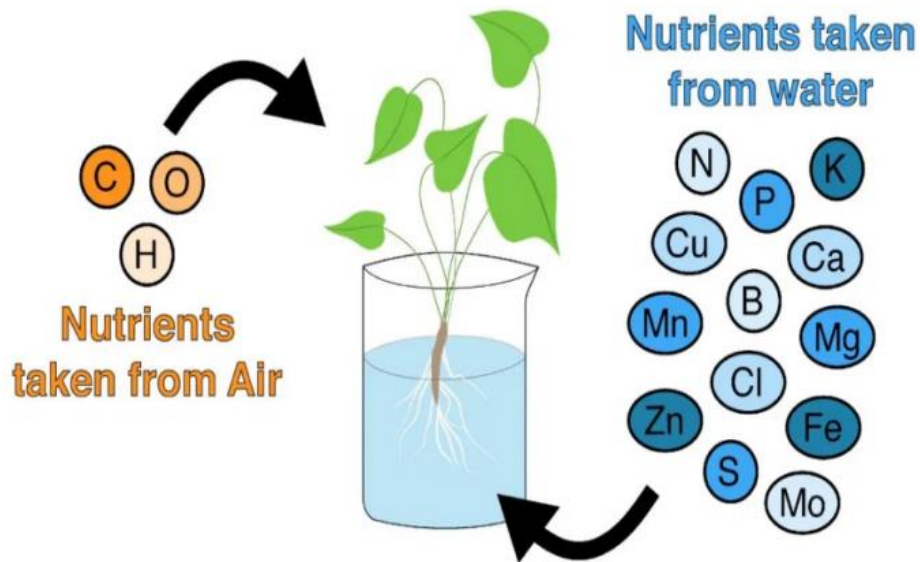


Hydroponics Agriculture in Agri and Food Tech

Hydroponic System is a system of growing crops without soil, often called soilless farming. In the hydroponic system, the plant roots grow in a liquid nutrient solution or inside the moist inert materials like Rockwool and Vermiculite. The liquid nutrient solution is a mixture of essential plant nutrients in the water. The plant roots are suspended either in the static liquid solution or in a continuously flowing nutrient mixture. The hydroponic growing system requires continuous attention to the crops, unlike the traditional farming system.

Advantages of a hydroponic system

1. Higher productivity than the traditional farming system, the plant nutrients are effectively used, and there is no wastage.
2. The hydroponic system is a controlled climate system in which the crops can grow year round.
3. Water utilization very high when compared to the traditional farming method, up to 80-90 percent higher.
4. The crops are grown in a closed space, which eliminates the attack of pests and insects.



World- Top 10 world best known Agri Tech companies using Hydroponics Agri

1. Aero Farm Systems

Grow delicious, nutritious leafy greens and herbs without sunlight, soil, or pesticides.

url: <http://aerofarms.com/>

CEO - David Rosenberg

2. Freight Farms

Uses old shipping containers to create a turnkey solution for creating food access around the world.

url: <http://www.freightfarms.com/>

CEO - Rick Vanzura

3. iBio

url: <http://www.ibioinc.com/>

CEO - Thomas F

4. LettUs Grow

url: <https://lettusgrow.com/>

CEO - Jack Farmer

5. Hydrofarm

url: <http://www.hydrofarm.com/>

CEO - Bill Toler

6. American Hydroponics

url: <https://amhydro.com/>

CEO - Michael Christian

7. Farmshelf

url: <http://farmshelf.com/>

CEO - Andrew Shearer

8. GrowUp Urban Farms

Uses aquaponics to produce high-quality salads, herbs, microgreens and fish on sustainable farms close to consumers.

url: <http://growup.org.uk/>

CEO - Kate Hofman

9. Evogro

Makes indoor plant growing systems for chefs – making it easy to grow perfect microgreens, salad leaves and herbs.

url: <http://www.evogro.com/>

CEO - Jason Hirst

10. EasyPonic

11. Makes Nanny, a device and app that helps you taking care of hydroponic crops. Nanny has sensors that watch over the culture.

url: <http://www.easyponic.com>

CEO -

India Top 5 Indian Agri Tech Companies using Hydroponics Agri

1. Letcetra Agritech

Goa's first indoor hydroponics farm, growing good quality, pesticide-free vegetables.

url: <http://www.letcetraagritech.com/>

CEO - Ajay Naik

2. BitMantis Innovations

url: <https://bitmantis.launchrock.com/>

CEO - Prakash

3. Junga FreshnGreen

url: <https://www.jungafreshngreen.com/>

CEO - Sandeep Bhatia

4. Future Farms

Develops effective and accessible farming kits to facilitate Hydroponics that preserve environment while growing cleaner, fresher and healthier produce.

url: <https://www.business.futurefarms.in/>

CEO - Sriram Gopal