

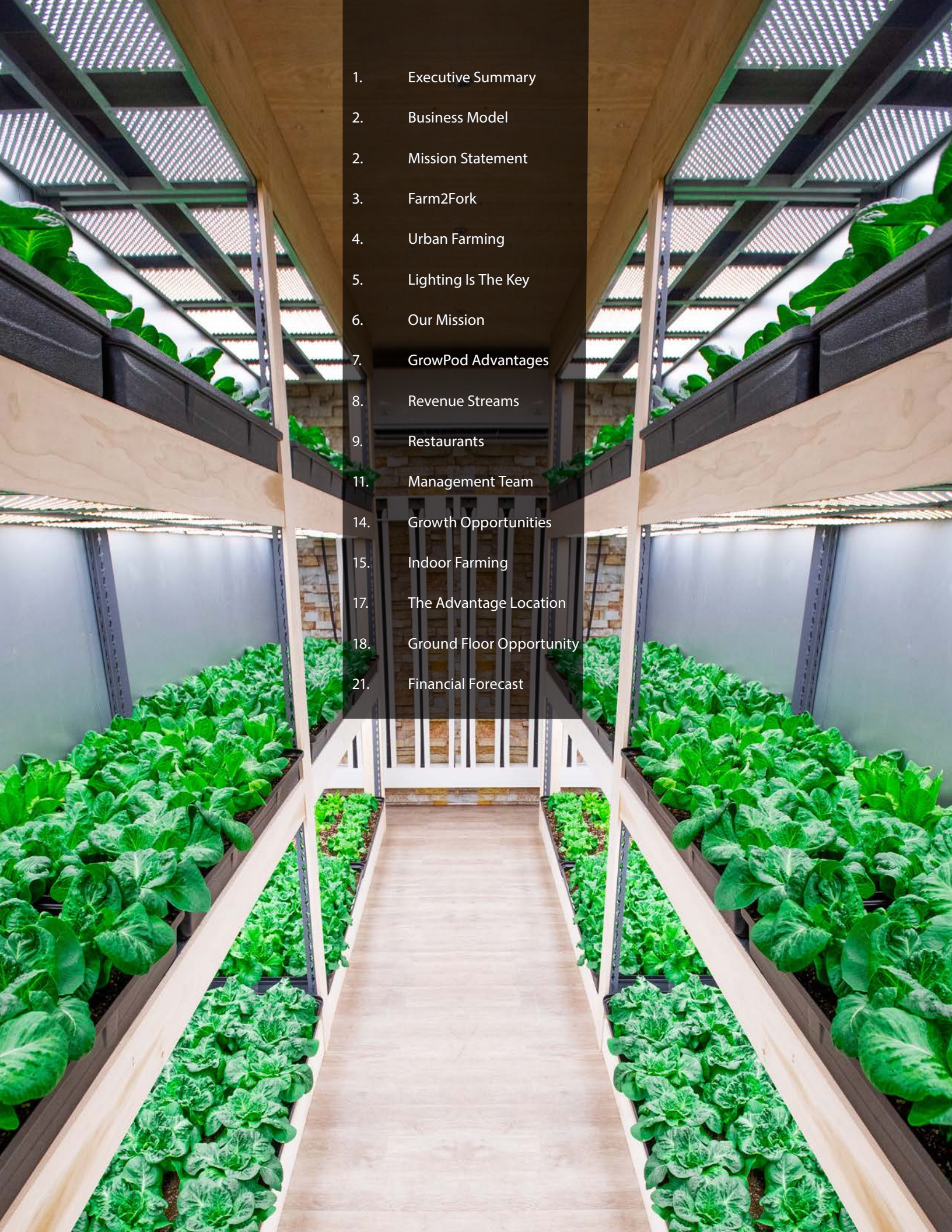
BUSINESS SUMMARY



FARM2FORK







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***We have created a proprietary growing environment that has introduced a dynamic shift in the production of produce throughout the world.***

***Partner with us and capitalize on a \$7.8 Trillion Global Food and Agriculture Market.***

## ***Executive Summary***

Grow Pod Solutions Incorporated addresses the specific need of providing environmentally optimized growing systems for producing high quality crops. This is achieved utilizing the most recent technology in soil-less vertical hydroponic growing technology in a complete secure and monitored environment.

## ***Feeding the Future***

- 39 States in the US produce less than they consume.
- The indoor agriculture sector has met a fraction of its potential.

***The projected market for the vertical growing industry is 17 times its current size.***

***Grow Pod Solutions Incorporated*** has developed the technology, and the proprietary system, that creates a dynamic increase in how organic produce food is grown.

## ***Our Advantage***

- Our Pods are for lease or purchase.
- Shipment, installation and on-site training are all part of the process.
- All customized planting and harvesting schedules are in a computerized controlled environment.
- Growing supplies, seeds, and nutrients are additional.
- Packaging and repair materials are add-on sales.
- Scheduled maintenance and cleanliness are additional forms of revenue.
- We feature remote monitoring and automated control to ensure an optimal growth environment, nutrients, environment pH, temperature, lighting and circulation.
- We offer consulting, custom designs, and hands on training with each pod.

***Our Grow Pod Systems make it possible to grow produce, anywhere at anytime.***



## ***Investing In The United States Food Supply***

One of the most promising fields in agriculture these days entails growing crops indoors in layers, stacked in racks, in existing underutilized warehouses or multi-story buildings. It's called vertical farming. And an increasing number of sophisticated early-stage investors (venture and growth equity firms on one hand, and strategic players such as food companies looking to get in on the trend on the other) these New Age food factories could transform agribusiness. Imagine a 365-day season without droughts, freezes or infestations. Or growing multiples more heads of lettuce per area of horizontal growing space, because you grow in racks that extend to the ceiling of a warehouse. Farewell fruited plains; hello high-rise hydroponics. Vertical farming technology capitalizes on years of research and development in photosynthesis and "grow medium" composition. In fact, plants grown in an indoor, vertical space typically are not grown in traditional soil, but rather some other growing substance.



## *Our Business Model*



### *Revenue generating components to our business model*

1. The organic produce industry is a \$211 billion dollar a year industry.
2. The population's desire and awareness for healthy, organic food is increasing.
3. Conventional agriculture faces increased costs in materials, labor and transportation.
4. Pesticides and herbicides are causing concern, and are slowly being removed from the market.
5. Grow Pod's controlled environment can grow superior vegetation everyday of the year at a reduced cost.
6. The organic produce industry provides a significant opportunity for revenue generation.

### *The Organic Produce Market.*

Specific market sectors, including the organic food industry, provides significant opportunity for revenue generation. The organic produce industry alone is in the billions, and with an increased interest in organically grown food our controlled growing pods allow for easy production of crops without the use of harmful pesticides and additives or chemicals.

### *Local Urban Farming is the Newest Trend for Restaurateurs.*

Much of the produce in America is transported before the optimum growth cycle is achieved. Chefs and Restaurateurs are seeking new methods to source locally grown produce.

Utilizing new technologies and space-saving designs, chefs can now grow their own vegetables and herbs right in their own parking lot and offer patrons the freshest and most delicious meals in town at a competitive price.

The ability to produce out of season is one of the primary advantages along with the ability to grow more in a smaller footprint and use much less water. The ecologically-friendly approach to disease and insect control, and greater control over the plants nutritional requirements, are just a few advantages of growing select vegetation in a hydroponic growing environment.



## ***The Grow Pod contains everything needed to produce fresh vegetation while giving the flexibility of location.***

***A farm housed inside a specially built, 320 sq. ft. insulated portable container.***

A controlled environment and the use of hydroponics offer major advantages for the production of high-value produce. The ability to produce out of season, along with the ability to grow more in a smaller footprint, and use much less water are some of the primary advantages of the Grow Pod.

Our stand alone hydroponic system contains everything needed to grow fresh produce, giving our customers the flexibility of location. Grow Pods can be placed anywhere providing easy access to the harvest. The containerized Grow Pod is "Desert-to-Arctic" ready and manufactured for high-yield year-round growing.

Our Pods can be configured with solar power and water recapturing systems, creating a sealed environment that is completely self-sufficient.

***There are no other growing solutions that offer our unique and proprietary blend of technologies.***

Our power system incorporates a solar inverter that allows off-the-grid sustainability. Designed with functionality and ease of use in mind, the containerized growing system is configured to optimize plant growth, minimized labor, while delivering a high yield harvest.

Our microprocessor based environmental controllers handle the on and off staging of the equipment required to heat or cool, ventilate, or dehumidify the Grow Pod.

For maximum functionality, the main structure is divided into two chambers, the growing room and the control room.

All functions are computer controlled and monitored in real-time. Advanced communications enables the grower to monitor all system functions from any computer or mobile device.

***Our Grow Pods are the most technologically advanced growing systems in the world.***



***Urban Chef Garden***

## High-Tech Urban Farming



Whether our Grow Pods are in the middle of Manhattan, or in the sands of the Sahara, advanced computer controlled automation maintains optimum plant growth and a consistent yield throughout the year.

A microprocessor based environmental controller handles the on and off staging of the equipment required to heat and cool, and ventilate or dehumidify the Grow Pod.

Our Smart Phone/Tablet App system keeps the grower in real-time communication with the Grow Pod at all times.

Controlled environment agriculture and hydroponics offer several major advantages for the production of high value specialty crops such as mushrooms, lettuce, herbs, tomatoes, cucumbers, peppers, and other crops. The turn-key environmental system is custom designed to the grower's specifications as we integrate the newest power and lighting technologies.

Designed with functionality and ease of use in mind, our containerized growing system is configured to optimize plant growth, while minimizing labor, and delivering a year-round high-yield harvest.





## Urban Agriculture

The face of agriculture is changing and urban agriculture is one of the latest movements to challenge the traditional view of farming. From rooftop gardens to cultivation centers, urban agriculture provides many benefits to a community including healthy food access for lower income residents. To create an abundance of food by the establishment of Grow Pod Cultivation Systems within urban spaces.

We are raising awareness for health and wellness and creating an economically sustainable cultivation system to uplift and nourish communities around in the United States and the rest of the world.

## The Best Way to Grow Organic

Organic practices are particularly important in urban environments, where limited land often requires intensive use and chemical inputs such as fertilizers and pesticides. All of these methods contribute to soil contamination and water system pollution. However, with our Grow Pod Systems, cultivators have a sealed environment which remain chemical and pesticide free. Additionally, organic crops demand a higher market price— important for growers aiming to maximize profits.

## Vertical Growing

Our Grow Pods feature a vertical tower system capable of holding 10 to 14 plants per tower. Modular and scalable, the towers are easily managed maximizing yield per sq.ft. while conserving water.

## HVAC

The heating, ventilating and air conditioning system contains a heat pump for heating, circulation fans, and ducting for air flow, as well as a dehumidifier to maintain optimal humidity levels.

*Plus you'll have no pests or weeds — just clean, healthy produce.*



## Lighting is the Key

High efficiency LED light strips supply the crops with a red and blue light spectrum required for photosynthesis in the spectrum plants need most. LEDs deliver output without producing heat and allow us to build systems vertically. This quadruples the growing area without increasing the footprint. Our specially designed lighting panels are programmed to emit the exact wavelength of light that each plant requires. Plus the system has a “daybreak to nightfall” feature that gives plants the proper chromatic signals to grow rapidly and fruitfully.



LED Controlled Lighting



## *Our Mission*

### *Solving World Hunger One Grow Pod at a time.*

#### ***The Problem***

Over the past 4 decades, thousands of community based organizations have worked tirelessly to strengthen federal nutrition programs with continuing success. The Supplemental Nutrition Assistance Program (SNAP) have grown and improved.

America has created a system of emergency food providers including 60,500 soup kitchens, food pantries, homeless shelters and food banks run by the most hard working, well-intentioned charitable people and churches in America.

We still have 48 million people including 15.3 million children in 17.4 million families who are called food insecure.

That doesn't mean they are starving but that they often skip meals, buy cheap non-nutritious food, and suffer from poor nutrition.

#### ***The Solution***

With all our efforts, and billions spent to feed the hungry, why do we still have so much hunger in America?

First of all, we need to recognize that feeding hungry people is only the first step in ending hunger. Access to quality food is the bigger issue.

The solution lies in providing the tools necessary so communities can grow their own food and have access to nutritious produce everyday of the week.

While we keep working to improve the federal nutrition programs and emergency food systems, we can not loose sight of the mission.

Feeding hungry people is only the first step in ending hunger world wide. The next step is to give people the tools and technology to grow their own food.



# *Our Grow Pods are Cost Effective, Adaptable, Scalable, Producing Consistent Quality & Quantity Produce.*

## *Versatile & Durable*

- Grow Pods can be manufactured in 20' and 40' lengths.
- Will not need to be replaced like plastic greenhouses.
- Impervious to mold, mildew, rot and insects.
- Capable of withstanding high winds and snow cover.
- Is secure and fireproof.
- Offers permanent and portable installations.

## *Controlled Growing*

- Separates crops for multiple harvest times.
- LED light bars allow light and dark stages.
- Eliminates the need for chemicals and pesticides.
- Eliminates theft and tampering.
- Allows people to grow and buy local organic produce regardless of climate and seasons.
- Controlled growing micro-climate.

## *Sustainable & Economical*

- Completely insulated greatly reducing energy consumption.
- Doesn't contain chlorofluorocarbons (CFC's).

## *Produce Solution*

Grow Pods can be placed anywhere incorporating our patented water capturing system and solar power.

## *The Control Room*

For maximum functionality, the main structure can be divided into 2 chambers. All functions are computer controlled and monitored in real time.

Advanced communications allows the grower to read all system functions from any computer or mobile device.



**Growing Using Solar Power**



**The Heart of the Pod**



## *Restaurateurs*

### *A Multi-Billion Dollar Market is Seeking Locally Grown Produce*

Restaurant industry sales are expected to reach over \$800 billion this year. This represents the eighth consecutive year of growth in the United States.

An increasing number of restaurants are offering a wider selection of organic and locally grown menu items.

Recent surveys reveal a large percentage of restaurant customers prefer locally sourced vegetables.

### *Capitalizing on the Growing Opportunity*

Grow Pod Solutions provides much more than just an optimum system in which to grow food; we provide additional insight and actionable intelligence including guidance on the following critical market areas:

- Up-to-date regulations in the market.
- Organic versus sustainable growth.
- Production capacity and the effect on price.
- Outdoor versus indoor production.
- Sustainability and space efficiency.
- Seed and plant considerations.
- Go to market strategies.

## *Organic Produce*

### *World's Fastest Growing Produce Sector*

The global organic food & beverage market is expected to reach \$212 billion by 2020.

The 2016 Organic Food Trade Association recorded a breaking year in sales for the United States organic food industry. The total organic produce sales hit \$43.3 billion in 2016, up 11% from 2015 sales, the largest annual dollar gain ever.

An increasing consumer awareness, regarding ill effects of inorganic food on human health, has compelled consumers to purchase organic food into their diet in record levels.

The growing popularity of organic produce among consumers is expected to continue to drive the demand well into the next decade.

Regulatory support in organic farming is expected to have a positive influence on the industry by improving supply and product quality.





## The 100-Foot Restaurant

Restaurants can now use GrowPods to grow their own healthy, natural and delicious food, just a few feet away from where it will be consumed.

We call this, "The 100 Foot Restaurant," because the food is grown just 100 feet away.

As chefs across the world look to reduce their carbon footprint and source ingredients from local farms, some are considering bringing the farm into or next to the restaurant.

Agriculture is the world's second largest contributor to greenhouse gases after the energy sector, pouring six billion tons of gases into the atmosphere a year, according to the World Resources Institute. Sixty-five percent of these emissions come from the addition of natural or synthetic fertilizers and wastes to soils, a process of farming that is completely omitted in the GrowPod system.

Additionally, the process of importing food contributes nearly 250,000 tons of greenhouse gases into the atmosphere each year, equivalent to 40,000 vehicles on the road, or nearly two power plants. Eating local – and hyperlocal, using GrowPods, can cut these emissions completely.





## Restaurants

With farm-to-table dining becoming more prevalent, more restaurants are turning to high-tech micro-farms for greens and herbs. Besides urban farming, in which farming or gardening occurs within a city or an urban setting, vertical farming is also another buzzword.

With micro-farming, produce is grown indoors all-year-around and is not susceptible to weather conditions. These eco-friendly farms also tap on technology and use lower resources such as water, space and soil. GrowPod micro-farms also reduce reliance on manpower, which is a boon given the constant rise of labor costs.

One GrowPod, for example, can produce as much as two acres of farmland. Unlike outdoor farms, however, GrowPods can repeat the growing cycle over and over, 52 weeks per year.

These urban farms can produce food with 95 percent less water than conventional farms, have no run off or soil-stripping issues, and food-safety can be strictly controlled from seed to restaurant delivery in a way that isn't possible with acres of land exposed to wildlife, pollution and pests.



What are the Advantages of Farming with GrowPods?

- Saving space - farm virtually anywhere
- Reducing transportation - grow right where the food is consumed
- Increasing harvest productivity - grow year round, not dependent on weather or seasons
- Eliminating pesticides - grow clean, natural food without contaminants



## Industry Experience

Grow Pod Solutions has a team that specializes in hydroponics. We have negotiated agreements for Grow Pod to provide technical support for our operation and we intend to utilize technology and methodology in growing customer's crops. The Grow Pod team has a proven track record in establishing successful hydroponic facilities nationwide.



**PROLIFIC**  
SOILLESS GROWTH MEDIUM BY GP SOLUTIONS

Grow Pod Solutions, a leading developer of modular micro-farms, has partnered with Soiless Science Solutions to create a proprietary lineup of premium "living soils."

These unique soil-less mediums contain no native soil. The mixtures contain beneficial microorganisms that form the foundation of highly active "living soils" that will produce abundant, healthy crops of all types.

Soil mixtures will be developed for a variety of crops - each with its own unique composition. Additionally, the company will be pursuing registration for organic certification.

The mixtures are plant-based, with no animal products. Compare this to other products that use animal waste, which inherently contain harmful pathogens and bacteria, and can contaminate crops and potentially cause widespread illness.

As the public becomes more aware of the dangers of traditional farming and the potential harm from "dirty" soil, consumers will start demanding their food is grown in clean environments using "healthy" soils.

Grow Pod Solutions will be providing this proprietary soil-less mixture to customers of Grow Pod Solutions, as well as to the general public.

### **Shannon Illingworth** Founder

A successful entrepreneur and business owner who has demonstrated the ability to lead teams, build companies and develop innovative technologies and techniques to improve the processes and productivity need to grow a business.



Shannon Illingworth is the founder of one of the fastest growing companies in America via automated retailing. Over the past 15 years Mr. Illingworth has been the guiding force behind the dynamic companies that have changed the way people and products interact and how products of all varieties are offered to consumers nationwide.

Graduate of Harvard Business School Executive Program.  
Founder of several companies in a variety of sectors.

### **George Natzic** President

Mr. Natzic's core strengths are in leadership, finance and assisting organizations to accomplish profitable growth.



With over 30 years of direct business experience, Mr. Natzic continues to manage change through financial, relational and physical transitions.

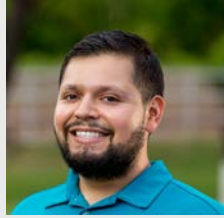
Mr. Natzic holds a Bachelor of Science in Business Management and a Master's Degree in Business Administration.

Studied in the Harvard Business School Executive Program and a Founder of several companies in a variety of sectors.



## Robert “Anthony” Dominguez

Co-Founder, CEO of Soilless Science Solutions.



B.S. Microbiology from The University of Arizona

7 Years of Laboratory Experience with a speciality in soil bacteria. Member of MANNRS (Minorities in Agriculture, Natural Resources and Related Sciences)

Managed and operated a microbiology laboratory for the last 5 years. Contributed to the construction of a microbial library, adding dozens of new bacteria species to the collection. Developed and designed multiple microbial products for the agriculture industry with organic certifications. Passed all inspections from regulatory agencies.

Registered Sanitarian (R.S.)

3 Years of Public Health background experience with food safety, operators, inspections, and enforcing local health code in Maricopa County. Educating the public in an honest unbiased manner to promote safe and healthy operation practices.

Product Development:

Wisdom Line Nutrients: A complete line of all organic nutrients designed to optimize plant growth and every stage of life. Natural products that can be used in all markets of agriculture: fruits, vegetables, trees, lawns, and speciality gardening.

pHyre: A bacterial root inoculate, developed and designed for its nitrogen fixing and phosphate solubilizing abilities. This product helps aid plants with nutrient availability.

hypHa: A bacterial soil inoculate specially formulated to breakdown organic matter. Nature’s ultimate decomposer used to complement all soil types.

## Derex Zellars

Co-Founder, CEO of Soilless Science Solutions.



B.S. Environmental Science from The University of Texas at San

Antonio. 15 years of Applied agriculture -with an emphasis on eliminating pesticides and soil borne plant pathogens.

Crop Specialist of various fruits and vegetables: Lettuce, spinach, chili peppers, tomatoes, strawberries, cane berries, corn, soybean, potatoes, alfalfa, onions, and wheat. Trees: Pecan, Almonds, Peaches, Avocado, Mangoes, Citrus, and Plums. Soil restoration expert using bacteria inoculates on various soil types.

Patent Inventions:

Methods and Compositions of bio-control of plant pathogens  
Methods and Compositions for treating soil and plants with micro-algae

Co Author:

Effect of micro-algae application on soil algal species diversity, cation exchange capacity and organic matter after herbicide.

Product Development:

Hydroguard- A formulated microbial inoculate designed to reduce fungal pressure in hydroponic systems. Primary pathogens are Pythium spp, Fusarium spp, pHyre- a bacteria root inoculate formulated and applied for its nitrogen fixation capabilities. HypHa- a liquid Streptomyces spp. formulated and applied due to bacteria ability to breakdown all carbon source in the soil.

Author:

The Soil Blog, published by Botanicare. Scientific writer for a local magazine company. Designer of a complete nutritional line of nutrients. The Wisdom Line

Certification/Training

HACCP- Hazard analysis of critical control points. Analytical Instrumentation and Interpretation ICPE 9000 User



## KYLE KUSHMAN

### Cannabis Cultivation Expert

Kyle Kushman is an internationally renowned marijuana cultivator whose collaborations have earned 13 Medical Cannabis Cups awards, including three US Cannabis Cups for Best Flowers. All awards were earned by utilizing Kushman's Vegamatrix, winner of the coveted STASH Award from High Times Magazine in 2014 as Best New Nutrient.

Kushman's most recent educational foray was on the Netflix Series, Explained, "Weed", which aired July 2018. Vegamatrix is seen in the Netflix series Disjointed and was used in the Vice Series Bong Appetite along with Kushman's Flowers.

Currently, Kushman is filming weekly and will stream content both produced and live on GrowYourOwn.Green where education about cannabis from around the world will be taught and discussed in Kyle's unique way.

Additionally, Kushman is working on a new show with Purple Haze Radio, aptly called the "Kyle Kushman Monologues" and will be streamed through Dash Radio and Spotify beginning 2019.

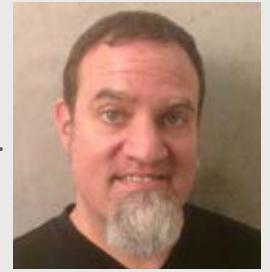
Recently, Kushman was awarded the 2018 Cultivator of the Year Award by Green State and San Francisco Chronicle. He has cultivated in both small and commercial scale facilities throughout his career. He's best known for cultivating premium cannabis that is clean and healthy. He is recognized for several cannabis strains including the world-famous Strawberry Cough, Cherry Lopez, Starberry and Blue Dawg and specialized breeding continues in several collaborations throughout the world.

As the creator of Vegamatrix™, the only line of vegan and organic nutrients designed for cannabis, Kyle continues to make advances for people who want to cultivate "simply the purest, cleanest medicine possible."



## Kent Steiner

### Software Engineer, Marketing Consultant, Graphic Designer



Kent's professional career began as a graphic designer and marketing professional, coinciding with the explosion of the Internet. In his early years he entertained clients on both sides of the Pacific, working with multinational corporations headquartered in Asia but trying to reach customers in the west.

Clients began demanding web design, which led him towards basic web development, backed by a life-long love of mathematics and logic. Web development slowly supplanted design and marketing, and within a few years he was focused mainly on software engineering. Everything became a puzzle with a solution, and "can't be done" was seldom a phrase spoken.

His career so far has spanned a number of technology offerings, almost all of which were pushing the boundaries of the time. From early pioneering in diversified markets such as mathematical photo interpolation and social networking (pre-Myspace), to biometric identification and automated retail, Kent has been a leader in the technology space.

Embracing open source is a key component of that, being able to see what trends are coming and having a vibrant community of people to work with is necessary for building new products for new markets.

Now, with over 20 years experience in building the Internet, Kent carries skills across many languages, and is able to operate in both the front and back end. Historically Kent has built up a large foundation, with PERL, PHP, various databases (both \*sql and document based), other experimental data storage technology, and of course the web native languages of HTML, CSS and Javascript.

Currently specializing in full-stack JS, he is able to spin up APIs, websites, complex multi-service integrations, IoT ecosystems, and everything in between.



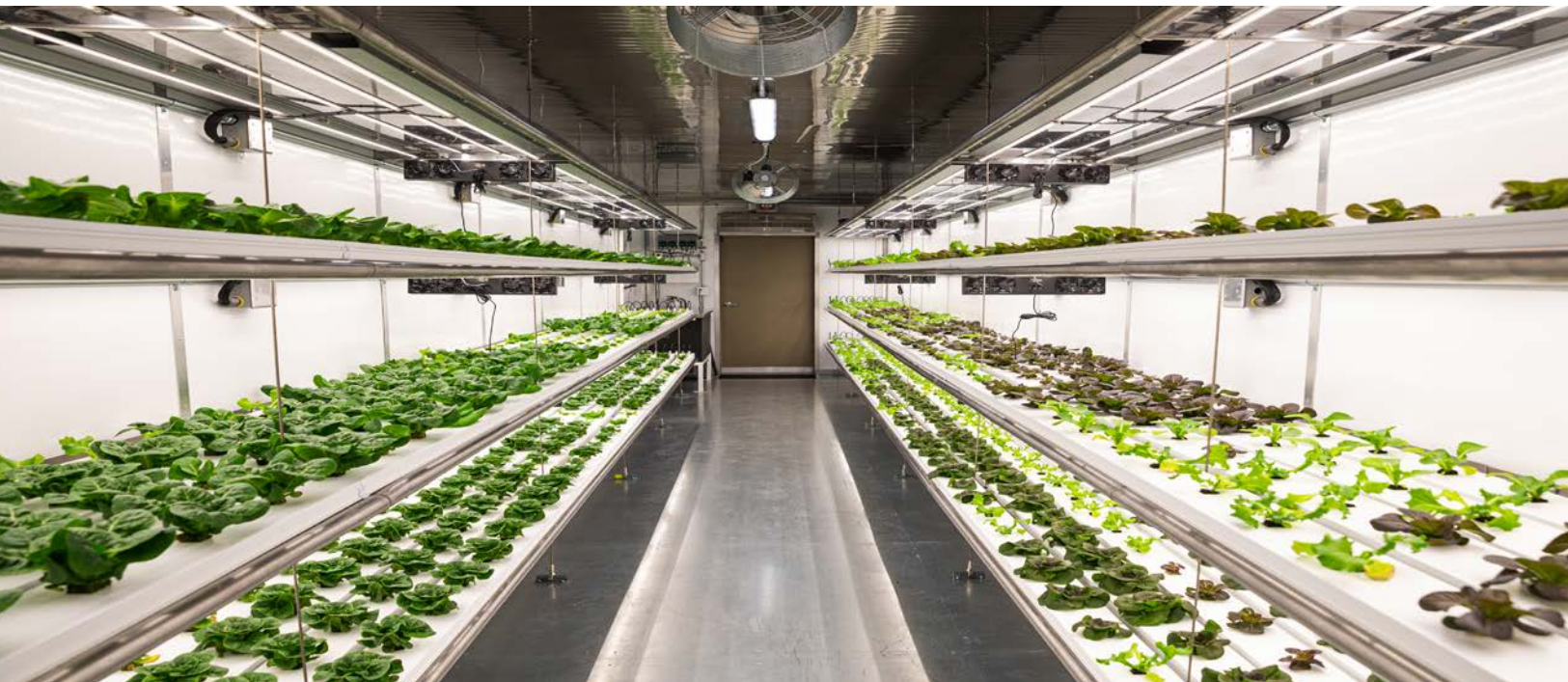
## Our Support

Grow Pods Solutions provides technical and physical support to help our grower's crops thrive. Our team of experts has a proven track record in establishing successful hydroponic facilities nationwide.

Grow Pod Solutions emphasizes service, quality, and competitive pricing.

We are the only company in this market vertical that offers a full range of services to its customers with the product and technology to help growers succeed.

Our consulting team offers a tremendous wealth of knowledge related to the hydroponic industry and is instrumental in providing the information and assistance needed to successfully operate a hydroponic Grow Pod system.



## Additional Revenue Streams include Leasing, Maintenance & Consulting

### Grow Pod Leasing Options

While many entities will prefer to purchase our Grow Pod outright, organizations or individuals may opt for our leasing program which preserves their capital and allows for a fast, easy and economical method to start an agriculture growth based need.

### Monthly Maintenance Fees

We charge a monthly fee for service and support including hosting of wireless communications that informs the operator of growing conditions in real-time. These monthly maintenance fees will add significant revenue, boosting profitability and create ongoing income.

### Product Line

GP Solutions mixtures of Super- Soil are plant-based and contain no native soil. GP's mixtures consist of beneficial microorganisms that form the foundation of highly active "living soils" ultimately producing abundant, healthy crops of all types. GP's Super- Soil will replace other products that use animal waste and dirty ingredients containing harmful pathogens and bacteria that could potentially cause widespread illness. GP Solutions has also created its own proprietary Nutrient line designed to work hand in hand with its Super-Soil creating even finer crops for farmers and creating greater returns for its investors.



## Indoor Farming

Indoor farming with a Grow pod allows growers to completely control their environment. This means they can grow produce year-round healthy food in a perfectly controlled environment. Grow Pod farmers know exactly what products are going into creating consumers fresh produce. Allowing the plants to grow naturally, consumers will no longer be eating fruit and vegetables covered in pesticides and preservatives. The health benefits of eating fresh, pesticide free produce are endless.







**Grow Clean  
Perfect for Urban Restaurants**





***California's agriculture accounts for 36% of the organic produce sold in the United States today.***



Grow Pod Solutions Incorporated is headquartered in Southern California, the economic powerhouse of the State of California. California is the world's sixth largest economy in the World today. We came in at \$2.46 trillion in 2016, only outpaced by the United States as a whole, China, Japan and Germany.

Let's be clear . . . We're talking a single state's economy, compared with those of entire countries, California is number six.

Moreover, California is the center of sustainable locally grown produce and organic foods.

The state of California tops the leader board of America in providing the greatest investment potential for organic foods.

***However, the supply has not been able to meet the demand.***

Grow Pod Solutions is capable of meeting the growing needs of these expanding markets throughout the United States and abroad to provide the solutions and systems that will capitalize on one of the greatest business opportunities of our generation.





# The New York Times

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SATURDAY, MAY 4, 2019

## The Future of Farming Depends on Technology

As the food industry continues to evolve, advanced technology is becoming a more prominent part of farming.

Indoor agriculture is on the rise all over the world – particularly in areas with concerns over food safety and pesticide use.

For many companies, it's a

step toward more environmental sustainability.

"There is a need to find better solutions to produce more healthy food using less land and water," Catarina Englund, Innovation and Development Leader at Ingka Group – an Ikea franchisee that operates 367 Ikea stores, said.

"Urban farming has the potential to transform the global food value chain, as it aims to produce local fresh

food within close proximity to meet demand, all while using less natural resources."

Unlike other growers on the market that used fixed, larger greenhouses, GrowPod is a modular, scalable indoor micro-farm with a perfectly controlled environment.

The system is easily transported, allowing cultivation to take place virtually anywhere.

GrowPod farmers are

provided with data, insights and other tools to grow non-GMO, pesticide-free produce year round.

"GrowPod is the perfect solution for any business that wants to provide clean, fresh food," said George Natzic, President of GP Solutions.

"Using significantly less space and water than conventional agriculture, our proprietary plug-and-play growing pods allow any business to have a

CNN reports that some commercially available potting soils carry harmful bacteria and fungi. There have been reports of deaths from diseases, including Legionnaires' attributed to bacteria in potting mix.

Numerous fungi are present in soil and potting mix. Some soil contains fungi that can invade if inhaled and cause disease. These include the lung infection histoplasmosis.

GP Solutions, the developer of GrowPod modular automated micro-farms, is creating a proprietary lineup of premium pathogen-free soils.

The mixtures are vegan, and contain no animal products. Many other commercial soils use fish and animal waste that can contain harmful pathogens and bacteria, which may contaminate crops and cause

serious illness and in some cases have led to death.

According to the CDC, romaine lettuce grown in Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz, and Ventura counties in California are linked to the deadly outbreak of E.coli.

The government website also states, "If you do not know where your romaine lettuce was harvested, do not eat it and throw it away."

As the public becomes more aware of the dangers of contaminated soil, they will start demanding that their food is grown in controlled environments using pathogen free soil mixtures.

GP Solutions is ramping up production and will begin selling its clean soil mixes in the near future.

**BREAKING NEWS**

**EACH GROW POD IS CAPABLE OF GENERATING \$10,000 A MONTH.**

**LIVE**





According to CropLife International, farming provides jobs for 1.3 billion people. That's 19% of the world's population. Women make up 43% of the agricultural labor force in developing countries, often working in squalid conditions.

GP Solutions wants to change that. In conjunction with philanthropists and non-profit organizations, GP Solutions plans to introduce their unique "GrowPod" into areas that are underserved by modern agriculture.

GrowPods are transportable, stackable, indoor "micro-farms" that grow high quality,

pathogen-free "Super Foods" using a fraction of the resources required for conventional farming.

The system allows farmers to control the environment and grow food free from contaminants and pesticides. Using a combination of hydroponics and soil-based platforms, and proprietary air and water filtration, GrowPod can produce the highest quality food, virtually anywhere.

In addition to being located in areas of economic need, GrowPods can also help conventional farmers, organizations, grocery

# Los Angeles Times

## GP Solutions Installs State-of-the-Art Growth Chamber at University of California

GP Solutions (OTC: GWPD), developer of GrowPod modular automated micro-farms, announced it has installed one of its state of the art Growth Chambers at the University of California, Riverside. The growth chamber will be utilized for agricultural and horticultural research at the University.

Grow Pod Solutions developed the specialized system to meet the need for a large walk-in growing system that offers researchers a precision

controlled environment to conduct sophisticated research at laboratories and universities across the country.

Grow Pod Solutions offers one of the newest walk-in growth chambers available, and features a number of advanced technologies, including optimized photosynthesis, high level security, 24/7 remote control and video monitoring via a cloud-based platform, and precision environmental controls for temperature, humidity, and other vital factors.

The GrowPod system provides an optimum solution for research with a clean environment that is free of contaminants, pathogens, and pesticides.

The University of California, Riverside, College of Natural and Agricultural Sciences, is one of preeminent institutions of its kind in the world. Known for its leading research, the campus is at the forefront of ag-science and operates several prominent institutions, including The California Agriculture and

Food Enterprise, The Citrus Research Center, The Center for Conversation Biology, and The Center for Integrative Biological Collections.

In a statement, GP Solutions said it is proud to be a provider of technology and expertise to the University, and looks forward to becoming an integral partner in the ongoing development of advanced cultivation methodologies.





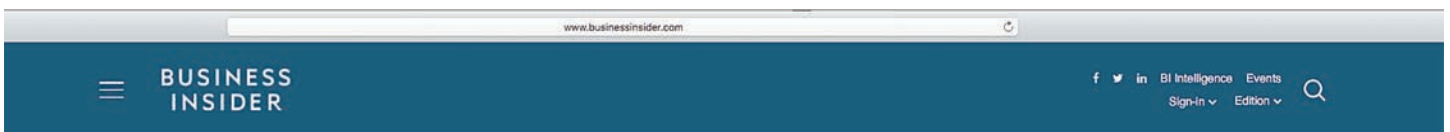
## Urban farms now produce 1/5 of the world's food supply!

"Lots of local institutions want to source their food here," says Detroit farmer Noah Link, whose Food Field, a commercial operation, encompasses a nascent orchard, vast areas of raised beds, two tightly wrapped 150-foot-long hoop houses (one of which shelters a long, narrow raceway crammed with catfish), chickens, beehives and enough solar panels to power the whole shebang. "But local farms aren't producing enough food yet.

The secret sauce for so many commercial operations, because he can break even on volume, is that his farm occupies an entire city block. Annie Novak, who co-founded New York City's first for-profit rooftop farm in 2009, doesn't have the luxury of space. She realized early on that she couldn't grow a wide enough diversity of food to satisfy her community supported agriculture customers in just 5,800 square feet (540 square meters) of shallow raised beds. "So I partnered with a farm upstate to supplement and diversify the boxes," she says. Now, Novak focuses on niche and value-added products. "I make a

hot sauce from my peppers and market the bejesus out of it," she says. She also grows micro-greens for restaurants, plus honey, herbs, flowers and "crops that are narratively interesting, like purple carrots, or heirloom tomatoes, which give us an opportunity to educate people about the value of food, green spaces and our connection to nature," she says. Sometimes being strategic with crop selection isn't enough. Brooklyn Grange, a for-profit farm atop two roofs in New York City, grows more than 50,000 pounds (23,000 kg) of tomatoes, kale, lettuce, carrots, radishes and beans, among other crops,

each year. It sells them through its CSA, at farm stands and to local restaurants. But to further boost its income, Brooklyn Grange also offers a summer long training program for beekeepers (US \$850 tuition), yoga classes and tours, and it rents its Edenic garden spaces, which have million-dollar views of the Manhattan skyline, for photo shoots, weddings, private dinners and other events. In the U.S., urban farming is likely to have its biggest impact on food security in places that, in some ways, resemble the global south — that is, in cities or neighborhoods where land is cheap.



## Elon Musk's Brother Just Opened a Container Farm in New York City

Kimbal Musk (brother of Elon) is trying to change the way we eat by creating what he calls a "real food revolution." For over a decade, he has run two restaurant chains, The Kitchen and Next Door, which serve dishes made strictly with locally-sourced meat and veggies. In 2011, he started a nonprofit program that has installed "Learning Gardens" in over 300 schools, with the intention of teaching kids about agriculture. His latest food venture delves into the world of local urban farming. In early November, Musk and fellow entrepreneur Tobias Peggs launched Square Roots, an urban farming incubator program in Brooklyn, New York. The setup consists of 10 steel shipping container farms where young entrepreneurs work to develop vertical farming start-ups. Unlike traditional outdoor farms, vertical farms

grow soil-free crops indoors and under LED lights. With their highly efficient use of space, container gardens can do the work of a lot of farmland in exceptionally few square feet. According to Musk one shipping container can produce the same amount of greens or herbs as two acres of farmland; land that, if taken out of production, could be used to capture carbon rather than emitting it. Vertical farming start-ups. Unlike traditional outdoor farms, vertical farms grow soil-free crops indoors and under LED lights. They are climate controlled and hydroponic, allowing for a year-round growing season using 80 percent less water than an outdoor farm.

*The team believes the market is moving upward. Musk says food is ripe for disruption, people want real food, and the market still hasn't caught up.*



**Indoor Agricultural a \$9 Billion Dollar Industry.  
An immense opportunity in a constantly developing technology.**

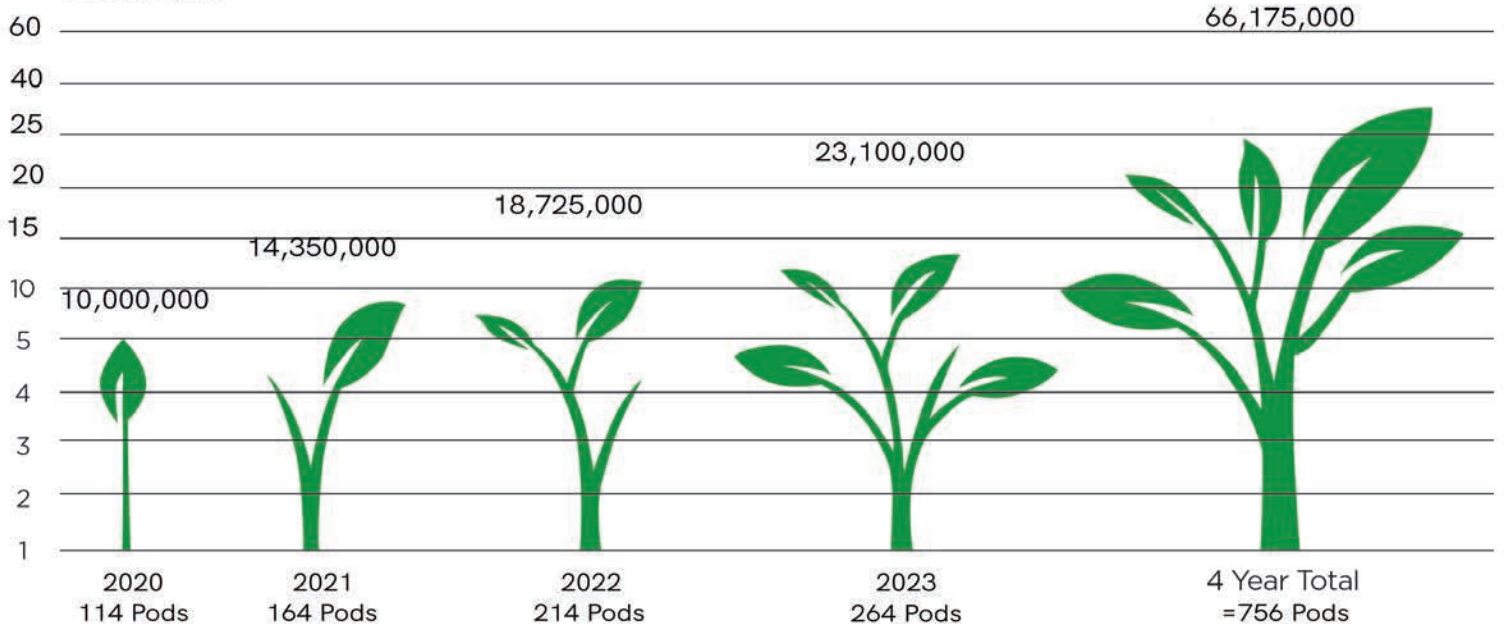
The indoor agriculture industry's explosive growth and estimated \$9 billion future is charted in a new 52-page white paper written by Indoor Agriculture Conference organizers, founders and partners. The addressable market size of the industry is 17 times its current size, setting the industry up for billions of dollars of growth as it matures. Key facts from the report **"Indoor Crop Production: Feeding the Future"**.

- Local food demand grew from \$1 billion in 2005 to \$7 billion in 2014.
- 39 states in the nation farm less produce than they consume, an unmet demand that indoor agriculture can help alleviate.
- The indoor agriculture sector is large but has met a fraction of its potential in the U.S. The market size is \$9 billion, or 17 times the current size.

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