



## Flourish Aquaponic Farms™

Designed by Farmers for Farmers

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 Efficient Design

 Production Driven

 Resilient Systems



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## Why Aquaponics?

Aquaponics is the most efficient and resilient way to grow a wide variety of produce and fish together in a single system. Aquaponic farming is quickly becoming a critical part of the local food production equation. We simply have to grow more food with less water and grow the food closer to the consumer if we want to create a more sustainable future. We need more local farmers and gardeners producing the healthiest food possible for our families and communities.

### Aquaponics allows us to...

- 🌱 **Reduce** food transportation miles by growing locally
- 🌱 **Grow** highly nutritious fruits and vegetables year round
- 🌱 **Preserve** our wild fish populations by raising healthy fish in a controlled farm
- 🌱 **Conserve** water by using a tenth of the water compared to soil based agriculture
- 🌱 **Replenish** soils using aquaponic water
- 🌱 **Scale** from home production to community and commercial scale farms
- 🌱 **Feed** people and communities who lack access to healthy affordable food

### Food Miles – A Typical Meal

The Food	Common Place of Origin	WASD*
Tilapia	China, Ecuador, Indonesia	7,626 miles
Salad greens	US, Mexico, Canada	2,055 miles
Tomato	US, Mexico, Canada	1,369 miles
Herbs	US, Mexico, Turkey	3,456 miles
Strawberries	US, Mexico, Chile	1,944 miles

**16,450 Food Miles**

\*Weighted Average Source Distance – A single distance figure that combines information on the distances from production to point of sale and the amount of food product transported. – Leopold Center's Food, Fuel and Freeways report, data for Chicago

## Why Us?



Since 2009, we have been researching, developing, and operating aquaponic gardens and farms. We built and operated Flourish Farms, a 3,000 sq ft aquaponic farm, managing every aspect of food production, distribution, marketing, food safety, and many other aspects related to the business of farming. Many people in the industry have claimed that aquaponics can't be profitable, particularly at a small scale. We proved that aquaponics can be profitable with the right system, a good business plan, and a resolve to overcome any obstacle.

*Our mission is to continuously improve our farms, training and support programs so that we can provide aquaponic farms that are productive, efficient and resilient for generations to come.*

## What Differentiates Our Farms?

**Most of the aquaponic farms on the market today do not use space efficiently.** The farm equipment and layout does not best fit the customers space and there is significant space wasted to large inefficient filter tanks and plumbing. We've met many aquaponic farmers with DIY or turnkey systems and they often say the same thing, "We paid too much money and we are not getting the production and financial returns we had hoped for." Why is that? Well there's a lot of reasons but one of them is because the system simply didn't fit their space well and that space is costing money.

**Our farms are designed with the farmer in mind.** We want to make sure that your farm best fits your goals, space, and budget. If your intention is to sell for profit then we will make sure your system provides the maximum production for your space. If your intention is to use the space for other functions, we can design a system that is appropriate for your needs. Most importantly, our farms are engineered to be highly productive, efficient to operate, resilient, and beautiful.

## Our Process

Whether you are choosing a standard farm model or looking for a customized solution, our goal is to make sure that we get the project right from the initial planning stages to your first harvest and beyond. Our team will work with you to determine the right size aquaponic system to align with your goals and objectives.



## Flourish Aquaponic Farms™ Features

Flourish Aquaponic Farms™ are designed to raise fish and plants together in a practical, productive, and ecologically balanced system. The high volume production of leafy greens, herbs, fruiting crops, microgreens, and fish takes place in a fully recirculating system. The farms use a fraction of the water compared to soil based gardening and can grow food continuously year round. Our farms are based upon years of experience, sound scientific principles, and industry best practices.

We offer three standard farm models designed to fit common greenhouse dimensions. However, our farm systems are extremely modular and can be configured to best fit your goals, space, and budget.

### How the Farms Work

Water from the fish tanks is pumped through the filtration system. Fish solid waste is captured in the filter and bacteria on the surface of the biofilter media convert toxic ammonia to nitrates. An aerobic digester tank allows solids that are removed from the filter to be further “mineralized” to maximize nutrient availability. These additional nutrients can be reintroduced to the system or used for other crops. Following the filter, water flows into the dual sump system. The dual sumps can be connected or disconnected (discussed further in decoupling). Water is pumped back to the fish tank and also simultaneously to the plant systems. Water pumped to the plant systems returns back to the sumps. Low noise linear air pumps provide aeration to the fish and plant systems.

The recirculating nature of the farm allows for reuse of water and absorption of nutrients which are continuously being produced by the fish. No water needs to be discharged from the farm. Water will need to be topped off periodically due to natural losses from evapotranspiration.

### The Fish System

Flourish Farms are designed to ensure that the fish, bacteria, and plants are well balanced to provide the nutrients the plants need and the biological filtration necessary for healthy fish. All organisms in the system need to be working together and thriving for maximum productivity.



Our farm systems incorporate multiple fish tanks using a staggered stocking method. Each tank contains a specific age cohort of fish which allows them to receive the proper feed and nutrition they need. The staggered stocking method allows for continuous production of fish for sale. Fish will grow up in the same tank their entire life without having to be moved which reduces stress on the fish. As we say in class... Don't stress out the fish!



## The Filtration System

Flourish Aquaponic Farms use AST Polygeyser series filters designed for long-lasting, hands-off operation. The filter provides mechanical and biological filtration in a single unit occupying only a few sq ft. No media cleaning or replacement is necessary. The auto-pneumatic backwash limits the water loss to the removal of concentrated sludge. Sludge can then be manually or automatically removed and added to the aerobic mineralization tank for additional nutrient production. Filters are sized for each farm based upon the anticipated daily feed rate among other factors.

## Aerobic Mineralization Tank

Adjacent to the AutoBackwashing filtration system is a fully aerated mineralization tank. The tank is sized based upon the expected discharge of waste from the filter and the expected mineralization time for the solids to fully break down. When fish waste and water is added to this tank and aerated, it goes through a process of aerobic mineralization which allows the sludge removed from the filter to be naturally broken down into soluble nutrients that can be taken up by plants. Periodically, you can turn the air off for an hour which allows the suspended solids to settle to the bottom of the tank. The resulting compost tea-like solution that separates is called the supernatant. The supernatant is a concentrated microbial and nitrogen rich solution that is an ideal natural fertilizer for all types of plants, grasses, shrubs and trees.

Each mineralization tank is plumbed with a supernatant discharge connection directly to your plant sump. Simply open the valve and super boost your crops. Through our experience and the research of others, we've found that the reintroduction of mineralized solids allows you to get maximum value out of your fish feed while reducing reliance on supplemental nutrients.

## Growasis™ Modular Raft Systems

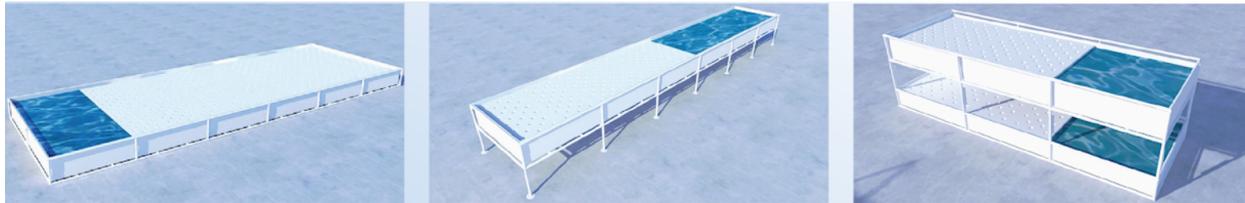
The primary method for plant production in our farm designs is floating rafts, or deep water culture (DWC). DWC has been proven for decades in research and production farms as the most reliable and consistent way to grow a wide variety of crops at a commercial scale. Roots take up water, oxygen, and nutrients below the raft while the plants grow above getting the greatest benefit of sunlight, proper spacing, and airflow.

Our Growasis Modular Raft Systems include fully constructed metal framed troughs, liner, aeration, insulation paneling, and Beaver Plastics 28 hole food grade raft boards. Seedlings in the nursery are started in compostable plugs that fit perfectly in the raft boards.



We offer three different styles of Growasis DWC systems: Our base farm systems utilize the ground level DWC troughs. Growasis troughs can also be elevated for convenient and “back friendly” transplanting and harvesting. Growasis double decker troughs can also be utilized if you want to double your production in the same space. Double decker systems include high efficiency LED lighting to provide ideal lighting levels for crops on the lower deck. All of our systems are extremely scalable and can be designed to best fit your growing space and production goals.

*Growasis Modular Raft Systems: Ground Level, Elevated and Double Decker Illustrations*



With Growasis Modular Raft Systems you know exactly how many plants per square foot you are growing in your system. This allows for very predictable and organized crop rotations, allowing you to maximize plant production.



*<<< Growasis Double Decker 4' x 40'*

*Growasis 8' x 72' Elevated >>>*



## Growasis™ Vertical Nursery and Microgreen Systems

One of our favorite features of our Flourish Farm systems is the combination of our Growasis Elevated transplanting trough and the Growasis Vertical Nursery and Microgreen System. Much of the work on the farm involves seeding, transplanting, and harvesting. Doing this work at waist height between the nursery system and elevated transplanting troughs makes farm life so much easier! Each 4 tier vertical nursery system allows for up to (16) 128 hole seedling trays (2,048 plants) in only 8 total square feet (pictured top right). This is ideal when space is at a premium.



We also offer our nursery system in a two deck raceway style format (pictured lower right). The nursery can span from 6 to 30 feet long, holding over 90 plug trays and microgreen flats.



The size of the nursery and elevated transplanting trough is correlated to the size and anticipated production of your DWC system. Additional space on the nursery decks not being used for your seedling rotation can be used for production of microgreens or other early stage plant starts.

## AquaBundance Modular Media Bed System

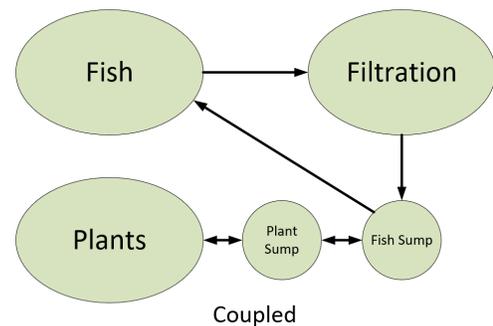


Our farm designs can also incorporate media beds to provide space for other crop varieties such as tomatoes, peppers, squash, or even dwarf fruit trees. The media beds contribute to the overall bacterial surface area and thermal mass in the system.

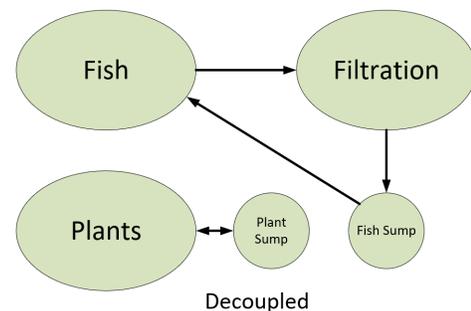
Our AquaBundance media beds come complete with heavy duty powder coated metal frames, grow beds, growing media, all plumbing components, and an optional light rack (also used for trellising vining crops).

## Fish and Plant Decoupling

We design all of our farm scale systems with the capability to “decouple” the fish system from the plant system. **In coupled mode**, the fish water flows through the filtration system and to the dual sump where it is simultaneously pumped to the fish tanks and plant systems. In this configuration the two sump tanks are connected together and exchange water. However, there are times, such as during startup, when fish loads are too low to provide enough nutrients to the plants.



**In decoupled mode**, a valve simply disconnects the two sumps. You can then run the plant system independently with its own pump using an organic nutrient solution such as Espartan. The fish system uses its own dedicated sump and pump to return filtered water back to the fish. Both the fish and plant systems can operate independently in decoupled mode.



***Having the ability to easily decouple allows you to keep your plant production and business running even if your fish population is not able to provide the full amount of nutrients or you experience a loss of fish.***

## System Plumbing

We take great care in our farm designs to ensure that the layout of all pipes and plumbing elements in the system are tightly consolidated and are not obstructing walkways or creating an unsightly mess. We have seen a lot of farms with “turnkey systems” where there are huge PVC pipes all over the place making it extremely difficult to walk and unsafe to work.



The Growasis Modular Raft Systems have supply and return inputs on the same end of the trough. Each trough is also independently plumbed so there are no pipes interconnecting between the troughs. By establishing the supply and return on the same end of the troughs all of the plumbing is consolidated on one end of the farm, out of the way of high traffic areas where much of the day to day activity takes place. Supply and return tubing that has to cross a walkway is covered by an industrial ramp. For larger diameter pipes (3” or greater) we can provide a trench plan with removable fiberglass grate covers to keep pipes below walkways.

## Optional Equipment and Startup Supplies

**System alerting** - An optional monitoring and alerting system is recommended for 24/7 monitoring and alerting for power outages, floods, temperature, change and high/low water levels. There are several additional monitoring options available to choose from.

**Fish Quarantine and Purge System** - The system allows for the observation and development of fingerlings to help prevent the introduction of potential diseases to your main fish population. The system comes with a 200 gallon tank, Endurance auto-backwashing filter, aeration system, heater, and all plumbing components.



**Grow Lighting Systems** - Depending on your location, your farm may require grow lighting to stay operational year-round. Our design team uses real location-based data to determine how much light your greenhouse will naturally receive. We then determine a solution that provides the exact amount of light that your plants require. Using this method, we can ensure ideal growth rates without wasting money. We utilize the most advanced technology available today, using highly efficient, high-output LED fixtures, robotic moving systems, controllers, and monitoring systems.



**Heating Solutions** - Providing a consistent and stable temperature for your fish and plants is important for the success of your farm. When the water temperature fluctuates rapidly or is too cold, then your fish will be stressed. When fish are not actively eating at their recommended daily feed rate, then plants will not get the nutrients they need. Our Aquaheat natural gas and propane heating solutions will provide efficient and reliable heat to your system.

**Farm Supplies** - Each Flourish Farm includes supplies tailored for the size of your farm:

- **Cycling Supplies** – Establishes proper bacteria levels to begin fish and plant production
- **Fish Supplies** – Stage 1 and 2 fish feed, fish nets
- **Pest Management Products** – We provide three different OMRI approved and aquaponic safe biologicals for use against common pests, fungus, and plant diseases
- **Nutrients and Adjusters** – AquaUp pH Buffer formula, Chelated Iron, AquaDown, and Espartan organic nutrient solution
- **Growing Supplies** – We provide Growtech 128 seedling plug trays for you to achieve approximately two full harvests for your farm
- **Water Quality** – Master API test Kit, Hanna Iron and Alkalinity checkers, and Prime Water Conditioner

## Flourish Farms Production Overview

**Production Estimates** - There are many variables that will influence the levels of production in your Flourish Farm System. Some of the main factors influencing productivity are: available light, nutrient availability, water and air temperature, humidity, quality of seedlings, plant species, performance of biofilter, fish feeding, and more. Your role as the farmer will be managing these elements with a goal to optimize production and minimize risk.

### Production Assumptions

- The system is being run for production purposes and not for research or education which could affect the consistency of output and quality of products.
- Seeding, transplanting, and harvesting rotations are being well maintained.
- All raft boards have been planted in the Growasis Raft systems using five common species of leafy greens: Bibb Lettuce, Romaine, Green Star, Mustard Greens, and Basil.
- Production of leafy greens is based upon the total Growasis sq ft, planting density, and an average transplant to harvest time of either 4 or 5 weeks (not including nursery time).
- Media beds include seasonal produce such as tomatoes, cucumbers, peppers, and collards. Estimates include annual lbs of tomatoes assuming an average yield of 45 lbs per plant with 4 plants per bed.
- Total lbs of fish assumes whole live weight fish.

### Annual Production Estimates of Leafy Greens and Tomatoes

Flourish Farm System	DWC Growout (sq ft)	Total Planting spaces	DWC 4 week rotation (heads)	DWC 5 Week rotation (heads)	Media Beds	Tomatoes (lbs)	Fish (lbs)
Flourish 23' x 40'	304	1064	13,140	10,512	5	900	260
Flourish 30' x 52'	640	2,240	27,664	22,131	6	1,080	550
Flourish 30' x 98'	1,344	4,704	58,094	46,476	8	1,440	1,200

**Energy** - The farm utilizes a single main pump in normal operating mode running continuously. When running in decoupled mode, the farm utilizes two pumps, one running the plant system and the other running the fish system. Energy estimates also include the artificial lighting required to run the vertical nursery systems. Estimates do not include optional grow lighting systems, greenhouse, or building HVAC systems.

**Estimated Farm Management Time** - The estimated amount of hours required to manage the farm each week. Some days will be busier than others such as harvest and seeding days. Other days you may spend very little time on the farm, except to feed the fish of course.

## The Flourish 23' x 40' Aquaponic Farm

This is the perfect farm for people considering growing food for their family while also running a small farmers market or establishing a CSA program in their community.



*Estimated Farm Management Time - 20 hours a week*

*Estimated Energy Consumption - 18 kWh a day*

*Production Estimates*

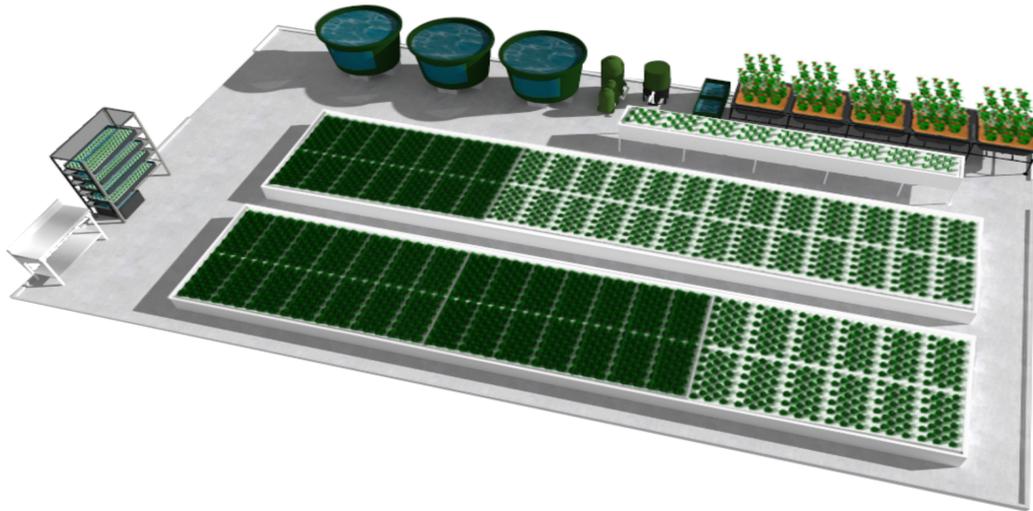
Growing Environment	Annual	Monthly	Weekly
Growasis DWC (# of plants)	13,140	1,095	253
Media Beds (lbs of product)	900	75	17
Microgreens (# of flats)	338	28	7
Fish live weight (lbs)	260	22	5

### System Components

- Two 300 Gallon Fish Tanks (54' x 33') - Forest Green with optional window kits
- AST Endurance 4000 Auto-backwashing filtration system
- Nutrient Recovery and Aerobic Mineralization Tank - 30 Gallon
- Aquabundance Modular™ Five Media Bed System - 45 sq ft total
- Growasis™ Elevated Modular Raft System 4'w x 24'l x 31'h
- Growasis™ Ground Level Modular Raft System 8' x 28' - Main Plant Production Trough
- Growasis™ Vertical Nursery and Microgreen System with LED lighting
- Danner submersible mag drive pumps for fish and plant recirculation
- Alita ultra quiet high capacity linear air pumps for aeration of fish tanks and plant troughs
- Farms include all PVC piping and fittings
- pH, EC, Temp Monitor with active carbon auto top off filter

## The Flourish 30' x 52' Aquaponic Farm

Our mid-sized farm system looks small but produces big results. A great farm for supporting a niche market, boutique restaurants, CSAs, or farmers markets.



*Estimated Farm Management Time - 30 hours a week*

*Estimated Energy Consumption - 20 kWh a day*

*Production Estimates*

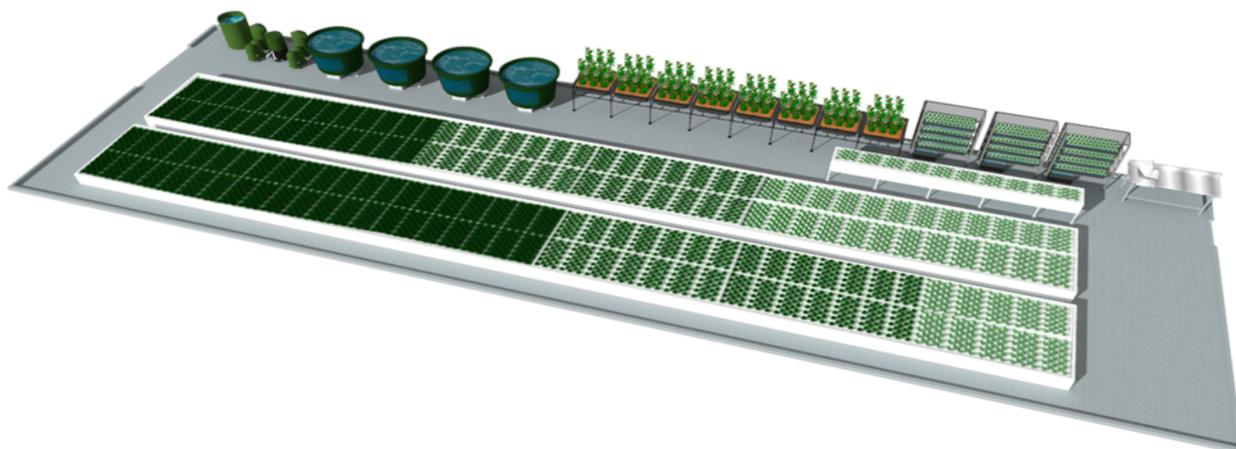
Growing Environment	Annual	Monthly	Weekly
Growasis DWC (# of plants)	27,664	2,305	532
Media Beds (lbs of product)	1,080	90	21
Microgreens (# of flats)	182	15	4
Fish live weight (lbs)	550	46	11

### System Components

- Three 300 Gallon Fish Tanks (54' x 33') - Forest Green with optional window kits
- AST PG-6000 Auto-backwashing filtration system
- Nutrient Recovery and Mineralization Tank - 55 Gallon
- Aquabundance Modular™ Six Media Bed System - 54 sq ft total
- Growasis™ Elevated Modular Raft System 2' x 20'
- Growasis™ Ground Level Modular Raft System (2) 8' x 40' - Plant Production Troughs
- Growasis™ Vertical Nursery and Microgreen System with LED lighting
- Danner submersible mag drive pumps for fish and plant recirculation
- Alita ultra quiet high capacity linear air pumps for aeration of fish tanks and plant troughs
- Farms include all PVC piping and fittings
- pH, EC, Temp Monitor with active carbon auto top off filter

## The Flourish 30' x 98' Aquaponic Farm

Our flagship farm fits perfectly in a common 30' x 98' greenhouse. You can supply cases of leafy greens, microgreens, and fruiting crops to local restaurants and markets each week. This farm means business and lots of it.



*Estimated Farm Management Time - 40 hours a week*

*Estimated Energy Consumption - 30 kWh a day*

*Production Estimates*

Growing Environment	Annual	Monthly	Weekly
Growasis DWC (# of plants)	58,094	4,841	1,117
Media Beds (lbs of product)	1,440	120	28
Microgreens (# of flats)	364	30	7
Fish live weight (lbs)	1,200	100	23

### System Components

- Four 500 Gallon Fish Tanks (80' x 33') - Forest Green with optional window kits
- PG-12000 Auto backwashing mechanical and biological filtration system
- Nutrient Recovery and Mineralization Tank - 110 Gallon
- Aquabundance Modular™ Eight Media Bed System 72 sq ft total
- Growasis™ Elevated Modular Raft System 2' x 40'
- Growasis™ Ground Level Modular Raft System - (2) 8' x 84' - Plant Production Troughs
- Three Growasis™ Vertical Nursery and Microgreen Systems with LED lighting - 2,048 seedlings can be housed in each system
- Danner magnetic drive pumps for fish and plant recirculation
- Alita ultra quiet high capacity linear air pumps for aeration of fish and plant systems
- Farms include all PVC piping and fittings
- pH, EC, Temp Monitor with active carbon auto top off filter

## Applications

**Small Family Farms** - Grow food for your family while having extra produce to take to farmers markets, or sell to neighbors, local markets, or restaurants for additional income. This can be a great choice for a startup or supplemental career, family activity, or enjoyable retirement project.

**Community Development Projects** - An aquaponics farm is a perfect way to create community around food. In addition, there are many underserved neighborhoods that lack access to healthy food. We have witnessed first hand the impact that an aquaponic farm can have in a community and the positive impact achieved when healthy food is available and affordable.



**Retirement Community Greenhouse** - Flourish Farm systems can easily fit into an existing retirement community or be incorporated into a new development. The greenhouse serves as a centerpiece for healthy living and quality engagement among the residents who can care for the fish and plants and grow their own food.

**Schools and College Campuses** - There's no better learning tool than an aquaponics system. All of the important STEM (Science, Technology, Engineering and Math) subjects and additionally business, economics, nutrition, horticulture, operations, management, and more are all part of an aquaponics system. These farms can be learning environments while also producing healthy food for the school.



**Corporate Campuses** - Health and wellbeing programs are extremely important for corporations. Why not consider growing your own food on site? Employees can visit the greenhouse as a way to take a break. The cafeteria can feature its own farm grown products. Employees can participate in a company food share. Extra produce can be donated to local food banks. The possibilities for sustainable and quality of life improvements are innumerable.

**Self Reliance** - There's nothing more important and powerful than controlling your own food especially if the current food distribution system is disrupted. An aquaponics farm in a passive solar greenhouse can be an excellent way to grow year round, and ensure your family and surrounding community has access to food at all times.



## Featured Projects

More projects can be viewed here: <https://www.theaquaponicsource.com/our-work/>

### The Mental Health Center - Dahlia Campus Farm - Denver, CO

Believing that food is the first form of medicine, The Dahlia Campus Greenhouse at the Mental Health Center of Denver is a 5,400 sq ft facility that was designed from the ground up. There was a great deal of community input regarding the types of fish and plants they wanted to grow. The farm features two state of the art raceway fish tanks at 2,800 gallons each. The fish tanks have their own integrated filtration system with automatic filter backwashing. The tanks also circulate water via air pumps which simultaneously provide oxygen, thus reducing the overall energy and equipment footprint. The farm is currently raising catfish and tilapia with an expected output of 5,000 lbs annually.

The plant system is all deep water culture comprising three 8' x 76' long troughs totalling 1,824 sq ft of plant production. The farm is growing several varieties of kale, salad and leaf lettuces, cooking greens, collards, basil and chard, culinary herbs, and microgreens. Annual output for greens are expected to be over 25,000 lbs. The farm was recently featured in a story on PBS Newshour as an innovative community based model for healthy food, wellness, and support programs working in the heart of a historic Denver neighborhood.



### ButterCrunch Farms Eagle, CO

ButterCrunch farms was built in the fall of 2016 and is located on private property in Eagle, CO. The owners developed a business plan to serve restaurants and markets in the Vail Valley region with high quality greens, microgreens, and herbs along with tilapia.

The farm has a separate 30'x 30' barn attached on the north of the greenhouse which is where the fish tanks and filtration system is located. This is a great arrangement because it allows the

greenhouse to be entirely dedicated to plant production. The barn also houses a cooler dedicated for product and feed storage and has room for sinks and processing space.

The system is composed of four 500 gallon fish tanks that provide nutrients for the entire 40' x 80' greenhouse. The main DWC system has three 8' x 62' troughs, an elevated transplanting trough, nursery, media beds' and containers growing tomatoes, eggplants' and peppers.

The owners say that the customer feedback has been terrific and they have tremendous demand for their high quality, year round products at roughly 6,600ft elevation.



## FarmWild - Bellingham, Washington

The most recent addition to FarmWild is a state-of-the-art year-round aquaponics greenhouse. Built through the first half of 2020, the 2,200 sq ft greenhouse is home to the largest aquaponic leafy green production system in the region. Custom designed, with knowledge and materials supplied by The Aquaponics Source, the system has 4 fish tanks for a total of ~1200 gallons of water that are home to about 400 koi and 60 tilapia. The fish system features an Endurance 4000 auto-backwashing filtration system along with a dedicated mineralization tank to further break down fish waste and provide additional nutrients for the plants. The dual sump configuration allows the system to easily run in coupled or decoupled mode.

Three Growasis elevated DWC tables provide a total of ~1000 sq ft of lettuce and basil growing area with an extra 150 sq ft of media beds for additional filtration, mineralization, and diverse crop growth. The greenhouse has an automated control system that controls climate, provides heat, or automatically opens and closes the roof and side vents based on temperature or humidity. With 2 weeks on the nursery shelves, and 2 weeks in our high density transplanting table, plants grow out on the DWC tables with a 4 week growth cycle. This allows production of 600-800 lettuce and basil plants

per week, every week of the year. That's as much lettuce as can be grown on 2 acres of high quality farmland.

Farm Wild supplies their lettuce and basil to local restaurants, meal and produce delivery services, and a faithful army of friends and farmers market customers.



## The GrowHaus - Denver, CO

The GrowHaus is a non-profit located in Denver's Elyria Swansea neighborhood. An abandoned greenhouse became the home for the Growhaus in 2010 and serves today as a thriving community center with a focus on providing access to healthy affordable food, education and community events. Over four years the farm has grown over 100,000 lbs of produce and fish and is a profitable operation. In addition to serving the community food basket program, products from the farm are sold to local restaurants and markets that are all within 5 miles of the farm.



## Getting Started

**Attend a Course** - If you are considering aquaponic farming as a business, we strongly encourage you or your entire team to attend our **Flourish Farm Aquaponics Business Course**. This is the best way to learn the many aspects of aquaponic farming and get hands-on experience. We provide a tremendous amount of resources so you can start planning your farm business. The class is free if you purchase a Flourish 30' x 96' Farm from us at any point in the future.



We now offer **Flourish Farm Aquaponic Course Online**. Please visit our website to learn more and enroll. This course has all of the content as the live class and you can learn at your own pace in the comfort of your home.

<https://www.theaquaponicsource.com/online-aquaponic-farm-courses/>

**Contact us** - Our process starts with listening to your goals and objectives, gathering requirements, and then determining a best fit solution. Please contact:

[Sales@Theaquaponicsource.com](mailto:Sales@Theaquaponicsource.com)

We look forward to helping you get started in aquaponic farming.

*JD & Tawnya Sawyer*

<https://www.theaquaponicsource.com/>

