



2021 / Agrify Corporation

THE FUTURE OF GROWTH IS HERE

Fully integrated, data-driven,
evidence-based cultivation
solutions for cannabis, hemp
& other high value crops



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**Maximize the quality and
consistency of your grow at the
lowest possible cost.**

An Evolution in Cultivation

<p>First practical example of a vertical farm. Vertical farming is regarded as a fairly new concept, but the idea has been around for a long time.</p> <p>1950s</p> 		<p>Anecdotal suspected beginning of soil-less farming on the Hawaiian Islands.</p> <p>1970s</p>	<p>Mel Frank (James J Goodwin) publishes the Marijuana Grower's Guide inspiring new grows across the country.</p> <p>1978</p> 	<p>Widespread reporting of outdoor cannabis farms across the US.</p> <p>1980s</p>	
	<p>Practical, widespread use of Metal Halide bulbs for cultivation. The metal halide bulb would act as the catalyst for the beginning of grow-light technology innovations.</p> <p>1960s</p>	<p>General Electric develops one of the first indoor hydroponic farms (funded by DOD).</p> <p>1973</p>		<p>High Times publishes first article about DIY Hydroponics.</p> <p>1982</p>	<p>NASA begins Controlled Environment Agriculture research.</p> <p>mid-1980s</p>

Evolving methods of growing and distributing cannabis are driving cultivators towards innovative solutions to stay ahead of the competition. Optimizing processes from start to finish is critical in achieving economies of scale rapidly. Access to data, science and technology will support cultivators in growing a differentiated, high-quality product that will continue to meet the market's demand.

About Agrify / Our Mission and Our Vision

Our comprehensive grow solutions have been developed with one mission in mind: to assist our partners in achieving the highest quality, consistency, and yield—at the lowest possible cost.

Our vision is to enable growers and operators to grow cannabinoid-rich flower with superior yields in reproducible environments with repeatable practices, profitably at scale.



<p>Precision Agriculture start-ups introduce software programs that assist growers in the collection of field data and the interpretation of that data for production decisions (more outdoor mega-farming advancement, but a building block).</p> <p>1990s</p>	<p>California re-legalizes for medicinal use. Indoor farming an "established norm".</p> <p>1996</p>		<p>Seed to sale tech invented.</p> <p>Gavita invents the double ended light fixture.</p> <p>2010</p>	<p>LA Times calls Seed to Sale tracking "a vital component of regulating the industry".</p> <p>2018</p>	
<p>Introduction of HPS lights.</p> <p>1994</p>		<p>Dickson Despommier has the first official outline of a commercial vertical farm/The Vertical Farm Project is established at Columbia University.</p> <p>2001</p>	<p>LED tech starts being used for agriculture.</p> <p>2010s</p>		<p>Agrify solves for climate control while growing vertically by building stackable, controlled environments.</p> <p>2019</p>



Agrify History

- **June 6th, 2016** - Agrify Corporation was originally incorporated as Agrinamics, Inc. in the state of Nevada
- **September 16, 2019** - Raymond Chang, Gary Hua, and 4DNXT acquired majority ownership of Agrinamics and amended its articles of incorporation to reflect the name Agrify Corporation.
- **December 8, 2019** - Agrify became majority owner of one of the largest premium consulting and general contracting firms in North America.
- **January 22, 2020** - Agrify merged with Tri-Grow Systems, Inc., a Nevada corporation resulting in an indirect acquisition of TriGrow.
- **July 21, 2020** - Agrify acquired Harbor Mountain Holdings, LLC ("HMH") including the acquisition of HMH's research and development, testing, and flexible manufacturing plant located in Atlanta, GA.
- **January 28, 2021** - Agrify became a publicly traded company on the NASDAQ stock exchange under ticker symbol AGFY.

Grow Smarter. Grow Better. Grow Profitably.

Agrify is changing the cannabis industry with unparalleled AI-powered indoor grow systems that give growers and operators the ability to cultivate the highest quality plants—consistently, sustainably, and with high yields at the lowest possible cost and lowest possible risk.

Proven Quality & Consistency at Scale:

- ✓ Less than 0.67% variation in cannabinoids across 10 harvests.
- ✓ Less than 0.02% variation in terpenes across 10 harvests for two different strains.
- ✓ Average strain potency increases of 29%+ total cannabinoids.
- ✓ Yield increase of 6x per square foot compared to conventional system.
- ✓ Operational cost decrease of 25%-40% per lb.

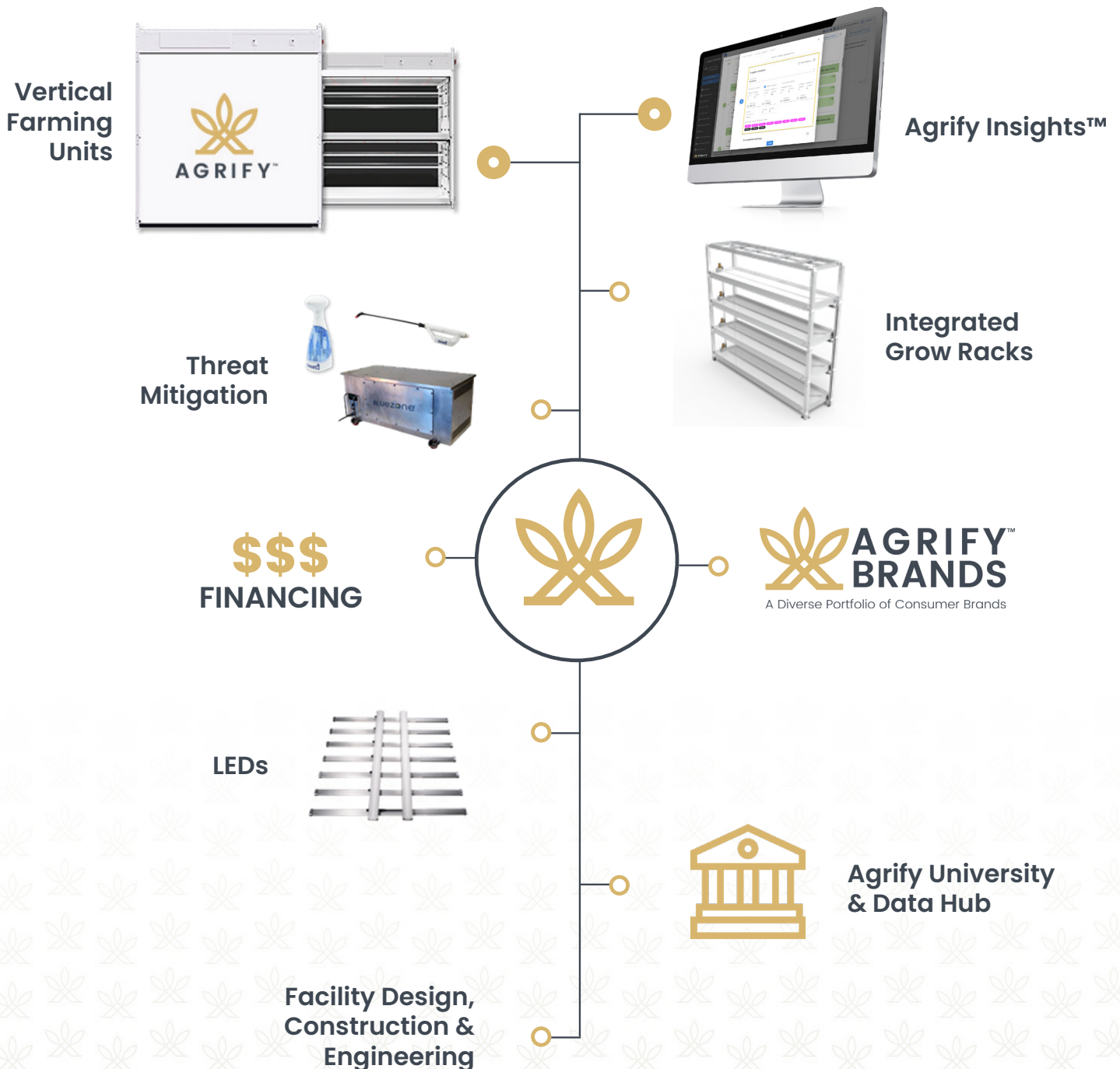


[Read the Case Study](#)



The Agrify Ecosystem

Agrify's products and services work in tandem to provide end-to-end cultivation solutions. Each product has been custom engineered to work seamlessly together and produce the highest quality, most consistent flower, with the lowest associated operating cost. Agrify services go above and beyond getting you set-up for success. Agrify has a team in place to help every step of the way from facility design to retail distribution.



Vertical Farming Units

Own Your Grow

The only integrated cultivation solution.

Compartmentalized Growing Environments

Optimize and replicate strain-specific cultivation environments

Maximized Facility Yield

Stack VFUs vertically to create up to 6x yield/sf

Increased Operational Efficiency

Average operational cost per lb is \$350/lb

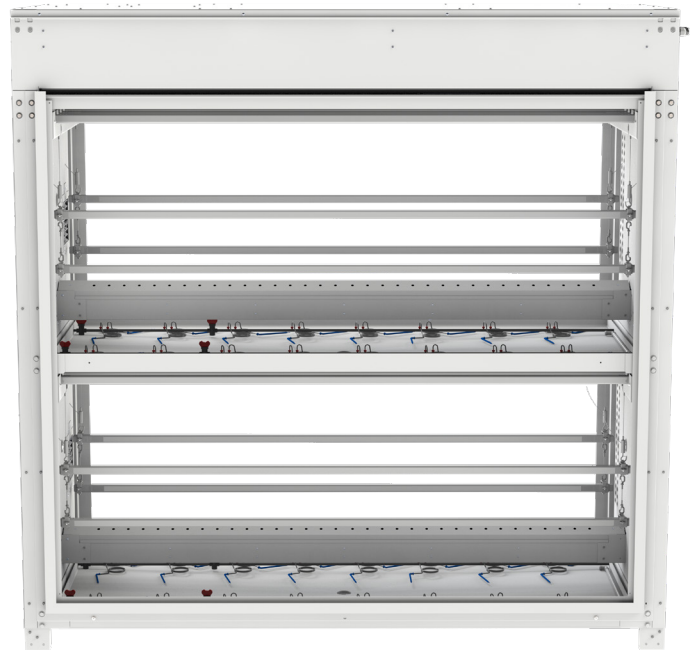
**Industry average is \$436/lb - \$516/lb*

LED Lighting

Built-in LED top light and inter-canopy lights

Superior Space Utilization

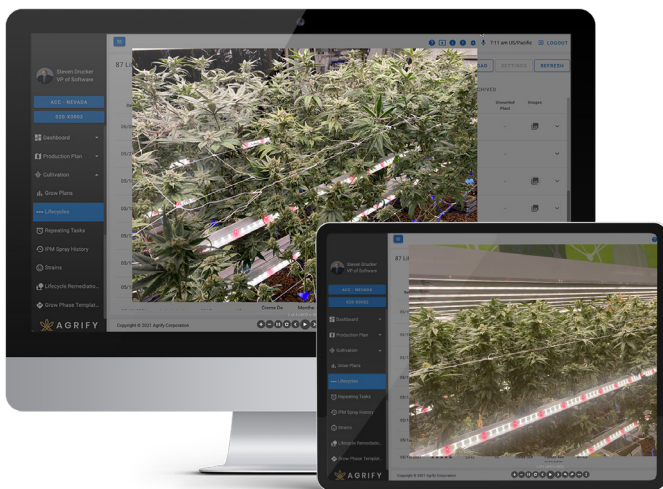
Agrify's VFUs fit mother plants, eliminating the need for separate rooms



Agrify Insights™

Grow Smarter

The only integrated cultivation solution.



Cultivation Software that Performs

Remotely monitor every part of your grow environment

Data Driven Insights

Up to 1.5+ million data points collected per VFU annually

Precision Monitoring and Controls

Automate and optimize temperature, humidity, lighting, CO₂, irrigation, and fertigation parameters

Demand-Based Production Planning

Optimize yield with weekly harvesting and staggered growth cycles



Integrated Grow Racks

Grow Efficiently

Fully equipped with LED Grow Lights, hydroponics, and basins, all intelligently designed and engineered to maximize your grow area.

How it Works

1

Choose Your Genetics

From one of Agrify's preferred partners



2

Manage Propagation Through Veg

Maximize efficiency with Agrify IGRS



3

Control the Environment

Drive consistency with Agrify VFUs



4

Gain Insights, Optimize & Repeat

Turn data into action with Agrify Insights



LED Grow Lights

Grow With Control

Cultivate more potent flower and harvest superior yields with Agrify's horticultural grow lights. Designed to minimize costs while going beyond simply being efficient, our LEDs are proven to consume less energy, and are longer-lasting than HID and HPS lighting. Agrify LEDs are integrated into the entire Agrify product ecosystem, introducing unsurpassed levels of control and ease of use.



Optimize Your Plant's Growth

- ✓ Adjustable, full-spectrum light output
- ✓ Excellent PPFD light distribution
- ✓ Superior cleanability
- ✓ Equipped with downlights and inter-lights

Outperform the Sun

Up to **60%** higher PPFD light distribution than HPS lights

Up to **40%** reduction in heat generation vs. HPS lights

Proven to achieve up to a **43%** increase in yields when switching to Agrify LED grow lights

Rated to last over **54,000 hours** while holding a minimum of **90%** of their original light output

Crop Protection

Grow Safely

From the veg room to the flower room to the trim room, cultivators can protect their grow with comprehensive crop protection products that neutralize environmental threats. Agrify utilizes revolutionary technology designed to optimize production and safety at minimal cost.

Air Purification

Agrify has partnered with Bluezone, an award-winning U.S. military tested air purification system that kills or converts airborne contaminants using ultraviolet-enhanced oxidation.

Organize Your Plant's Growth

- ✓ Oxidation Catalysts – destroys VOCs, unpleasant odors, and strips ozone before air is exhausted back to the space
- ✓ UV Enhanced Oxidization – ozone-generating UV bulbs use a combination of high levels of ozone and UV to oxidize and irradiate airborne contaminants
- ✓ Bluezone fresh air – purified air is returned to the space with significantly less ethylene, mold, and bacteria



Bluezone Efficacy

- ✓ Intertek Laboratory certified Bluezone to have a **99.9%** kill rate of both bacteria and fungus
- ✓ Case studies prove effectiveness in just **120 minutes**

Surface Sanitization

Agrify has partnered with Enozo to provide a sanitizing method for surfaces that converts water into aqueous ozone.

Enozo Features and Benefits

- ✓ Aqueous ozone produced on-demand with the pull of a trigger
- ✓ Toxin-free surface cleaner
- ✓ Rechargeable battery with LED indicator for recharging as necessary
- ✓ Lightweight, compact, and easily transportable bottle design
- ✓ Cleans, deodorizes, and sanitizes



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Agrify General Services

With Agrify as a partner, you have more to gain than just access to products and solutions. We have a team of experts that assist throughout the entire process, from facility design through retail distribution.

Facility Design & Construction

Ensure efficiency and productivity with our hassle-free turn-key solution – from architectural design, engineering, and construction to integrated cultivation solutions and equipment financing.



Capital Financing

Starting a cannabis operation can be costly. With Agrify's generous product and construction financing packages, customers get to market faster and more efficiently.

**Available to all qualified customers.*



Utility Rebates

Cannabis and hemp cultivators are prime candidates for LED lighting rebate programs because of the significant amount of energy used in cultivation facilities. Navigating state-specific rebate programs is complex and time consuming though. Our experienced team helps lead the process for maximum return on LED lighting investments.



Agrify Brands, Consulting & Education

Agrify Consulting & Brands

With over 40 collective years of industry experience, our cannabis consulting team advises clients on everything from facility design to product distribution. With our proven operational success model, we guide the development of standard operating procedures and training on everything from facility design through retail distribution, all custom designed to meet specific customer and regulatory requirements.

Brand Licensing and Support

Agrify customers have exclusive access to an established portfolio of successful consumer brands. Licensing these guarantees an immediate competitive advantage that drives market share fast. And for customers who want to launch their own brands, we offer unsurpassed brand-building expertise.



Agrify University

Agrify University is an immersive, hands-on, project based learning environment where science, data, and technology are used to assist next-generation growers in cultivating high-value crops with efficiency at scale. The Agrify University classroom, located in Billerica, MA, is an ideal space to learn and grow, both for prospects and employees.

Learn through multi-sensory experiences such as media-enhanced presentations and cannabis based workshops created by our subject matter experts.

Develop knowledge and skillset in the ideal environment focusing on horticultural techniques, production planning collaboration, and general cannabis business practices.

Perform successfully by cultivating high-quality cannabis crops and develop a high-performing cannabis operation with Agrify products, services, and support.



Here's What the Experts Are Saying

"We toured a lot of other facilities and it just felt really archaic or not up to standards. We wanted to build out a facility that could utilize technology in the new way of growing and not try to build a brand-new facility that was 20 years old."

- Nick Lynch, Whitecloud Botanicals

"Agrify solves the things that stress me out about going to a big scale cultivation operation like we're planning to because of the human error that it reduces and the technological support they provide. ...It really checked a lot of boxes for me right off the jump."

- Ben Virga, Bud and Mary's

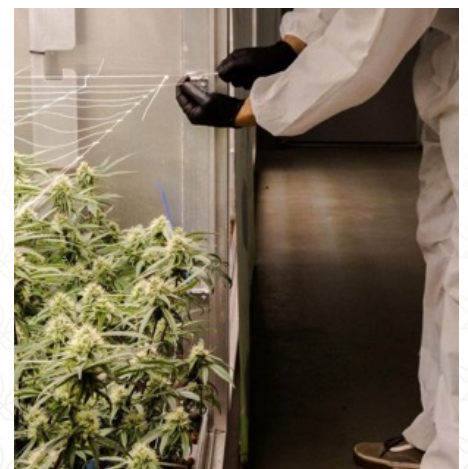
"There were technical factors that led us to Agrify, plus they worked with us, they were really good to work with and they were incredibly knowledgeable. "

- Kevin Ferdowisan, Easy Street Extracts

Start Building a Successful Future Today

Agrify applies data, science and technology at every level of production from strain quality and consistency to the operation's tracking and management. By leveraging data, growers and operators are empowered to maximize their time and outcomes with fewer touchpoints. This software automates vast amounts of data collection, which in turn are used to further optimize the cultivation process and the quality of the flower produced.

Ultimately, the use of Agrify Insights allows our customers to maintain a competitive edge in a hyper-growth environment by giving them the tools to grow the highest quality flower with reproducible environments and repeatable practices, always delivering on consistency of process and product.



Contact Us

76 Treble Cove Road, Building 3
Billerica, MA 01862

www.agrify.com
(617) 896-5243

sales@agrify.com

Connect With Us: @agrifycorp

