



## VERTICAL FARMING

Category: Agriculture

### MARKET

Farming and agriculture is an evergreen market, With more and more people on this planet, the need for quality food and organic food is quite high and import exports would be constantly a wide open market.

Ref image.



### MANUFACTURING

It's a combination of steel, plastic and other elements like wheels, rails, tubing, etc.

### OBSERVATION / TREND / PROBLEM

Observation

- With land being a scarcity and productivity demands being high for agri produce more than ever, it is inevitable that farming has to go vertical.
- Hydroponics and terrace gardens and vertical walls are quite unique solutions, however require immense capital and control of systems.
- Almost all these systems are immobile and fixed.

### OVERVIEW OF THE IDEA

The idea is to create a novel product, that is mobile system that can be transported from one area to another, it is simple to control and easy to install, could be in open fields, terrace, society space or even in deserts.

The idea is to make the most customizable farming unit and not a fixed one. One that can be changed, increased in modules as the plants multiply or the scale has to be changed.

### VALUE

The farm and Agri produce could be tripled. Easy maintenance, not a lot of expenditure and mobile units to relocate.

### VARIANTS

Numerous sizes can be thought of that can be designed according to the kind of farm produce needed

**Disclaimer:** The idea explained here is only to give an insight that a product can be made catering to this domain, that is answering a need.

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