various SDG goals through farming. The technology of this great project is to attract more youth women and men to farming. It does not need much capital for investment. Project at Hesargatta, occupied 25sqft area. In normal cases, you are entitled to grow 30plants, 5hens, and 20fishes. Nevertheless, with the ICPF method Beegle agritech has grown 105plants+5hens+35fishes concurrently in the same sqft of 25area. It is shocking right! Still, it has increased more than 6 times with nearly 1000 litres of water. The profit from the three activities not only makes a good profit but also an additional income to the farmer. The method of the pilot project has been successfully executed in a farmer's land near Hesargatta, Bangalore.

FUTURE APPROACH

Beegle Agritech's mission is beyond just disseminating the technology to farmers, but to provide clean and green India. For this, the company's ICPF's model of farming, aerial spraying with minimum Aerial pollution, sustainable management of water, and encouraging and undertaking responsible consumption and production. Beegle Agritech has built a first-of-its-kind ICPF technology in Bangalore in collaboration with Nottingham Trent University, UK. This and many other such multipurpose projects are already in pipeline of this company, there by establishing several hubs in a farming cluster. Beegle is further contemplating its options to encapsulate all the major modern farming equipment and expand to other parts of the country through franchise models.

INNOVATIVE APPROACH

Basically a farming land takes more than space of field which makes farmers to worry about the input and output of income. But from the innovative idea from Beegle agritech it doesn't need much space of field despite of being investing more the pyramid farming method needs less amount nevertheless more amount of output. It also brings out people to use organic products more than chemical based. This pyramid farming helps in both time saving and money saving. Integrated circular pyramid farming includes soilless land which the technology allows you to gain more productivity and the green plants which we get through the nitrate water gives us quality and natural food. Beegle agritech is also providing training sessions in various fields of Hydroponics masterclass, Aquaponics Masterclass and Hydroponics/ Aquaponics hands on training classes

