

**“Innovation is experience, not just about new products”**

**ANY FODDER VARIETY - ANY SEASON – ANY WHERE FARMING**

Measure, Acquire, Analyze, Optimize & Improve Performance





## Farmer Present Problems

- ❖ Only seasonal Variety of fodder generation is possible
- ❖ During season farming air borne bacteria and other insect attack will totally reduce the yield.
- ❖ Farmer wait for more number of days to harvest fodDer
- ❖ In season farming - yield is affected by external climatic conditions, high environment temperature, velocity of air, cold freeze, rain, flooding and insect attack.
- ❖ Due to flooding and rain, fertilizer/pesticide effectiveness is reduced and water seepage in larger depth or adjacent pond-damaging the environment and water pollution.
- ❖ High water consumption, growth is very low.

## Proposed Solution

- ❖ Any Fodder Varity - Any Season - Any Where Farming.
- ❖ Fodder Generation Cycle is reduced from 30 - 46 days to 10 days
- ❖ No Soil is required. Fodder is dust free, which reduces risk & prevents respiratory diseases in animals.
- ❖ The unit can be set up to be pesticide free.
- ❖ Fully automatic - right from seeding to dispensing the matured fodder
- ❖ Automatic Nutrient Feed Management
- ❖ Automatic Climate control

- ❖ Complete remote monitoring
- ❖ Minimum consumption of water
- ❖ 1 kg seed to 10kg fodder production less than 10 days
- ❖ Right from wheat gross to 30 variety of fodder generation
- ❖ High Nutrient content in the roots, Fodder is high in energy protein, vitamins and calcium and yield of milking cow is increased by 12 to 28% and increased weight.
- ❖ Occupying less land space-approximately 90Sq.Mtr for 2000/kg plant
- ❖ Cattle not only eat the fodder leaves but the entire root system, providing fibre & protein
- ❖ Any Fodder Any Season More number of crop rotation- compared with conventional system, more yield per year.
- ❖ Vertically stackable Tray- more yield per square feet.
- ❖ Smint Fodder Generation System - Per watt electricity usage is less.
- ❖ Any Season Selection according to the fodder
- ❖ Water usage is minimum. (99.9% less compared with flooded irrigation.)
- ❖ Effective utilization of fertilizer.
- ❖ Controlled atmosphere - less contamination, less infection
- ❖ Power the entire system with solar energy.
- ❖ Automatic farming - less labour is sufficient.
- ❖ Automatic fresh make-up water balancing.





