

Pure Produce[®] Container Farm

Ekō Solutions LLC

Fostering positive social and environmental impact by upcycling how we live and thrive to create sustainable community developments and opportunities.



“ekō is committed to using innovative structures to replace legacy inefficient methods of living, growing and working. We provide real solutions to really challenging problems that work not only efficiently but also quickly.”



Anu™

Anu™ simplifies growing fresh produce locally with Rotary Aeroponics®. Our Coffee Pod for plants' model offers a seed pod subscription for cultivating Pure Produce® with superior nutrition, flavor, and reduced waste. Founded by former NASA engineers from Purdue, Anu™ is backed by the Purdue Research Foundation, NSF, and the USDA to enhance production.

“Increased access to more nutritious and flavorful food is a principle upon which Anu was founded,”

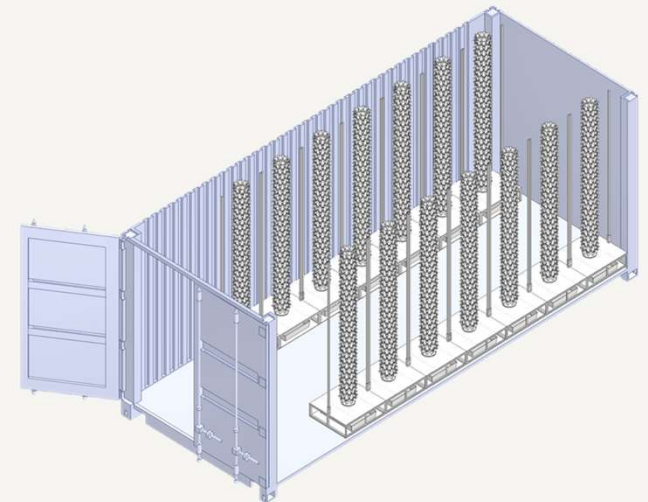


ekō

anu

Anu™ + ekō = endless possibilities

Together ekō solutions and anu™ are revolutionizing sustainable agriculture through their commercial scale Pure Produce® Container using anu's proprietary rotary aeroponics technology.



Pure Produce® : Zero Waste, Fresh Taste, Purpose in Action**Peak
Freshness**

Leafy greens processed through the traditional supply chain are consumed on average 14 days after harvest, impacting both flavor and nutrition. Pure Produce is grown by the point of sale, making it over 10x fresher than traditional lettuce.

**2X The
Nutrition**

Pure Produce® contains on average twice the overall nutrient content, and provides 10X the amount of certain essential nutrients such as Vitamin B.

Climate Safe

Changes in the global climate threaten conventional agriculture. Pure Produce containers allow people to grow produce without the risks of climate change.

**95% Less
Water**

Globally, 70% of freshwater is used to support agriculture, Pure Produce® containers require only 5% of what traditional agriculture uses.

**10X Less
Food Waste**

Between 40-50% of fruits and vegetables grown globally are wasted per year. Pure Produce® containers have a loss rate of less than 5%.

**25X
Productivity**

One 20-foot (160 sq. ft. or 0.4% of an acre) container can produce 25 times more than a conventional California field per square foot with two annual harvests. Including supply chain losses, this increases to 27 times.

Coffee Pod for plants!

A revolutionary way to grow local fresh produce, perfectly every time, with little effort.

Rotary Aeroponics!

Proprietary approach that maximizes yield per volume and resources used.



grow tower

Tower, Lighting,
Rotary Aeroponics



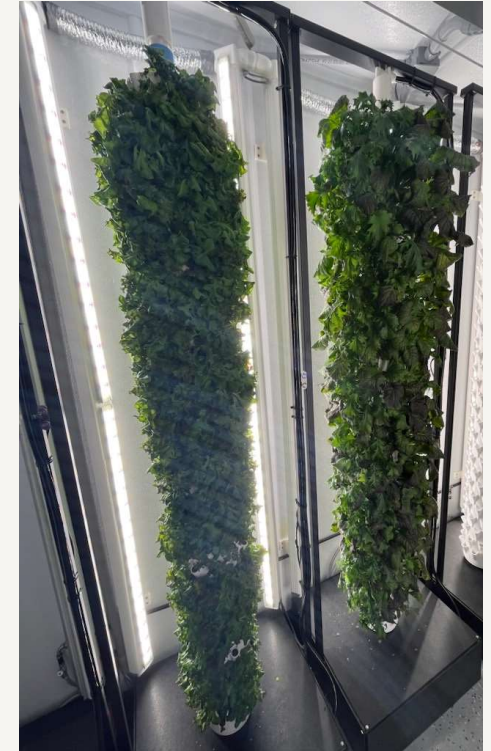
seed pod

Plant Science,
Nutrition



Features:

- Container based modular growth towers with premium controlled environment for a variety of plants.
- Technology utilizing anu's proprietary rotary aeroponics® system
- Integrated Premium LED light tech with full spectrum control for year-round premium fresh produce.
- Supplying the educational, commercial restaurant marketplace, and residential marketplaces.
- 3,920 Plant Site Locations.
- Climate and Condition control.
- Automated Water Filling
- Pure Produce Seed Pods to be purchased through anu's website and application.



The Pure Produce Container Farm Key Specifications:

- Dimensions: ISO Shipping Container - 20' x 8' x 9'6"
- Power Consumption: 150 – 300 kWh/day
- Water Consumption: 0.82 Gallons / Per Day / Per Grow Tower (280 Plant Sites) - Average
- Electrical: 50 AMP Electrical Connection (RV Connections Upon Demand)
- Incoming Water: Garden Hose Connection
- Water Filtration: 3 Stage Filtration Systems
- HVAC: 9,000 BTU Mini Split w/ automated incoming and outgoing air ventilation systems.
- Wall System: Metal Frame Design insulated with FRP Wall Panels throughout.
- Flooring: Polycuramine Epoxy with antiskid additive and flakes

Growing Mechanisms:

- (14) Modular Growth Tower Locations housing grow towers utilizing rotary aeroponics technology.
 - Each Tower Set contains associated water reservoir, pumps, and nozzle assemblies
 - Automation Controls Rotation, water distribution, and pump operation
- (28) High Efficiency LED Arrays

Base Unit: Starting price of \$90,000 (Pricing Dependent on specified location, electrical).

Lead Time: Pre-Sale Lead Time of 6 Months from Downpayment



Plant Variety

Plant Varieties:

- Red leaf lettuce
- Oak leaf lettuce
- Green leaf lettuce
- Round red leaf lettuce
- Green coral lettuce
- Lollo rossa lettuce
- Little gem lettuce
- Genovesa Basil
- Dill
- Mizuna (asian leafy green)
- Red Giant Mustard
- Cilantro
- Spinach
- Yellow Jalapeno
- Chili Pepper
- Amaranth (as microgreen or small leaf used like spinach)
- Arugula
- Bok Choi (small variety)
- Bok Choi (larger variety)
- Red Russian Kale (large variety)
- Bright Green Curly Kale (small variety)
- Sage
- Green Shiso
- Sorrel microgreens
- Sunflower (small variety)
- Cherry Tomatoes (Plant Testing Needed during initial Prototype Trials)

the plants you want and need



Our passion for helping those in need while providing revolutionary product is what drives both the ekō and anu teams.

Let us help work with you on your community projects and need based projects. Our team can provide details to available resources for non-profits. Some examples of these resources are listed below:

- [USDA Urban Agriculture and Innovative Production Grants](#).
- [National Institute of Food and Agriculture's \(NIFA\) Gus Schumacher Nutrition Incentive Program](#):
- [NIFA and Sustainable Agriculture Research: Education's Community Foods Project Food Loss and Waste Training and Technical Assistance Grant Program](#). – Universities Eligible
- [LFPA \(Local Food Purchase Assistance Cooperative Agreement Program\)](#): This program allows the states, tribes and territories to procure and distribute local and regional foods and beverages that are healthy, nutritious, unique to their geographic areas and that meet the needs of the population. The food will serve feeding programs, including food banks, schools and organizations that reach underserved communities.