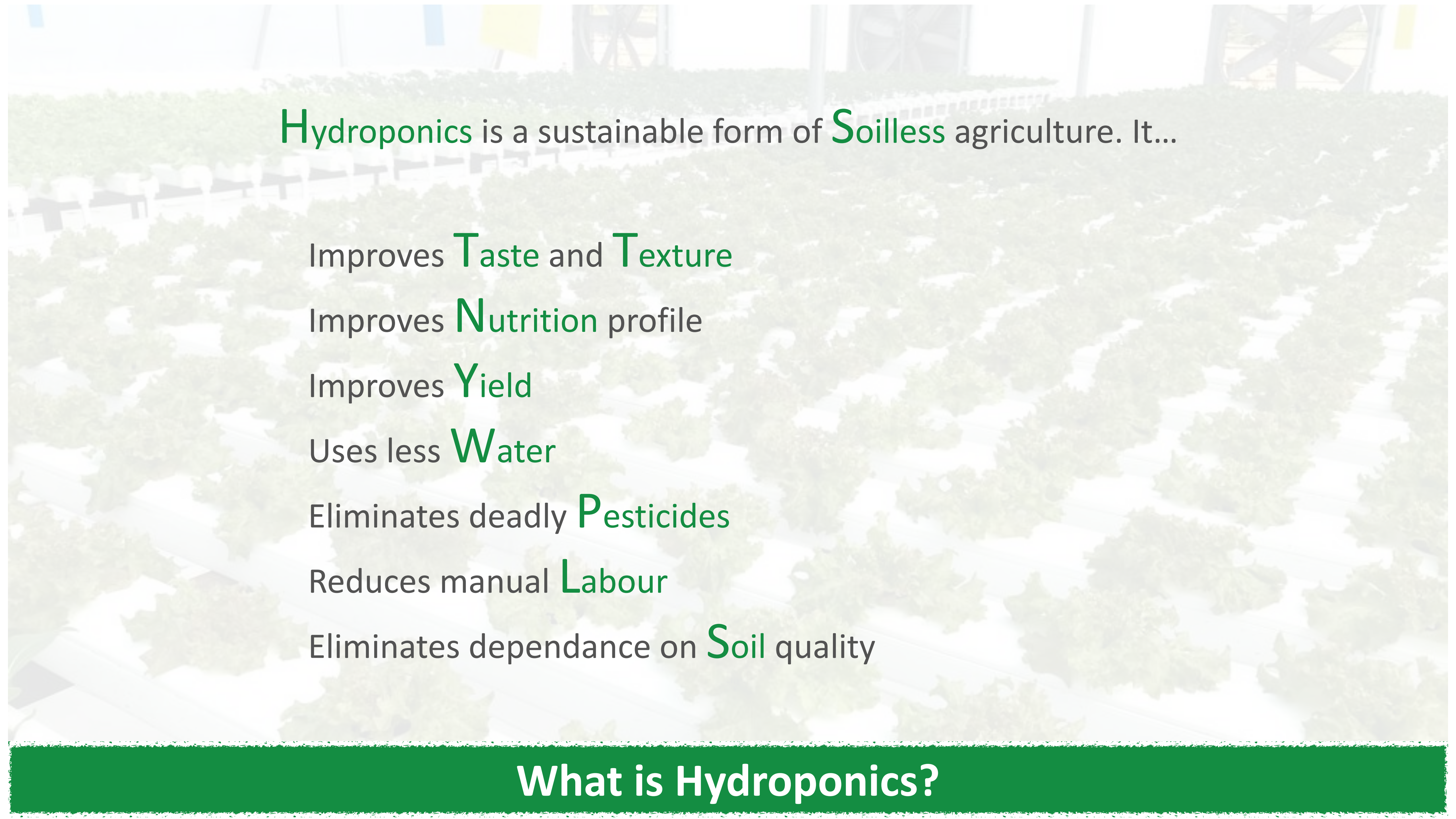


A man with a beard and mustache is holding a large, vibrant green leaf in front of his face, partially obscuring it. The background is a solid teal color. The text is overlaid on the image.

We create solutions
using which
Anyone Can Grow

Simple.
Effective.
Automatic.

City Greens



Hydroponics is a sustainable form of Soiless agriculture. It...

Improves Taste and Texture

Improves Nutrition profile

Improves Yield

Uses less Water

Eliminates deadly Pesticides

Reduces manual Labour

Eliminates dependance on Soil quality

What is Hydroponics?

Commercial Hydroponic farmers grow low height plants like **Leafy greens** and **Vining crops** that do not take support from the growing structure

Lettuces like Butterhead, Romaine, Oak, Lollo Rosso, Summer Crisp, etc.

Herbs like Basil, Thyme, Rosemary, Oregano, Parsley, Sage, Mint, etc.

Exotics like Arugula, Swiss chard, Kale, Bok-choy, Celery, Tat-Soi etc.

Leafy greens

Peppers like coloured Capsicum, Snack Peppers, Chillis, Jalapeños, etc.

Tomatoes like Cherry tomato, Beefsteak, Burpee, San Marzano tomato, etc.

Cucurbits like Cucumbers, Gherkins, Zucchini, English Cucumber, etc.

Vining crops

Which crops can be grown using Hydroponics?

Environmental control, **Hydroponic** technology and **Automation** are the three important components of any Urban Farm

Environmental control is achieved by enclosing the farm in a structure like a net-house, **Poly-house**, or a building (in case of a vertical farm with artificial lights)

Automation can be implemented at different levels to automate different sub-systems.

Broadly, used for **Climate** control, **Nutrient** control, **Irrigation** control, and **Lighting** control

Leafy greens grow well in **Nutrient Film Technique**(NFT) or **Deep Water Culture**(DWC) growing systems.

Vining crops grow well in **Dutch buckets** or **Cocopeat** based grow slab systems

What are the components of a Hydroponic farm?

Setup Cost		Climate controlled polyhouse for Leafy Greens	Naturally ventilated polyhouse for Leafy Greens + Vining Crops	Shade Nethouse for Vining Crops w/o rain protection
Size Hydroponic Technology No. of Plants (Total)		1,008 sqM	1,008 sqM	1 Acre
		DWC/NFT	DWC/Grow Slabs	Grow Slabs
		33,600	17,840	14,500
Polyhouse (Lakhs) Hydroponic System (Lakhs) Automation System (Lakhs)		16 - 17	11 - 12	16 - 17
		24 - 30	21 - 23	24 - 26
		3 - 5	3 - 5	2 - 5
Setup Cost (Lakhs)*		43 - 52	35 - 40	42 - 48

*The budgets have been shared on best effort basis, at the prevailing prices, for specific configuration of Farms

**Excluding infrastructural cost at your end towards RCC work, Bore-well, tanks, storage room, labour room, etc.

How much does it cost to setup a Hydroponic farm?

Revenue Potential		Climate controlled polyhouse for Leafy Greens	Naturally ventilated polyhouse for Leafy Greens + Vining Crops	Shade Nethouse for Vining Crops w/o rain protection
Size Hydroponic Technology No. of Plants (Total) No. of Plants (Cultivation bed) Avg. Yield per Plant (grams) Avg. cycles per year Avg Annual Yield (Tonns) Avg Sale Price Per Kg*				
		1,008 sqM	1,008 sqM	1 Acre
		DWC/NFT	DWC/Grow Slabs	Grow Slabs
		33,600	17,840	14,500
		23,400	13,040	14,500
		100 - 120	140 - 170	2,700 - 3,300
		10.4	10.4	1
		24 - 29	19 - 23	39 - 48
		120	130	80
Annual Revenue (Lakhs)		29 - 35	25 - 30	31 - 38

*Average sales price is assuming a B2B sales at bulk price to resellers for polyhouse farms.

**The data has been shared on best effort basis, based on our experiences and experiences of our customers. The prices may vary from geography to geography and time to time based on prevalent demand-supply situation.

How much money can I make?

Revenue Potential		Climate controlled polyhouse for Leafy Greens	Naturally ventilated polyhouse for Leafy Greens + Vining Crops	Shade Nethouse for Vining Crops w/o rain protection
Size Hydroponic Technology No. of Plants (Total)		1,008 sqM	1,008 sqM	1 Acre
		DWC/NFT	DWC/Grow Slabs	Grow Slabs
		33,600	17,840	14,500
Avg. Annual Revenue Avg. Annual Expenses Profit		32	27	34
		15	12	15
		17	15	19
Investment		43 - 52	35 - 40	42 - 48
Years to recover Investment		2.5 - 3.1	2.3 - 2.7	2.2 - 2.5

*The cost towards packaging, marketing, and shipping etc. to the customer are not included. Those will impact the break-even period.

**The data has been shared on best effort basis, based on our experiences and experiences of our customers. The actual numbers may differ depending upon prevalent market conditions.

How long will it take to break-even?

The **Right** kind of farm for you will depend upon multiple factors like **Location**, **Climate**, **Market access**, **Demand-supply gap** etc. Following are a few options you may want to choose from

Polyhouse

Naturally Ventilated
Fan and Pad
Net-house
Hybrid

Crops

Exotics
Lettuces
Herbs
Vining crops

Automation

Climate
Irrigation
Nutrients
Chiller

Technology

NFT
DWC
Dutch Bucket
Grow Bags

Yes, we know it's not **Easy**. But nothing worthwhile is. Reach out to us and we will help you guide through the **Right Choices** specific to your case

So which kind of farm should I set-up?

We are

City Greens

India's leading **Agri-Tech** startup in the domain of **Hydroponics** and **Vertical Farming**

Supported by:



- 2018 - winner of **10** Lakh grant award by **Ministry of Science & Technology, Govt**
- 2019 - runner-up, Elevate 100, organised by Govt. of Karnataka
- 2020 - winner of **25** Lakh grant award by **Ministry of Agriculture, Govt**
- 2021 - runner-up, Agri Start-up awards by FICCI

We support:



Proprietary Hydroponic Nutrients, Superior NFT Channels with dual opening mechanism, Dutch Buckets, Indoor grow lights for Vertical Farming, Proprietary Automation suite for climate control, nutrient control and precision farming - We manufacture all of these in India

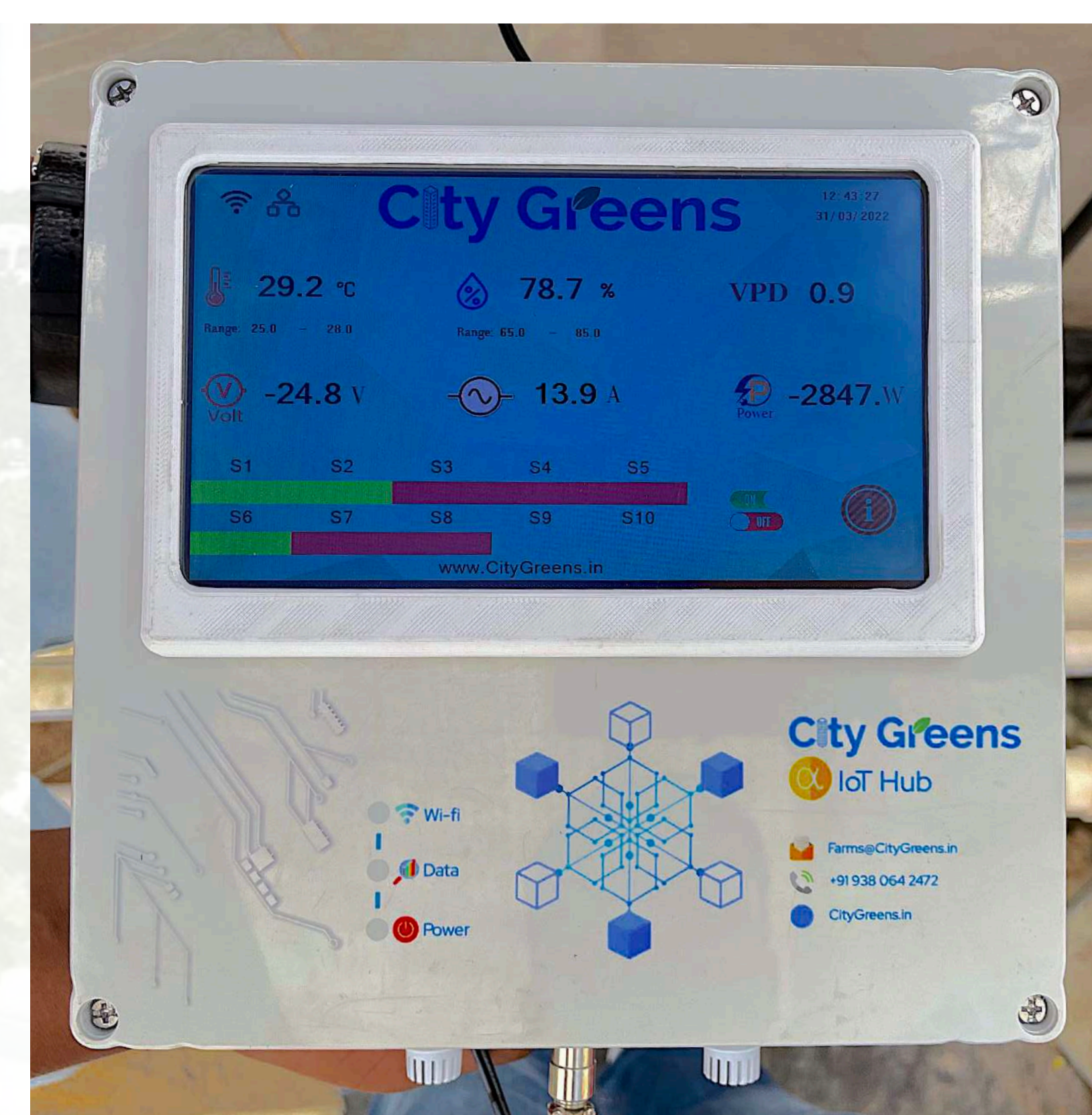
Who are we?



Reason 1 - At 10,000 sqft, we probably operate the largest private infrastructure dedicated purely to R&D in the country



Reason 2 - More than 30% of our work-force holds a professional degree in Agriculture or allied sciences

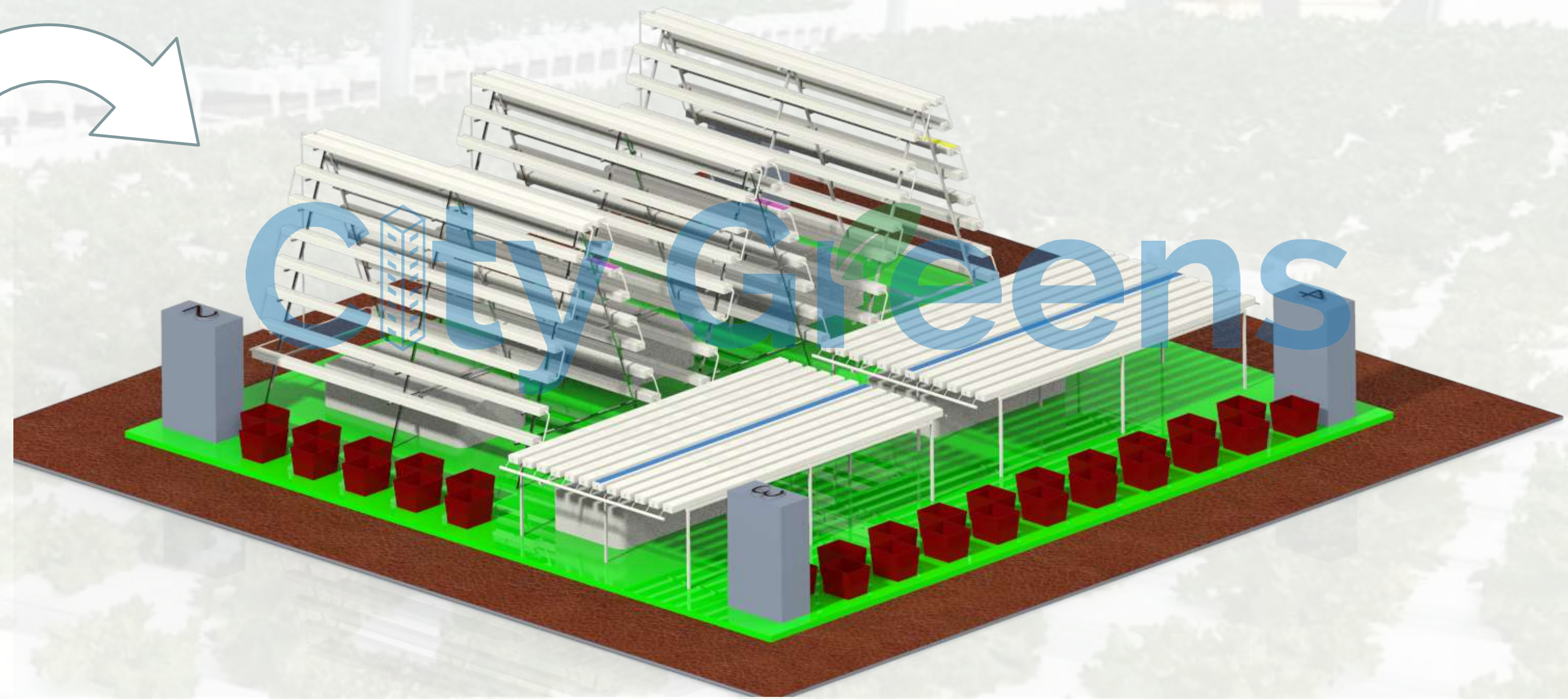


Reason 3 - IoT enabled automation suite developed by farmers and techies. The same suite that we use in our farms every single day.

Why should you choose CityGreens?

Step 1: Discovery

Over a couple of rounds of discussions, we understand your requirements and motivations to be able to come up with a solution that serves you best.



Step 2: Prototyping

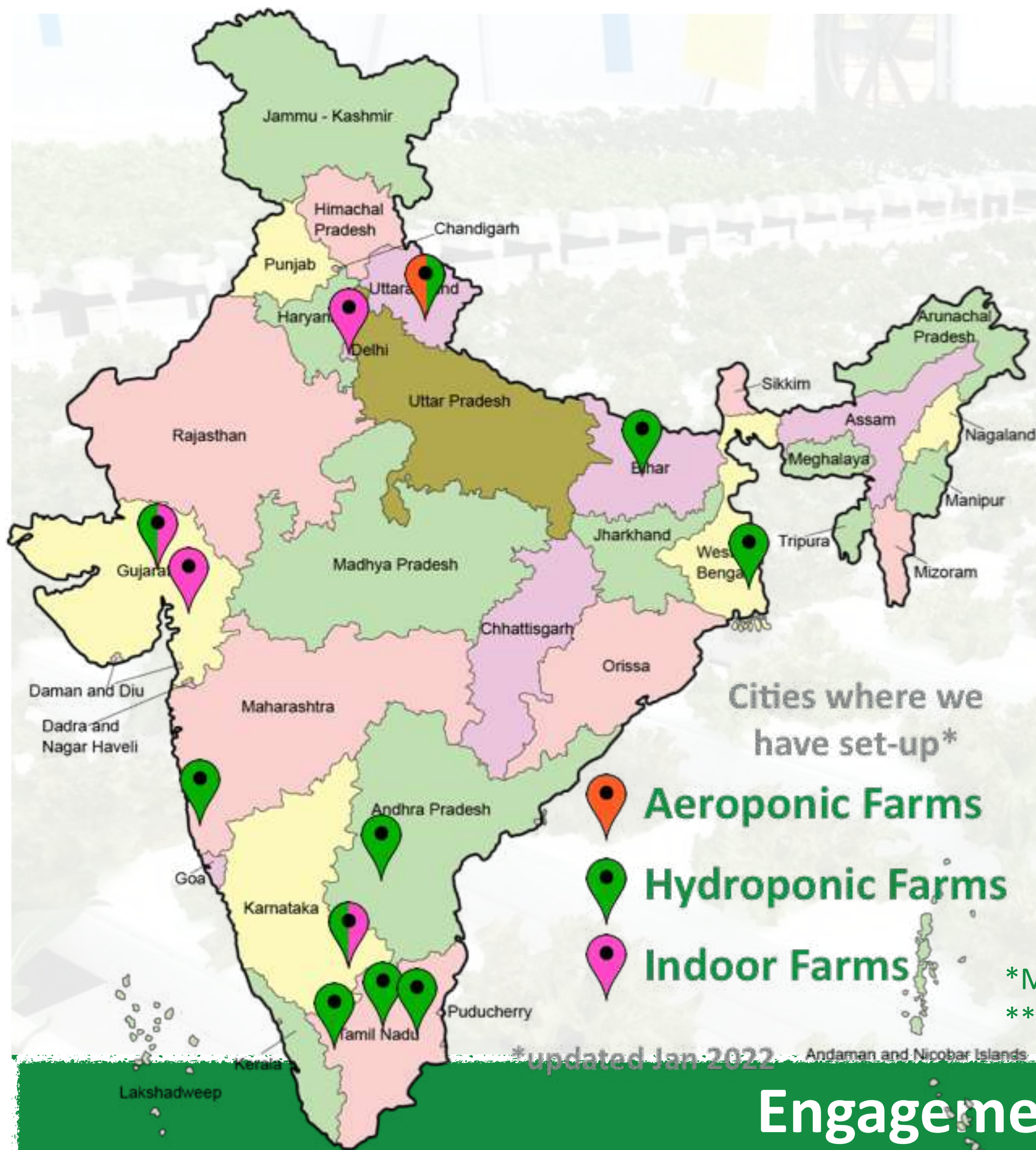
We create a prototype design for your farm. Help you with selection of crops and understand the expected cycle-time, yields, costs, etc.



Step 3: Commissioning

We set-up the farm in 8 to 10 weeks from design approval. We operationalise the farm, deliver on-site training, and continue to provide agronomy support post set-up.

How does it work?



1. EPIC: We take care of Engineering, Procurement, Installation and Commissioning to give you an operational farm that you can run going forward.

Once the farm is operationalised, we further provide Agronomy support for 1 Year.

2. EPIC +: Everything in EPIC + Sales support through assured buy-back*.

*Metros - Minimum size 1 Acre within 30 kms and 3 Acres within 70 km

**Tier 1 cities - Minimum size 3 Acres within 30 kms and 5 Acres within 70 km.

Engagement Models

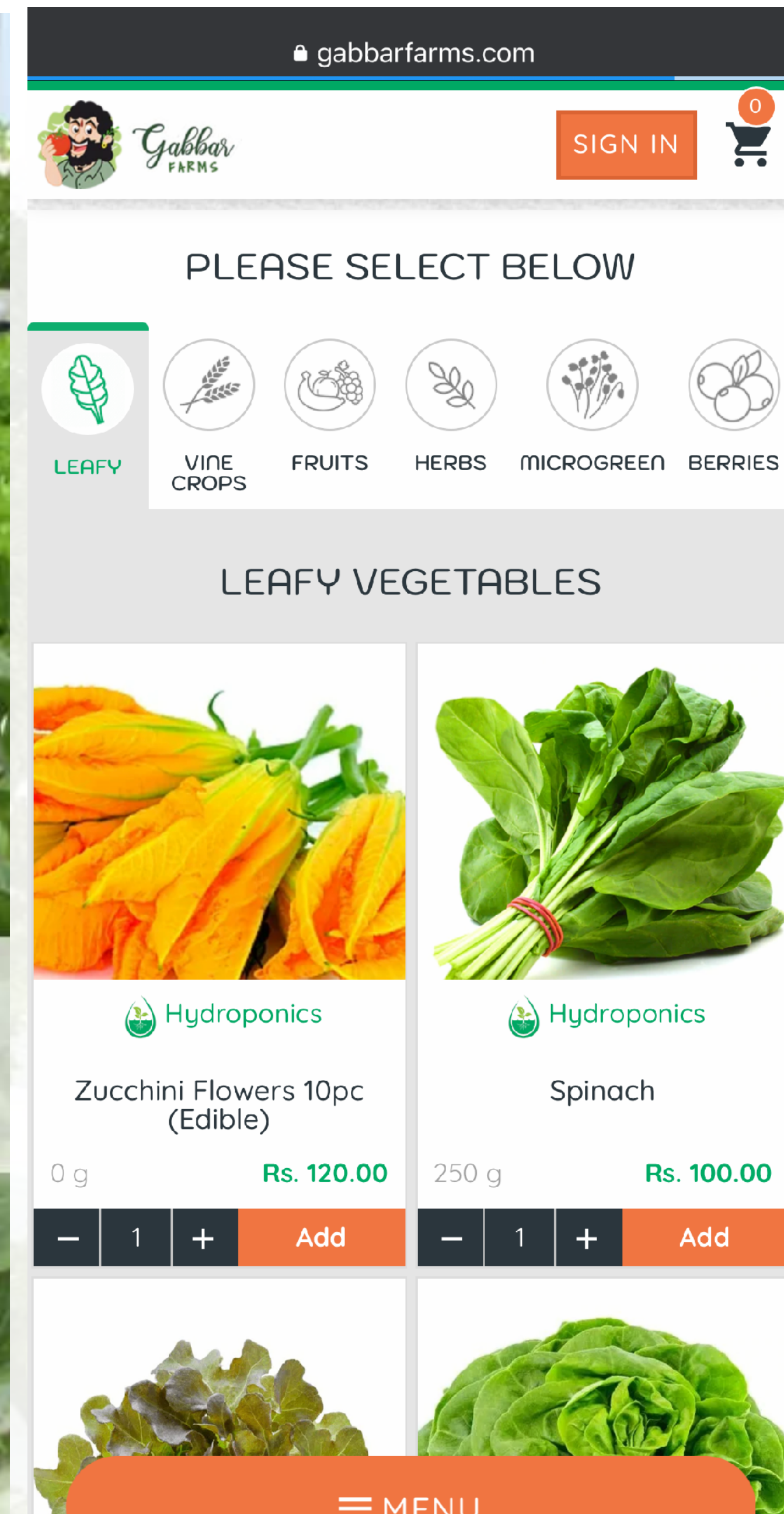
EPIC

Gabbar Farms is located in
Ahmedabad.

It's a climate controlled farm
spread over 1008 sqM with 50% of
area dedicated to growing vining
crops and 50% to growing leafy
crops.



Gabbar Farms
Ahmedabad



NFT + Grow Slabs... Since 2020

EPIC +

Suvarna Hasiru is located in Bangalore.

It's a naturally ventilated farm spread over 1100 sqM with 60% of area dedicated to growing vining crops and 40% to growing leafy crops.

Suvarna Hasiru
Bengaluru

City Greens



Spinach | 500
Grams | BLR

Rs.70.00

~~Rs.90.00~~

- 1 +

Add to Cart



Swiss Chard |
500 Gm | BLR

Rs.90.00

~~Rs.120.00~~

- 1 +

Add to Cart



Basil | 500



Thyme | 100 Gm

NFT + Dutch Buckets... Since 2021

EPIC*

Licensed production of medical grade Cannabis.

It's a climate controlled, fully automated, Aeroponic farm that will run on CityGreens technology suite.

*Project underway - image as of March 2022

**Client details confidential - as per client's request



Aeroponic Growing Chambers... Commissioning in 2022

Write to us: farms@CityGreens.in
Leave a WhatsApp: +91 93806 42472

Check us out: www.CityGreens.in
Buy Hydroponic Supplies: www.CityGreens.shop
Explore Automation Suite: www.CityGreens.app
Buy Hydroponic Produce: www.CityGreens.farm

Bangalore

KR Road
Banashankari - 2nd Stage

Ahmedabad

iCreate, Deo Dholera
Opp. Kensville Golf Resort

Thank You