

REINVENTING FOOD

**AgriTech**

**LANO**

+91-9876519966, [lanoagri.tech](http://lanoagri.tech), [contact@lanoagri.tech](mailto:contact@lanoagri.tech)

# Catalogue

About Lano AgriTech

Why controlled horticulture?

Growlights

GrowKit (with Variations)

Nutrients

MyFarm

Contact Us

# ABOUT OUR COMPANY

WE ARE A RESEARCH DRIVEN AND ONE OF THE MOST INNOVATIVE CONTROLLED AGRICULTURE STARTUPS IN THE WORLD. OUR AIM IS TO PROVIDE THE HIGHEST QUALITY EQUIPMENT AT ECONOMICS THAT MAKE SENSE.



\*REAL PICTURE FROM A CLIENT'S FARM.

**Technology is to be  
symbiotic with nature,  
not to attempt to have  
dominion over it**

- ANHAD SANDHU

# WHY CONTROLLED HORTICULTURE?

## HEALTH

Food grown indoors is grown without pesticides and any additives that might be used to grow crops outdoors on a commercial scale. There are no unknown hydrocarbons, but only pure compounds for your plant to convert into food.

## CONVENIENCE

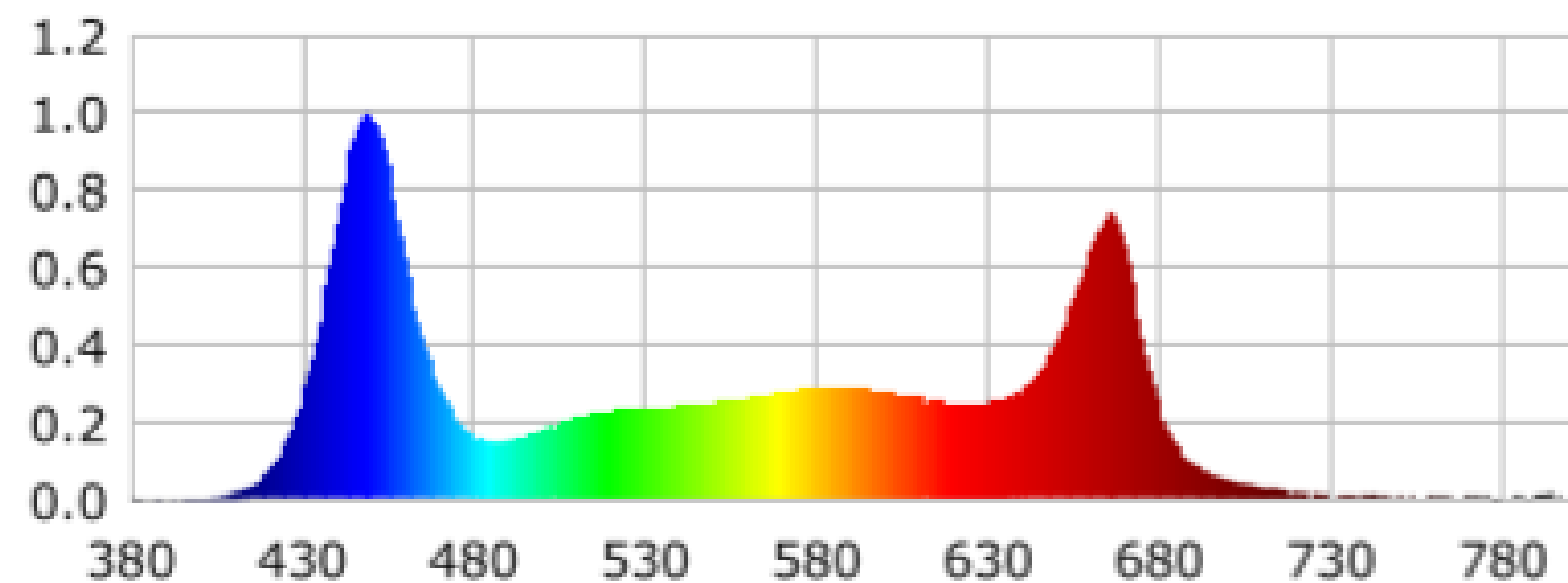
Because your food is grown at your own house, in city centers or in enclosed facilities in your city outskirts, your food is available for you at a moments notice instead of having to travel thousands of kilometers.

## AWARENESS

As you are seeing your own food grow, and are noticing the water and space savings you also realise the environmental impact of our daily actions. You build awareness of the plant, awareness of your own body.

# Technical Specifications:

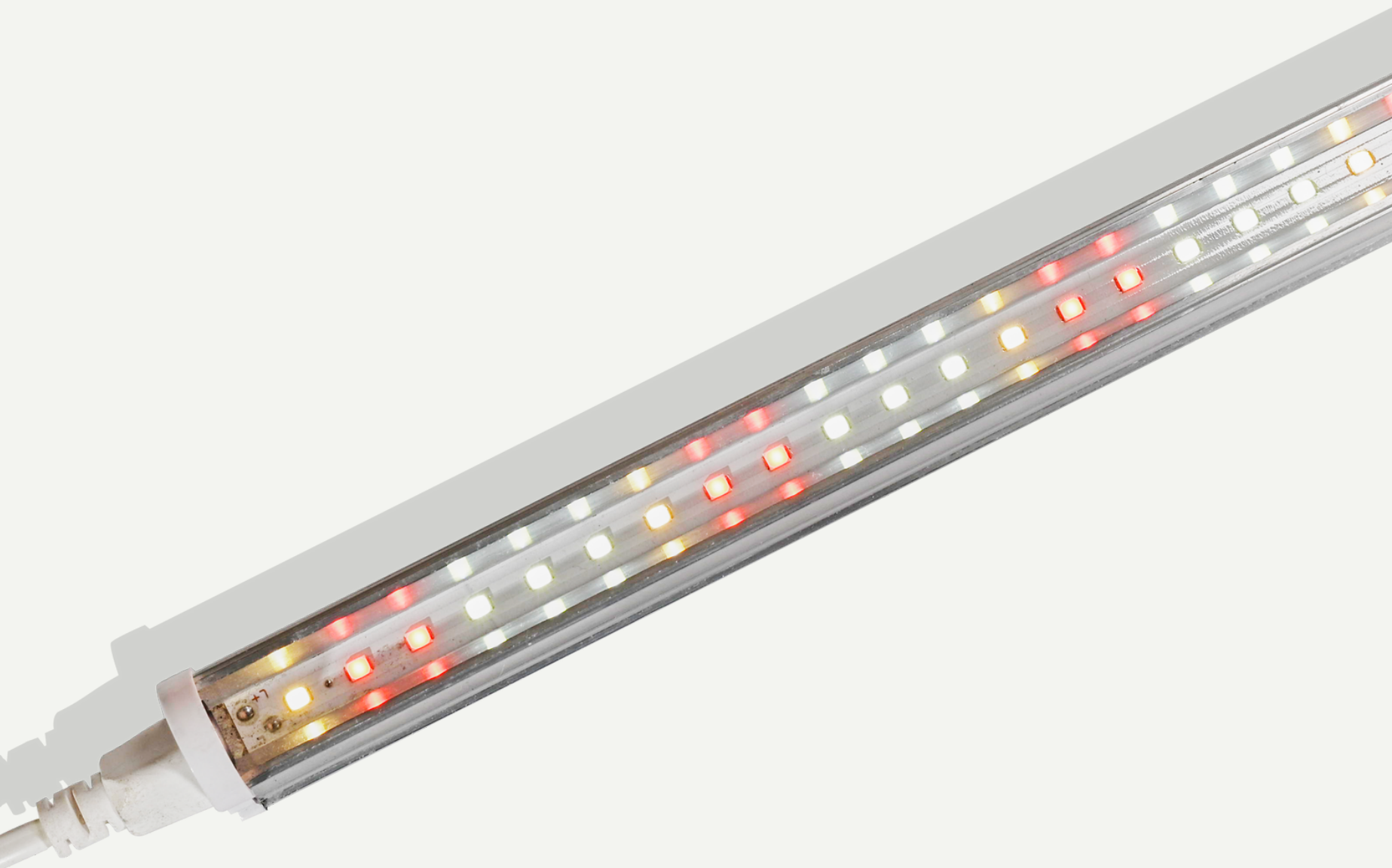
- 36W, 210-240V
- Daisy Chain <15 lights
- PPFD at 30cms 150  $\mu\text{mol}/\text{m}^2/\text{s}$
- PPFD at 25cms 185  $\mu\text{mol}/\text{m}^2/\text{s}$
- PPFD at 20cms 205  $\mu\text{mol}/\text{m}^2/\text{s}$
- Aluminium Body with high thermal conductivity thermal pads and paste. Optically clear PC Diffuser
- 2.5 year warranty
- 440nm peak wavelength, 660nm Secondary Wavelength.
- All purpose use, emulates the spectral distribution of the sun



# THE PORTA-SUN 36W FULL SPECTRUM

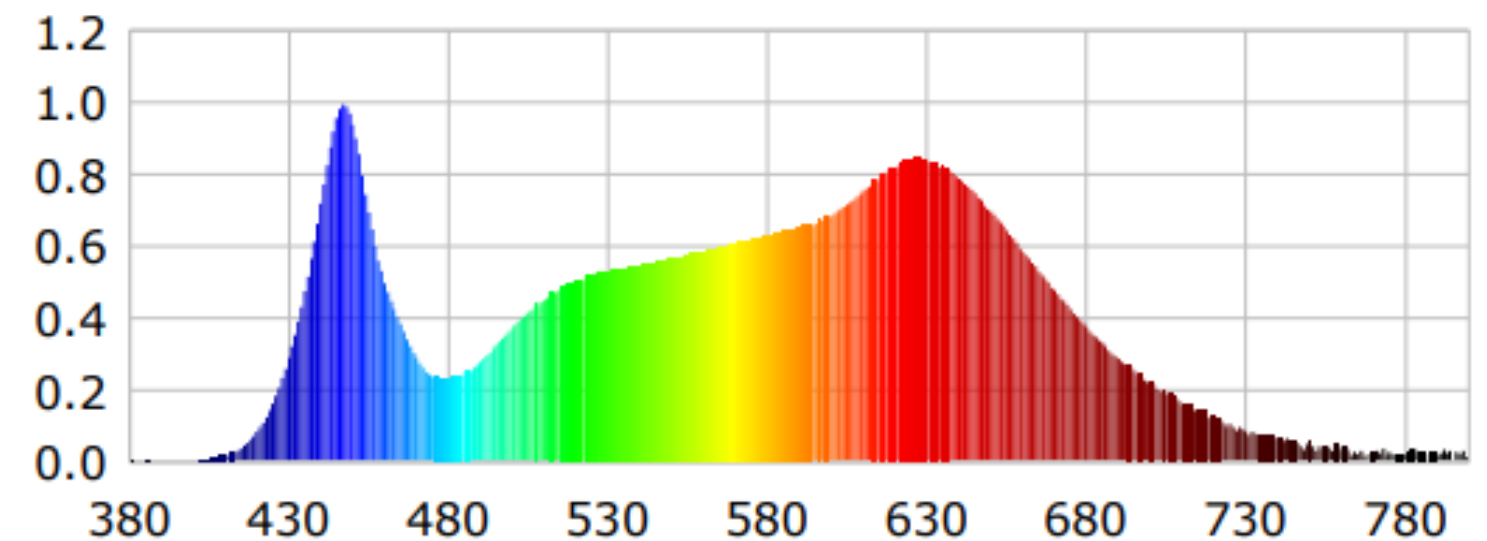


# THE FLOWERPOWER 24W FLOWERING BIASED



## Technical Specifications:

- 24W, 210-240V
- Daisy Chain <15 lights
- PPFD at 30cms 85  $\mu\text{mol}/\text{m}^2/\text{s}$
- PPFD at 25cms 90  $\mu\text{mol}/\text{m}^2/\text{s}$
- PPFD at 20cms 105  $\mu\text{mol}/\text{m}^2/\text{s}$
- Aluminium Body with high thermal conductivity thermal pads and paste. Optically clear PC Diffuser
- 2.5 year warranty
- 660nm peak wavelength
- For use in the flowering stage



# THE GROWKIT

## THE H-C HYDROPONIC SOLUTION



### Technical Specifications:

- 675mm x 100mm x 80mm Powder Coated Steel Growchannel with space for 11 plants and Fertigation Well with PP Cap
- LED Growlight 10W with 450nm peak and 450nm-650nm range
- Water Pump 5W
- Germination Kit with Humidity dome, 2 types of seeds and cocopeat
- TDS meter 1-9999ppm range
- Macro and Micro Nutrients 200ml each
- 40 sheets of pH paper and pH Down Solution
- LECA Balls and Netpots





# THE GROWKIT

## VARIANTS



**6 Planter**

### Technical Specifications:

- 600mm x 100mm x 80mm Stainless Steel Growchannel with space for 6 plants and Fertigation Well with PP Cap
- LED Growlight 10W with 450nm peak and 450nm-650nm range
- Water pump 5W
- Germination Kit with Humidity dome, 2 types of seeds and cocopeat
- TDS meter 1-9999ppm range
- Macro and Micro Nutrients 100ml each
- 40 sheets of pH paper and pH Down Solution
- LECA Balls and Netpots

### Technical Specifications:

- 300mm x 100mm x 80mm Powder Coated Steel Growchannel with space for 3 plants and Fertigation Well with PP Cap
- LED Growlight 8W with 450nm peak and 450nm-650nm range
- Water pump 5W
- Germination Kit with Humidity dome, 2 types of seeds and cocopeat
- TDS meter 1-9999ppm range
- Macro and Micro Nutrients 100ml each
- 40 sheets of pH paper and pH Down Solution
- LECA Balls and Netpots



**3 Planter**

# THE GROWKIT

## VARIANTS

### 12 Planter



### Technical Specifications:

- 700mm x 170mm x 80mm Powder Coated Steel Growchannel with space for 12 plants and Fertigation Well with PP Cap
- Professional Growlight (PortaSun) 22W with 450nm peak and 450nm-650nm range
- Water pump 5W
- Germination Kit with Humidity dome, 2 types of seeds and cocopeat
- TDS meter 1-9999ppm range
- Macro and Micro Nutrients 100ml each
- 40 sheets of pH paper and pH Down Solution
- LECA Balls and Netpots



# MACRO AND MICRO NUTRIENTS

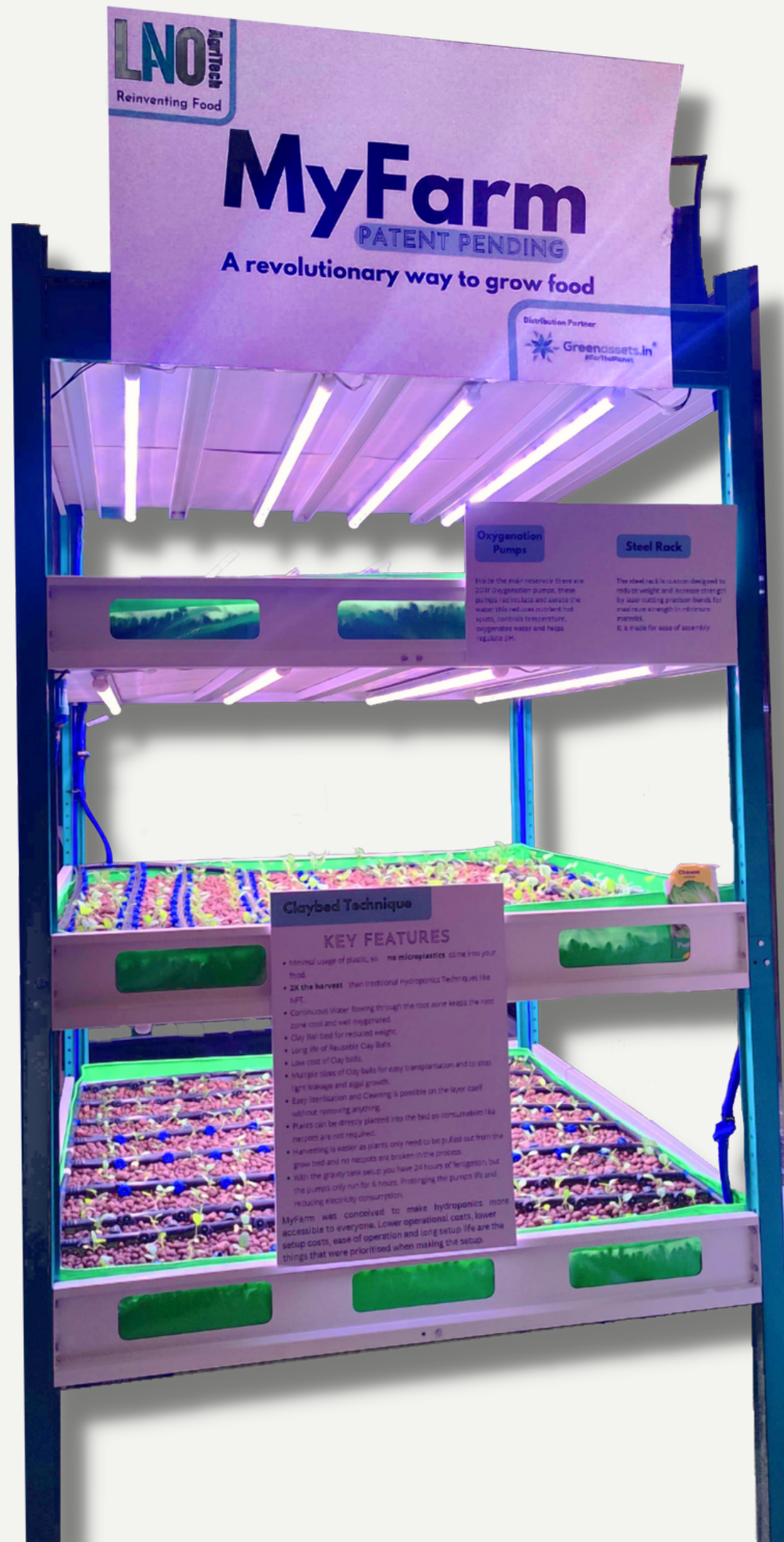


\*100ML PACKAGING SHOWN  
1L PACKAGING AVAILABLE TOO

The All Purpose Plant Food, that works best for the leafy stage or for complete growth cycle of leafy vegetables. Use it for your hydroponic system or your soil potted plant this high strength fertilizer will make your green thumb greener.

**Macro**-N-24, P-132, K-100, Ca-10, Mg-16, S-32

**Micro**- N-60, P-0, K-32, Ca-60, Mg-0, S-0, B-0.00052, Fe-0.00400, Cu-0.00052, Mn-0.00052, Zn-0.00052, Mo-0.00008



# MYFARM

## A REVOLUTIONARY WAY TO GROW FOOD

### Technical Specifications:

- Patent Pending Continuous Claybed Technique to reduce weight and cost of the system while increasing harvest.
- 100% more efficient than conventional Hydroponic systems
- Tool Free Height Adjustable 8 to 14 inches. Accommodates upto 9 layers.
- No Netpots required
- High wattage GrowLights with a 2.5 year warranty that can help you save up to INR 12000 per year in electricity cost
- The setup is made of Galvanised Powder Coated Steel with a minimum life of at least 25 years.
- The whole setup is easy to assemble, use and lasts a long time with no plastic pollution!

#### Planting density per setup:

4x1: 30 plants/ layer  
 4x4: 150 plants/layer

4x2: 70 plants/ layer  
 4x10: 380 plants/ layer

Broccoli Setup in a 4x2 farm



Pak Choi Setup in a 4x4 farm



**CLIENT FARMS**



Cherry Tomato Setup in a 4x2 farm

Arugula Setup in a 4x4 farm



THANKS FOR TAKING A SUSTAINABLE  
STEP TO KNOWING WHAT YOU EAT.

# REACH US

## ADDRESS

#205, Sector 16-A, Chandigarh

## PHONE NUMBER

+919876519966

## EMAIL ADDRESS

anhad@lanoagri.tech