





## WHAT WE DO?

We set up a commercially profitable fully-automated hi-tech vertical hydroponic farming setup across India that runs with artificial intelligence.

# PROJECTS WE SETUP

We mainly deal in Outdoor NVPH / FANPAD with A-Frame / Flatbed & Indoor Vertical setup.

## NVPH A-FRAME

Naturally Ventilated Poly-House with A-frame Hydroponics System with round pvc pipe or N.F.T. square pipe.

## NVPH FLATBED

Naturally Ventilated Poly-House with Flat bed Hydroponics System with round pvc pipe or N.F.T. square pipe.

## FANPAD A-FRAME

Fan & Pad with A-frame Hydroponics System with round pvc pipe or N.F.T. square pipe.

## FANPAD FLATBED

Fan & Pad with Flat Bed Hydroponics System with round pvc pipe or N.F.T. square pipe.

## INDOOR VERTICAL

Indoor Vertical Flat bed Hydroponics System with N.F.T. square pipe and Grow Lights.

# NVPH A-FRAME

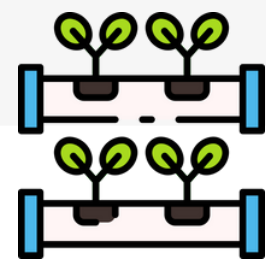
NVPH (Natural Ventilated Poly-House) A Frame is outdoor hydroponic farm setup. The outdoor hydroponics farm method is a type of controlled environment agriculture which allows you to grow various type of leafy greens and vine crops much densely than any other outdoor method, where you can save water use by up to 90%, requires 80 to 95 percent less area, and produce all year round.



**Aerodynamic  
Structure**



**Fully  
Automated**



**Optimized  
Crop Density**





# NVPH FLAT BED

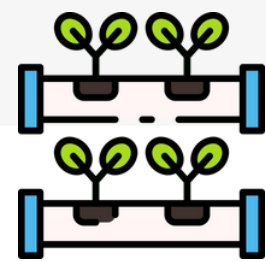
NVPH (Natural Ventilated Poly-House) Flat Bed is outdoor hydroponic farm setup. The outdoor hydroponics farm method is a type of controlled environment agriculture which allows you to grow various type of leafy greens and vine crops much densely than any other outdoor method. With Flat Bed we can grow very high quality crops even in low light zones.



**Aerodynamic  
Structure**



**Fully  
Automated**



**Optimized  
Crop Density**





# FANPAD A-FRAME

Fanpad A Frame is outdoor hydroponic farm setup. The outdoor hydroponics farm method is a type of controlled environment agriculture which allows you to grow various type of leafy greens and vine crops much densely than any other outdoor method, where you can save water use by up to 90%, requires 80 to 95 percent less area, and produce all year round.

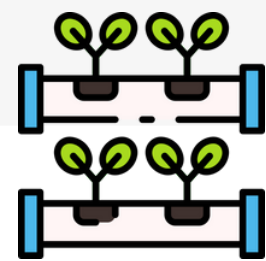
Fan pad method is the most effective method in regions where temprature is very high.



**Aerodynamic  
Structure**



**Fully  
Automated**



**Optimized  
Crop Density**





# FANPAD FLAT BED

Fanpad Flat Bed is outdoor hydroponic farm setup. The outdoor hydroponics farm method is a type of controlled environment agriculture which allows you to grow various type of leafy greens and vine crops much densely than any other outdoor method, where you can save water use by up to 90%, requires 80 to 95 percent less area, and produce all year round.

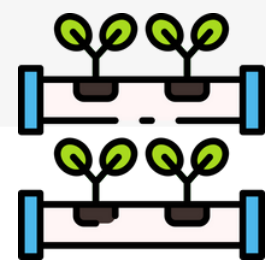
Fan pad method is the most effective method in regions where temperature is very high but sunlight exposure is low.



**Aerodynamic  
Structure**



**Fully  
Automated**



**Optimized  
Crop Density**





# INDOOR VERTICAL

Indoor Vertical Flatbed hydroponic farm setup. The indoor hydroponics farm method is a type of controlled environment agriculture which allows you to grow various type of leafy greens and vine crops much densely than any other outdoor method, where you can save water use by up to 90%, requires 80 to 95 percent less area, and produce all year round.

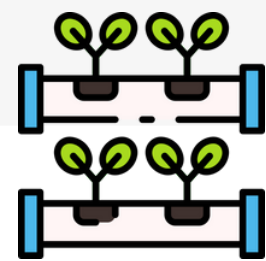
Indoor vertical farming is most obtained method when you want to grow production inside urban location.



**Energy  
Efficient**



**Fully  
Automated**



**Optimized  
Crop Density**





# OUR PROCESS

1



## Checking Site Feasibility

Along with you, we help you identify a site location to set up our hydroponic project. We consider locality, levelling of land, examine electricity and water also gather basic information of surrounding that can help us test feasibility.

2



## Construction of Farmsite

Once financial feasibility is analysed we start working on the Construction of the Project. Based on site feasibility and market research we choose between NVPH or Fan-Pad system and also hydroponic system between NFT or Dutch Bucket.

3



## Automation, Farm Management

Once construction is completed, we work on automating the farm using IoT devices as well as integrating with farm management. At this stage, we also start training your field team to make sure we continuously grow high quality produce.

4



## Selling Support

Once our field team is ready and the complete farm is automated, Our team of agronomists, sales and planning starts working on the selling support for your farm.



# OUR STANDARD COMMERCIAL MODELS

## **465SqM / 5000SqFt**

No of Plants: 12,500  
Water: 6000litters  
Phase: Single

\*No. of plants are as per 7 layer A frame. Numbers of crops can be altered as per requirement.

## **930SqM / 10000SqFt**

No of Plants: 26,500  
Water: 8000litters  
Phase: Single

\*No. of plants are as per 7 layer A frame. Numbers of crops can be altered as per requirement.

## **1858SqM / 20000SqFt**

No of Plants: 55,200  
Water: 12,000litters  
Phase: Single

\*No. of plants are as per 7 layer A frame. Numbers of crops can be altered as per requirement.

## **Custom Size**

We also work on custom sizes as per your land and resource availability.

**Contact us for free consultation**



# OUR ADDITIONAL PRODUCTS

## Hydroponic Masterclass



Learn about the science and business side of Hydroponics. Complete Advance Hydroponic Course that teaches you everything about running a successful hydroponic farm step by step.

## hydroBUILD



hydroBUILD farm automation helps you maximise your yield by automating the dosage and balancing water quality. It's AI based technology keeps on learning continuously reducing cost of operation.

## Agriscreeener



We track the pricing of more than 10,000+ products on our platform and based on thousands of data points we predict the future price of these commodities.





COMMUNITY

**40,000+**

MEMBERS

FARM VISITS

**7,500+**

ONE-TO-ONE INTERACTIONS

FARM SETUP

**15,00,000+**

SqFt AREA DEVELOPED

FARM OPERATIONS

**\$1,058,950+**

REVENUE GENERATED





1

## Business Understanding

We don't just teach science, we help you visualize and develop business out of hydroponic technology.

2

## Farm Setup

We help you set up commercially profitable farms with fewer resources across the world that deliver maximum crop yield.

3

## Project Training

With our fully practical approached course, training staff and managers and onboarding can be done in no time.

### Hydroponic Masterclass

Howdy, Sudini Devi  
[BACK TO COURSE](#)



#### Course Structure | How to access Course and get maximum out of it.

Search Item

Hydroponic Masterclass

Introduction to hydroponic masterclass 04 min

Download Handbook

Pre-requisite 07 min

Costing & Finance Options 04 min

Download BLUEPRINT OF BUSINESS

Download Costing Sheet

Labour Costing Calculator

Section Summary (Introduction, Prerequisites and Costing) 20 min

Question and Answers - Forum [ LATEST UPDATE: MARCH 27, 2020 ] 08 min

Introduction 4 questions

02. Hydroponics - The Basics 6/7

What Is Hydroponics? 03 min

Why Hydroponics? 06 min

Types of Hydroponics 07 min

Myths and Facts about Hydroponics 05 min

Introduction to hydroponic masterclass

✓ You have marked this lesson as Completed

◀ Previous Lesson Course Structure

Next Lesson ▶

\*Only preview chapters are available on youtube as we get huge surge of people watching













COMMUNITY

**2,500+**

MEMBERS

FARMS MANAGED

**75+**

ACRES FARMS

CROPS DATASETS

**2400+**

FROM START TO HARVEST

FARM OPERATIONS

**75,00,000+**

LTRS WATER SAVED





1

## **Fertigation & Water Management**

Hydrobuild is designed with a self-learning capability. Its algorithm manages entire fertigation without any human intervention.

2

## **Seamless Integration with Farm Management**

Hydrobuild comes with API methodology and can communicate with farm management software on various fronts.

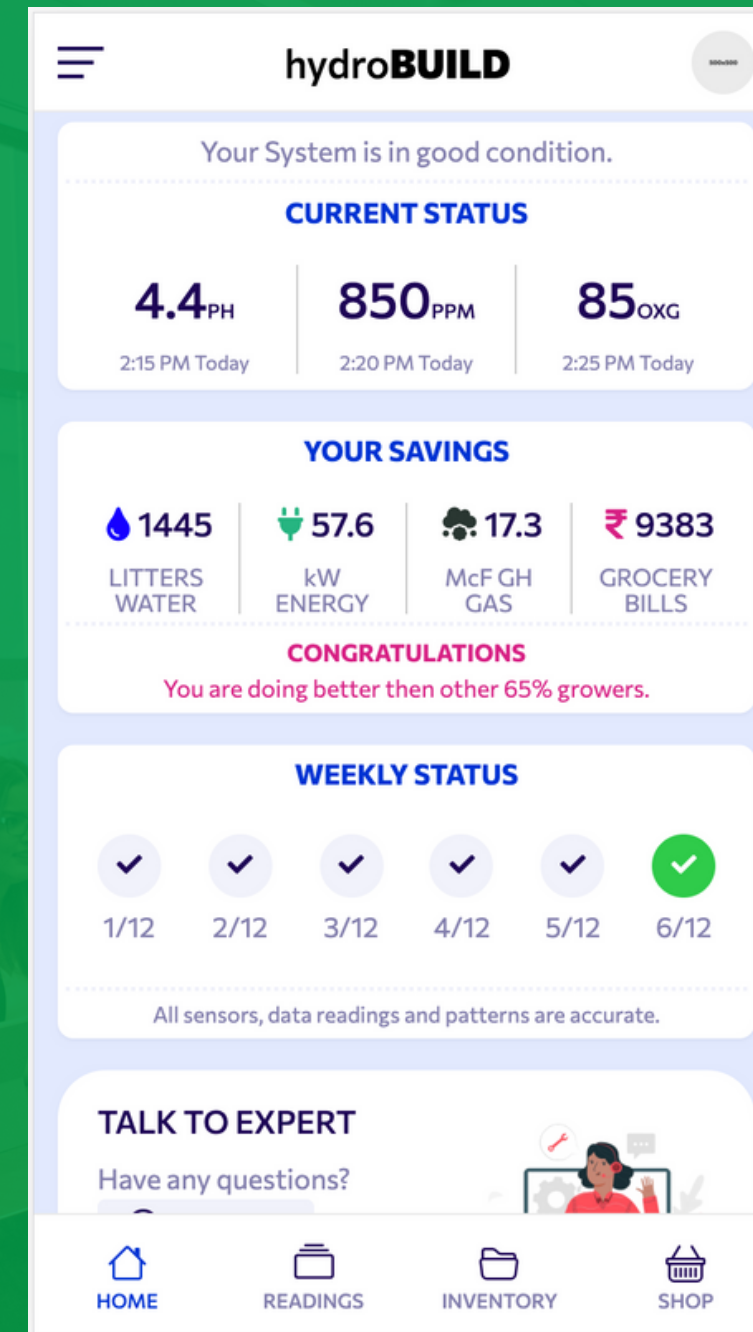
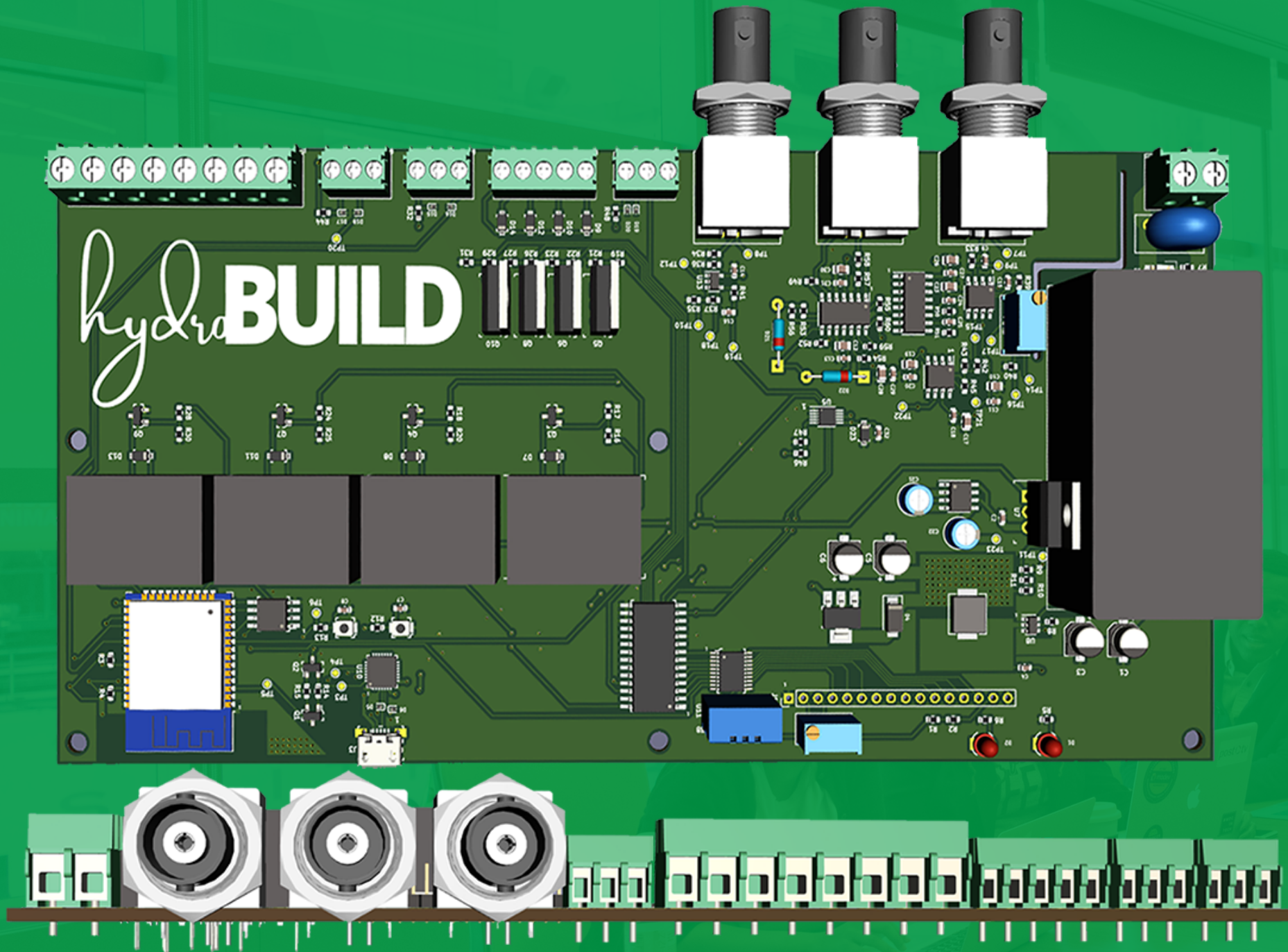
3

## **Expandable**

With hydrobuild, you can keep on expanding your farm area. Hydrobuild will apply its learning to bigger area with constant self correction.



















ACTIVE DATABASE

**10,000+**

CROPS



STATES & UT LOCATIONS

**28**

LOCATION MAPPING



AI & ML DATASETS

**1850+**

POINTS



PREDICTION CAPABILITY

**45**

DAYS





1

## Removing the guesswork

With Agriscreeener, we remove the guesswork out of the system regarding selling price of produce. Now we can plan better.

2

## Price-Comparison

We can now compare prices with different locations and at different times. Giving us more power to plan for Highest ROI crop.

3

## Buyers Connect

We don't just stop at fetching the price, Buyers can list out there requirement and connect with FPO's and farmers to buy the produce.

Price Trend



DATE	RETAIL PRICE	WHOLESALE PRICE	PRICE AT FARM
14 Sep 2021	₹147.50	₹100.30 - ₹92.93	₹95.88 - ₹88.50
13 Sep 2021	₹128.75	₹87.55 - ₹81.11	₹83.69 - ₹77.25
12 Sep 2021	₹133.40	₹90.71 - ₹84.04	₹86.71 - ₹80.04
11 Sep 2021	₹135.19	₹91.93 - ₹85.17	₹87.87 - ₹81.11
10 Sep 2021	₹139.58	₹94.91 - ₹87.94	₹90.73 - ₹83.75



# OUR WIDE REACH

We are global company!

**40,000+**

People Trained for Adoption  
& Setup of Hydroponic Farming

**135+**

Highly trained team of Agronomist,  
Engineers, Field Managers.

**4.7/5.0**

Universal Ratings from all users, in  
terms of learning and setup.

**15,00,000+**

Sq. Ft. Area Developed  
with Soilless Farming

**10,000+**

Crop wide database of growing crops  
in various climatic conditions

**180+**

Months of AI-Based Data Analytics  
for CROP-GROWTH-ENGINE





# OUR CUSTOMERS LOVE US

## 4.7/5.0 STAR RATINGS

**Saurabh Bhatia** recommends Hydroponic Masterclass.  
May 21 at 12:24 PM · 🌐

very comprehensive. Thanks a lot Sudhir

Like Comment Share Message

**Agro Techy** recommends Hydroponic Masterclass.  
May 18 at 8:42 AM · 🌐

Nice opportunity for online training

Like Comment Share Message

**Mayank Sanger Kps** recommends Hydroponic Masterclass.  
May 15 · 🌐

Best classes for Hydroponics

Hydroponic Masterclass and Ram Bhardwaj

Like Comment Share Message

**Sanjoy Das** recommends Hydroponic Masterclass.  
May 29 at 9:34 PM · 🌐

Very informative ! Good work

Like Comment Share Message

**Pranav K** recommends Hydroponic Masterclass.  
June 11 at 11:17 PM · 🌐

Best course if you really wanted to learn hydroponics from scratch.Very detailed and in understandable format. Thanks a lot to a team for this course.

Like Comment Share Message

**Darshan Khanna** recommends Hydroponic Masterclass.  
May 24 at 2:19 PM · 🌐

amazing course and very detailed . perfect for people who have zero knowledge about agriculture . keep up the good work. thanks a ton

Like Comment Share Message

**Kumar Kinshuk** recommends Hydroponic Masterclass.  
June 13 at 5:13 PM · 🌐

Awesome and well explained...

Like Comment Share Message

**Mohit Bhardwaj** recommends Hydroponic Masterclass.  
May 15 · 🌐

great for farming and business as well  
its a learn and then earn process with hydroponic master class great support

Hydroponic Masterclass

Like Comment Share Message

Comment as Hydroponic Masterclass

**Rajeev Kulkarni** recommends Hydroponic Masterclass.  
June 6 at 11:19 PM · 🌐

This course will help all those who wish to start farming, specially hydroponic farming as present environment is unpredictable and under such conditions, hydroponics is the answer.

Like Comment Share Message

Comment as Hydroponic Masterclass

**Ganesh Kshirsagar** recommends Hydroponic Masterclass.  
May 26 at 11:17 PM · 🌐

I started the course with the objective to get knowledge initially, but planned to start with a 700-800 sq.ft. terrace hydroponic farm at my home. Will experiment with hydroponic system with different types of crops and gain experience for a commercial farm in near future. I like specially the small-small details given, which plays important role in my knowledge gain.

1 Share

Like Comment Share Message

Comment as Hydroponic Masterclass

**Mayank Kasana** recommends Hydroponic Masterclass.  
May 15 · 🌐

FOR HYDROPONIC KNOWLEDGE This is fantastic..! Lots of good stuff in here to learn..love at the videos are broken up into small increments...so if u r a busy person but have some times to spare you can get through one of the segments....

Hydroponic Masterclass and Ram Bhardwaj

Like Comment Share Message

Comment as Hydroponic Masterclass

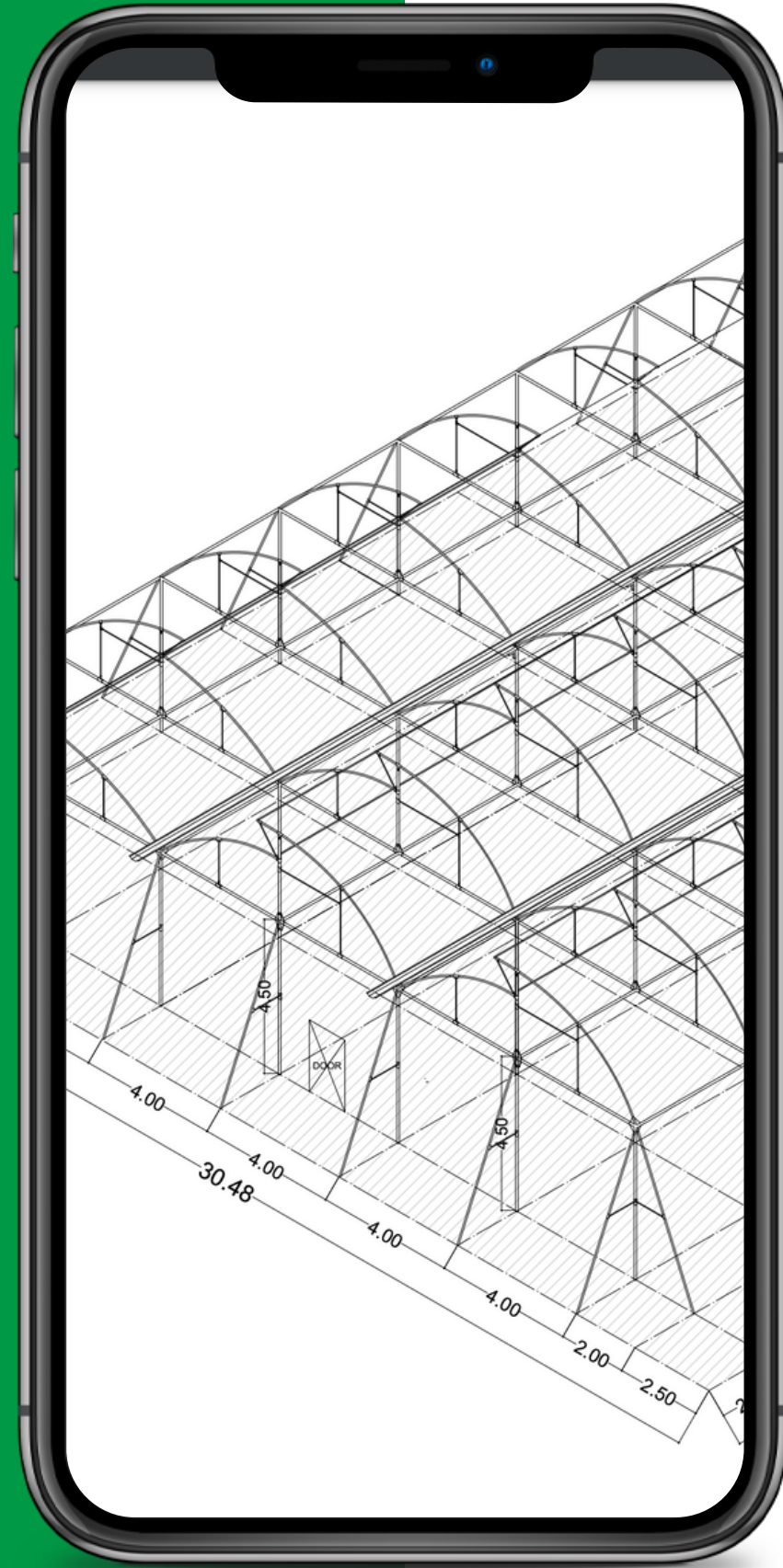
**Vijay Adhikari** recommends Hydroponic Masterclass.  
May 31 at 11:10 PM · 🌐

Very detailed and step wise explanation , makes it easy to understand and implement.

Like Comment Share Message



Manage every SqFt  
area to it's full  
potential



**With mobile flexibility,  
we can expect to  
maximize yield by  
700%.**

We have given power in hands of you, With fast back-ward tracing of every action. You know what is happening, how it's happening and what team is doing. **EVERYTHING REALTIME.**

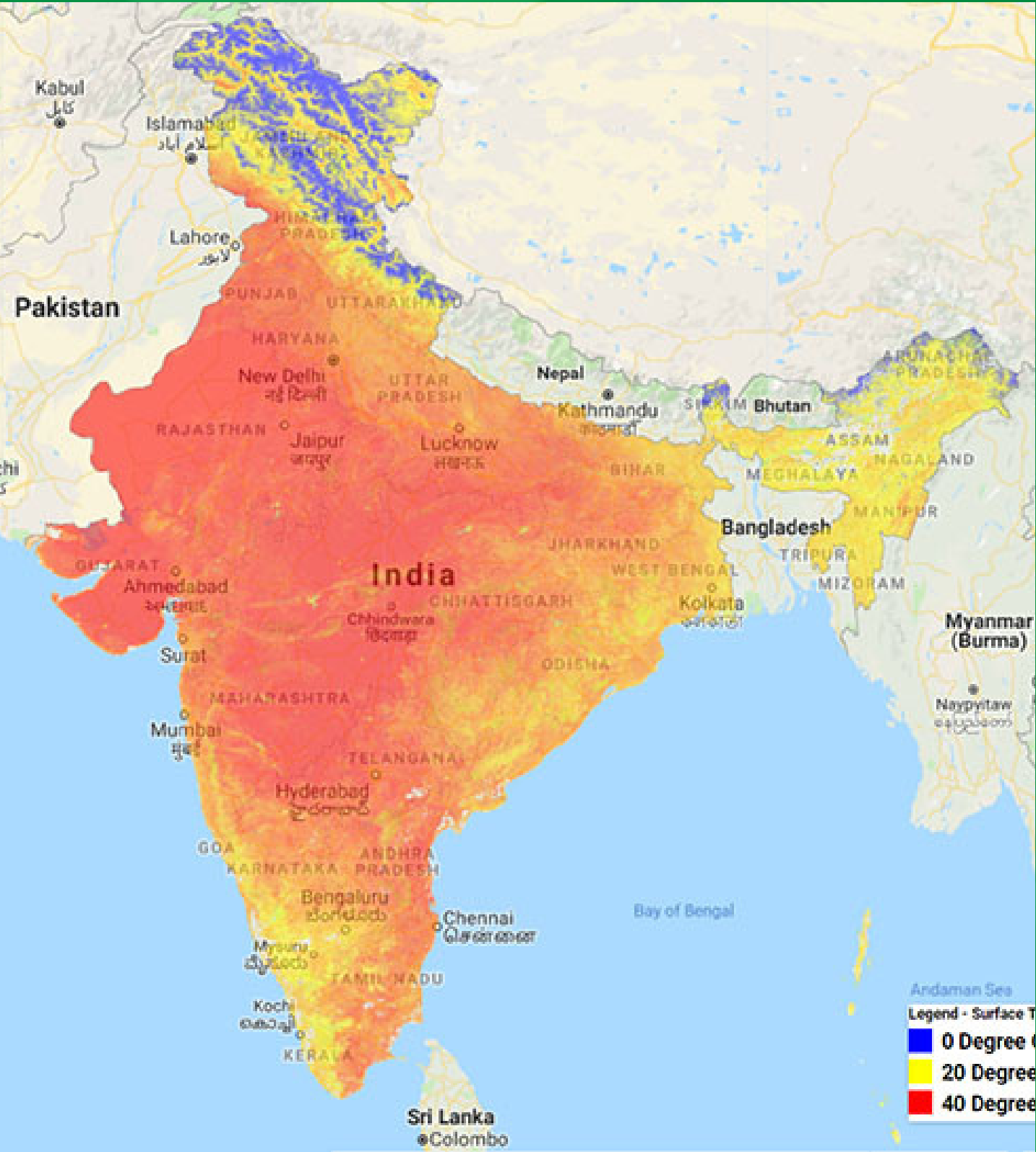


# Designed for India, Available for the world.

We have developed system which works in predictive manner despite of fluctuating temperature and humidity situation.

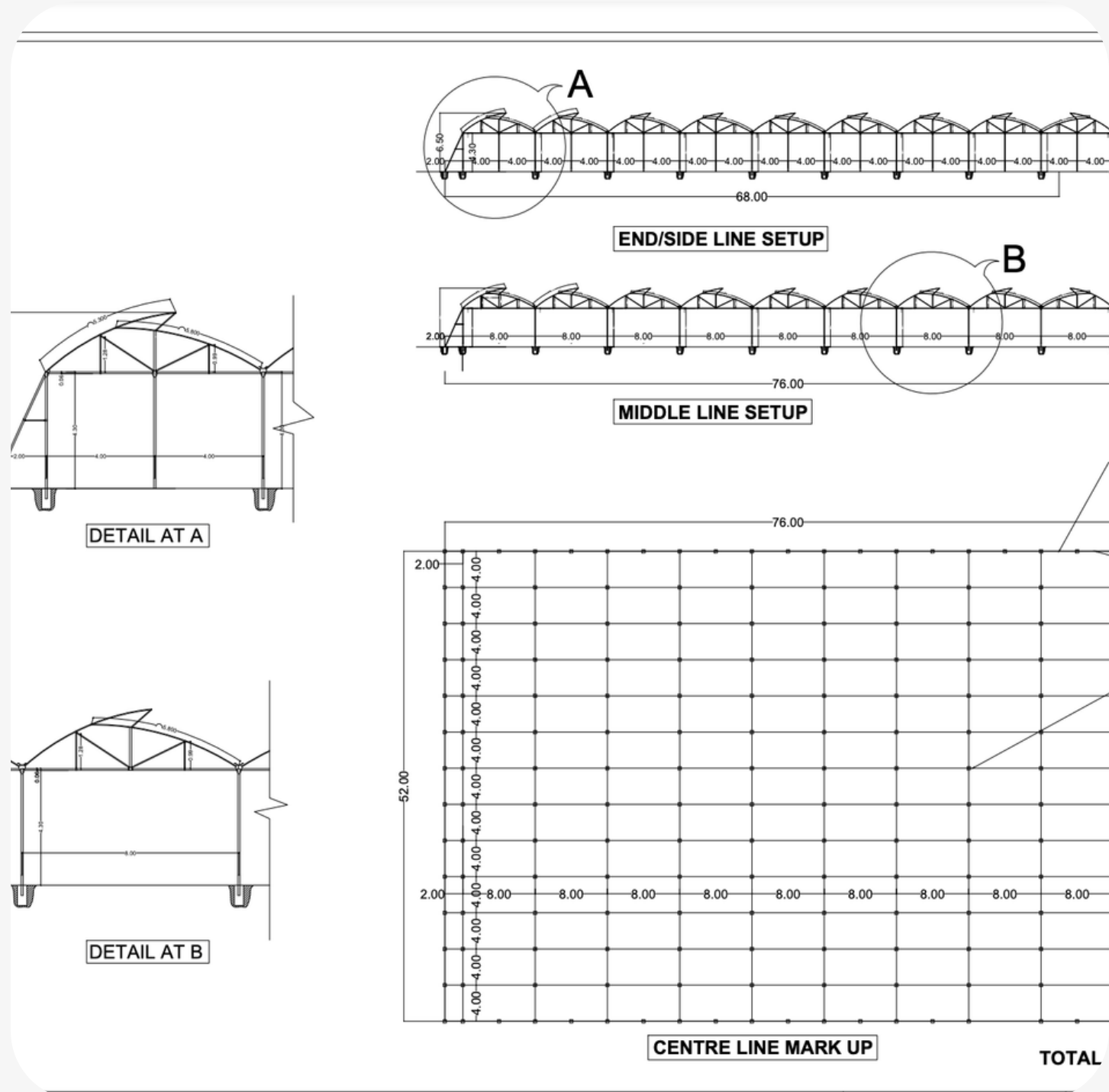
		RELATIVE HUMIDITY																
		2%	5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%
INCOMING AIR TEMPERATURE	24°C	12°C	13°C	14°C	14°C	15°C	16°C	17°C	17°C	18°C	18°C	19°C	19°C	20°C	21°C	21°C	22°C	22°C
	27°C	14°C	14°C	16°C	17°C	17°C	18°C	19°C	19°C	20°C	21°C	22°C	22°C	23°C	23°C	24°C	24°C	25°C
	29°C	16°C	17°C	17°C	18°C	19°C	20°C	21°C	21°C	22°C	23°C	23°C	24°C	24°C	25°C	26°C	27°C	
	32°C	18°C	18°C	19°C	21°C	21°C	22°C	23°C	24°C	25°C	26°C	26°C	27°C	28°C	28°C	29°C	30°C	
	35°C	19°C	20°C	21°C	22°C	23°C	24°C	26°C	26°C	27°C	28°C	29°C	29°C	30°C				
	38°C	21°C	22°C	23°C	24°C	26°C	27°C	28°C	28°C	29°C	31°C	31°C						
	41°C	22°C	23°C	25°C	26°C	27°C	29°C	30°C	31°C	32°C								
	43°C	24°C	25°C	27°C	28°C	29°C	31°C	32°C	33°C									
	46°C	26°C	27°C	28°C	30°C	32°C	33°C	34°C										
	49°C	27°C	28°C	30°C	32°C	34°C	35°C											
	52°C	28°C	30°C	32°C	34°C	36°C												

From 12 degrees to 52 degrees temprature and from 2% humidity to 80% humidity, Our system can sustainanything.





# Planning

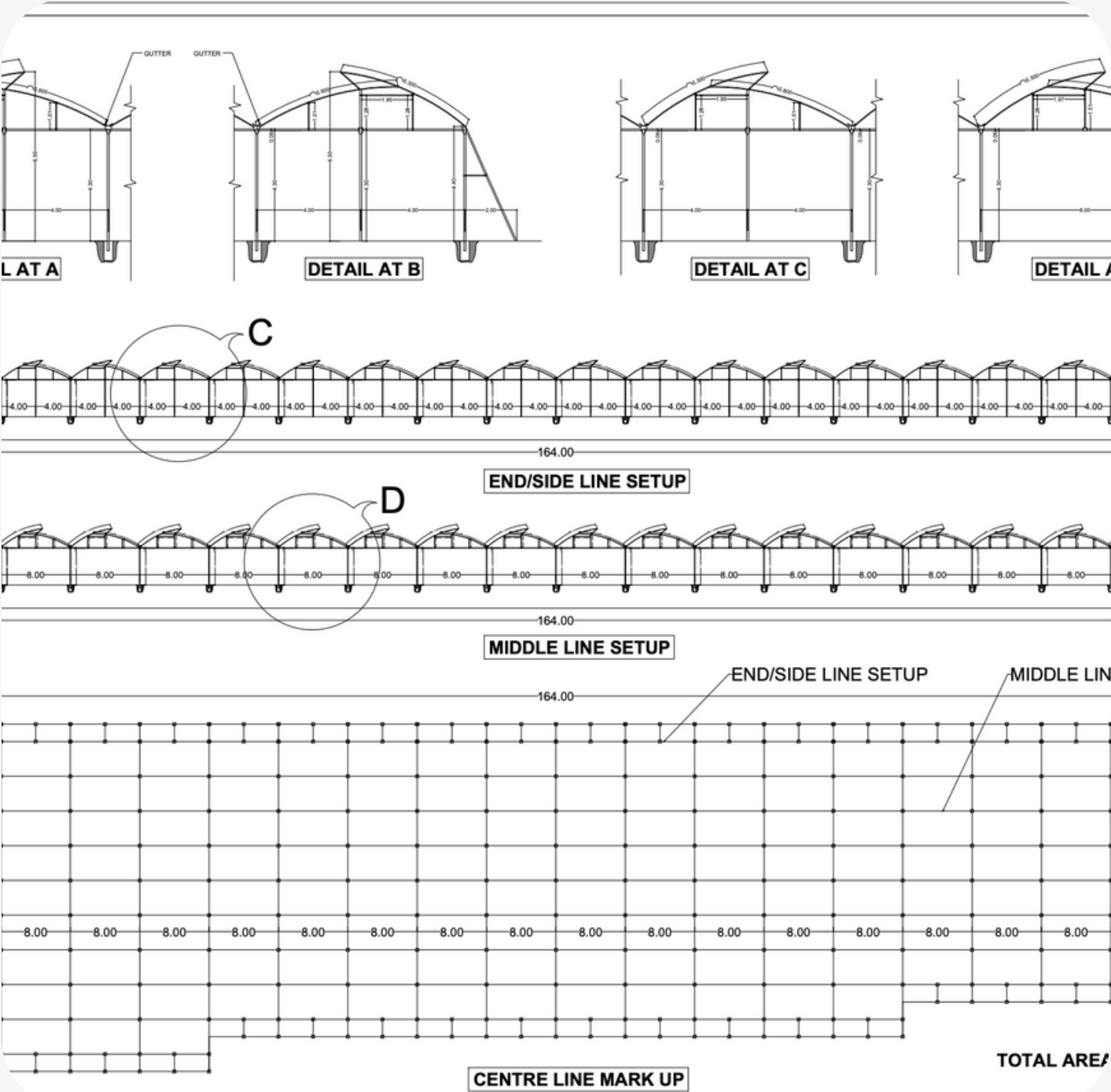


# Implementation





# Planning

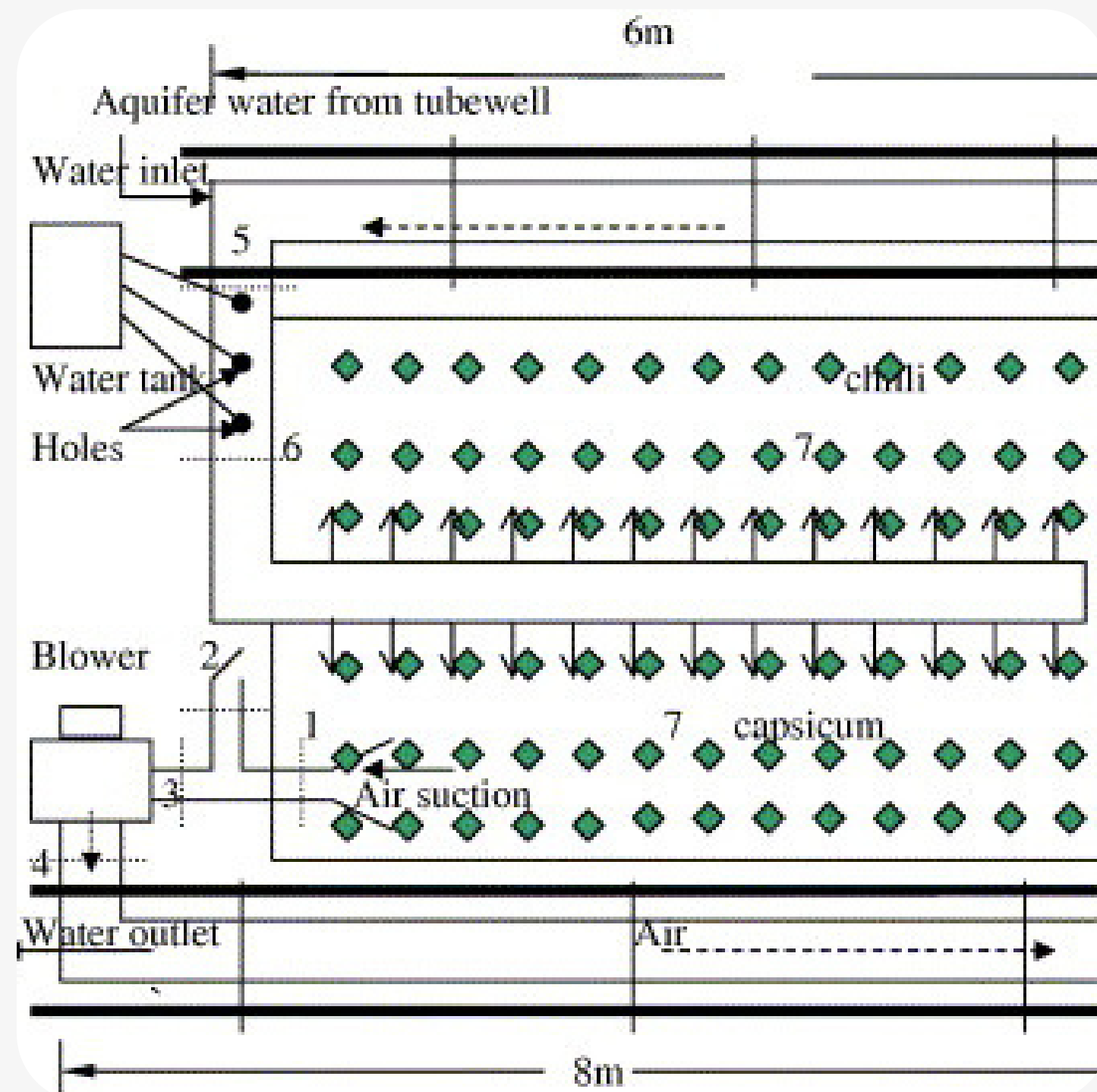


# Implementation





# Planning



# Implementation





# Planning

## K Houston

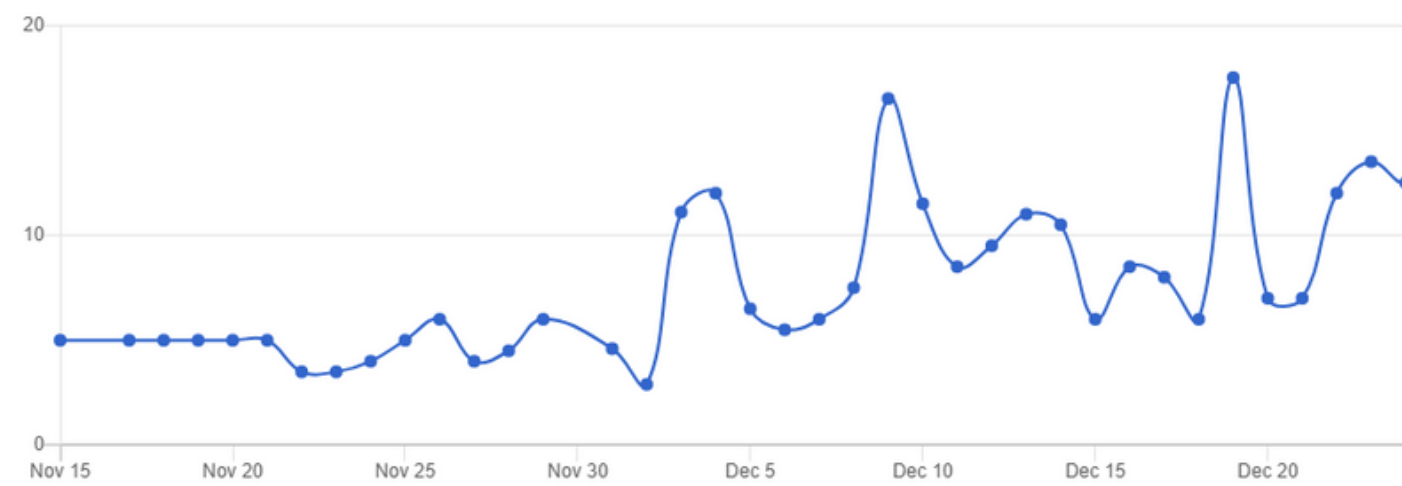
[Home](#)

MINUSONE

Name	MINUSONE
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Farm units	1
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Farm Output / Weight



## Farm Outputs

# Implementation





What to expect?

## Project Planing / Business Developement

### Project Planning

We help you visualize and plan projects. Consult and set up projects at provided locations. And make the project operational.

**15,00,000+**

Sq. Ft. Area Developed  
with Soilless Farming

### Business Development

We develop business on a developed project with help of our proprietary software systems. Do market research and find channels to sell produce.

**2,500+**

Crop wide database of growing crops  
in various climatic conditions



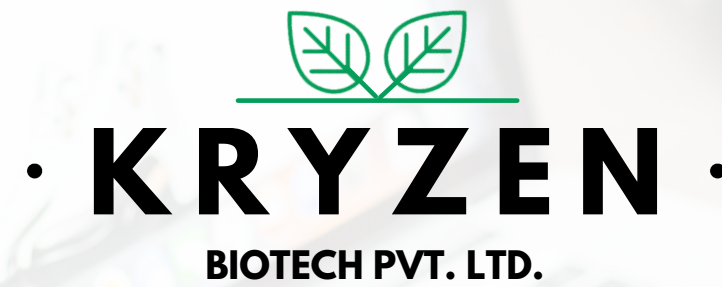


# **30+ FARMS DEVELOPED**

Get in touch with us today to  
schedule your farm visit.

**+91-9870424425**





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