

Sustainable Food Strategies for Religious Institutions



Sustainable food strategies that generate new sources of revenues, full employment, agricultural independence and food security.



Founder: Darral Addison

Stop spending thousands of dollars growing poisonous plants. People are hungry. Aim for sustainability”

Feed My Sheep

The purpose of this document is to identify strategies that will drastically reduce your expenses, generate a profit, and cultivate the growth of a thriving Urban gardening community. The approach proposed in this document focuses on creating an urban gardening alliance that will attract new business to stimulate economic growth. It will provide a clear path towards communicating your organization's urban gardening strategies and set clear objectives for supporting agencies in achieving these goals.

Your church is sitting on a gold mine! If your church were to enter into a partnership with Torpedopot to optimize the relationship between community, technology, agriculture, nutrition, and economics, your congregational would become an epicenter for the urban agricultural revolution. Torpedopot develops sustainable food strategies that generate new revenue sources, full employment, agricultural independence, and food security.

Torpedopot™ wants to make Salem Baptist Church the epicenter for sustainable urban gardening. While most churches invest in beautification projects for empty lots, Salem will boast both green beauty and true agricultural sustainability. From the roof to the vacant lot, Torpedopot™ will invigorate empty and unused parts of your property by transforming them into beautiful high yielding gardens. Torpedopot will keep the Roslyn gardening tradition alive while improving its citizens' health and reducing dependency on water and eventually soil.



Stop spending hundreds of thousands of dollars growing poisonous plants. That must be replanted every year People are hungry. Learn to “Grow for Profit”

Produce More Food Than Your local Farm

Benefits!

- Eliminate landscaping cost
- No tilling, surveying, aerating
- No synthetic fertilizers
- No tarps,
- Reduce pesticides, herbicides, and fungicides
- Over 90% reduction in water
- Use soil indefinitely
- Blocks rodents
- Blocks weeds
- No tilling
- Weather resistant
- Germinates seeds and grows plants
- No explosive chemicals onsite

Generate a profit!

- Raise Capital
- Grow organically/Biotic
- Pure Food
- Sell Food
- Sell Medicine/Herbs
- Never go hungry
- Food that’s Readily accessible
- No refrigeration Required
- Earn a Income
- Become a distributor

Landscaping is expensive! For small jobs such as lawn care or tree service, you can expect to pay \$50 to \$100 per hour. For larger jobs such as landscaping , you can expect to pay \$4 to \$12 per square foot.

We don't have food shortages, we have accessibility problems. The current outdated supply chain cannot feed the world. Decentralize food production so everyone can access it.



What can It Grow?

Torpedopot™ works 24 hrs/day growing your plants. You don't have to be there.! Hands down, it can outgrow any planter in the world. It has a small compact design that is aesthetically pleasing and powerfully functional. You can connect hundreds of planters to create the largest most integrated garden community in the world.



Peppers



Cannabis



Eggplants

- Mobile, scalable, and inexpensive
- Outdoor/indoor solution
- No fertilizers required
- Weather resistant
- Easy adoption
- Water efficient
- Use soil indefinitely
- Organic growing



Mint



Bok Choy



Over 3,000 Scallions

You can select the planter's height, diameter, number of grow sites, the layout of growing locations, color materials, etc. These planters have digital and manually controlled watering capabilities. The type of watering that takes place in the Torpedopot™ is fundamental to the biodiversity of the soil. They are highly efficient in that you'll get the most growing area for your money using the least amount of resources.

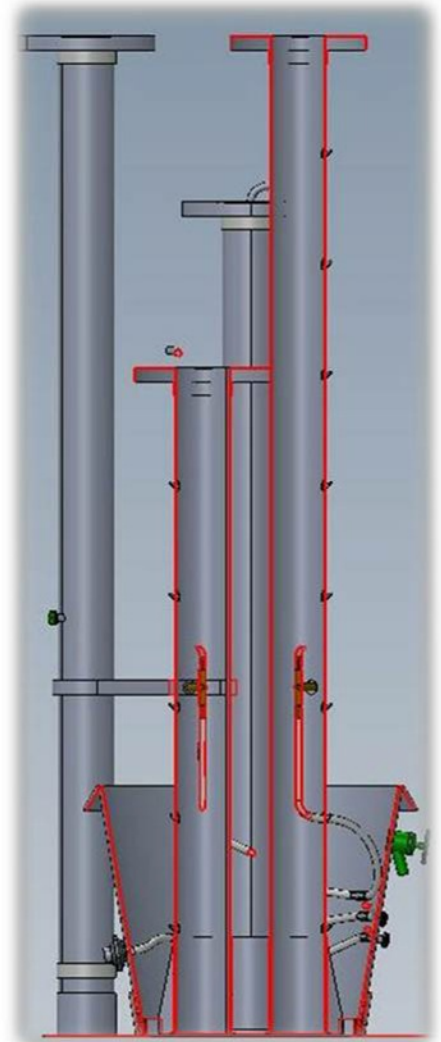


Scientifically Designed to Grow Plants

Can you stop yourself from growing? No one can stop you from growing. Likewise, you cannot prevent a plant from growing. You can give plants water, but plants need more than water to survive. Most people measure their gardening success by how well they can mix soil and water together in the sunlight. This only solves part of the problem. What we are missing is sustainability. The plant environment is not sustainable. Plants can grow in some of the weirdest places. From car tires to holes in the street, plants are indestructible. Most plants die because the environment can no longer sustain the plant.

Torpedopot™ automates the amount of water and nutrients needed for your plants. Our technology gives your plant the tools it needs to create a sustainable biotic environment. Torpedopot™ scheduled watering ensures that your plant's habitat is not too wet enough to drown the plant and wash away the biotic environment and not dry enough to dehydrate plants and cause them to collapse. Torpedopot™ allows you to create optimal decomposition conditions and provides a space for plants so they can choose which microbes it wants to harvest. Torpedopot™ focus is on improving the biological and chemical processes in the soil that affects plant productivity, thus increasing yields. Torpedopot™ isolates an environment for your plants to develop their microflora.

Torpedopot™ has been designed to reduce the shock of not having a perfect growing environment and allows you to optimize the conditions for which plants can achieve their full potential. Torpedopot™ provides an environment which allows plants to achieve their full potential. Torpedopot™ optimizes the conditions in which plants can reach their full potential. Torpedopot has been scientifically designed to grow your plants for you!



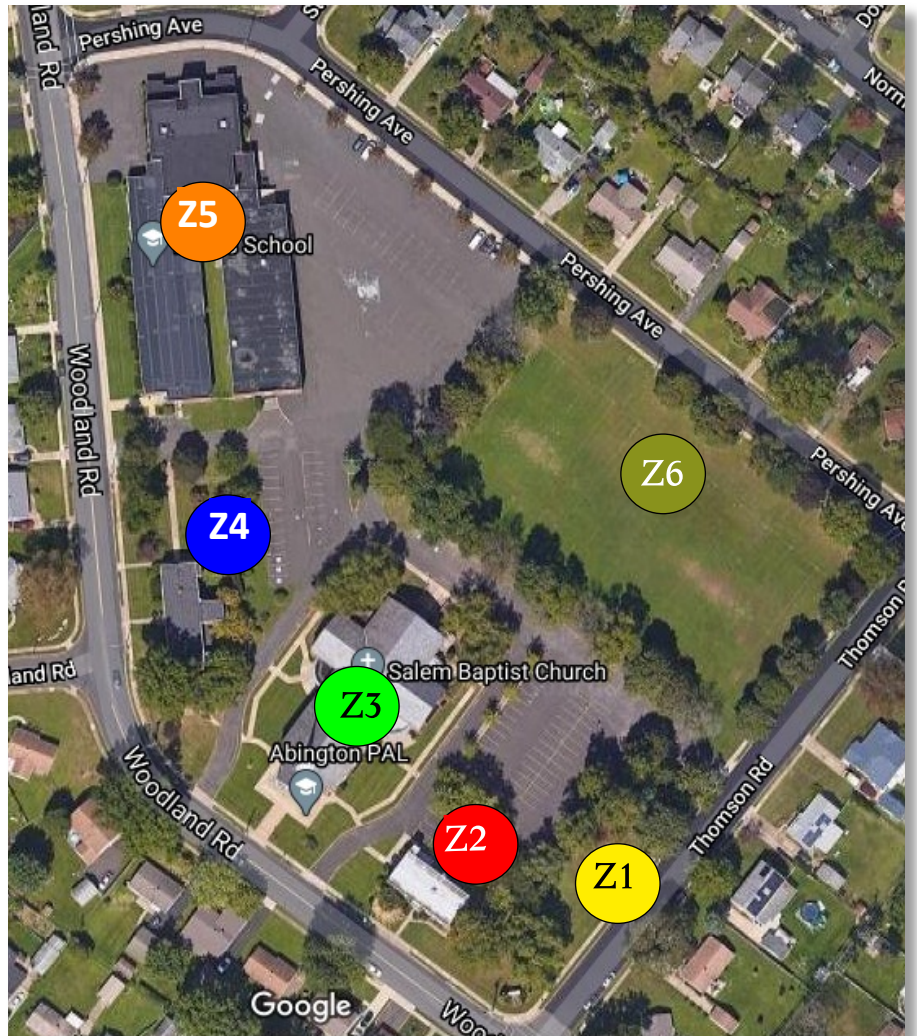


Site Requirements

Change the Narrative!

Our goal is to convert the campus over into a fully functional site for High-end agribusiness. You will:

- Eliminating landscaping expenses
- Grow foods and vegetables
- Establish fungus facility Z6
- Produce organic soil Z6
- Create employment
- Training school Z5
- Epicenter for sustainable agriculture
- Technology Hub Z5
- Model for global Churches
- Torpedopot Partner/ Distributor
- Torpedopot manufacturing site Z5
- Water filtration location Z5
- Convert into a Home Depot



What we look for in a Site

1. Property Dimensions - Efficiently use spaces: football fields, patios, rooftops, basements, and indoor areas.
2. Water Quality - Organisms can arise through poorly maintained water generation system
3. Soil Quality - Organic matter plays an essential role in maintaining soil quality
4. Water Pressure - Elevation changes can add or subtract water pressure
5. Nutrients - What nutrients must be made available for the microbes
6. Crops - Understanding the plants growing season(s)
7. Light - Light consists of several different wavelengths
8. Harvest - Adapt growing practices to local conditions
9. Plant Anatomy - Understanding plant vegetative organs: root, stem, and the leaf
10. Weather - Climate change can disrupt food availability, reduce access to food, and affect food quality
11. Environmental Controls - Maintaining a controlled environment in your Torpedopot





Central Watering System (CWS-01)

Indoor Growing



“The Central Watering System is great because it improves the overall resale value of your property. “You have certain consumers out there who will look for this in a home.”



Torpedopot is designing and installing small, single-family residential and commercial central Watering Systems. Our systems are pretty easy to install. Torpedopot utilizes home-run installations with central manifolds to balance pressures at the outlets. The installation of is generally easier than rigid pipe. The mechanical fittings are secure and reliable when installed properly. Our systems have lower installation costs. Our water distribution system and are recognized in all major building model codes.

Central Watering Systems aren't just for newly constructed homes. Existing homes can be retrofitted to accommodate a new system with minimal construction needed. We do it with minimal repairs needed. We're not coming in and tearing drywall out and all that kind of stuff. Most of the time, when we walk out of the house, you don't need to do anything but start using your system." Commercial units with a built-in home watering system have high resale values.





Subsidizing food

Challenges

For many of the poor, access to healthy foods is cost prohibitive. Churches for centuries have played an integral part in subsidizing food for their residents. However, access to healthy food is quickly becoming out of reach. Many people who don't have the means to travel for nutritious food are at risk to have significant health problems. When you take into consideration crimes that are committed because access to food is severely limited the situation can quickly spiral out of control. Not having an effective food strategy in place will ultimately cost millions of dollars in lost opportunities. Not only will people spend outside the community for quality foods, but by not having an effective food strategy in place can lead to mismanagement of much-needed resources such as land and water. Mismanagement can create a negative image.



Market Potential is Enormous!

- 👉 Communities have little or no access to healthy food. Millions of Americans live in food deserts..
- 👉 In Neighborhoods with the worst access to fresh food, ten of every 1,000 people die from cancer.
- 👉 26 percent of people said that they couldn't afford to buy food for their families in the last 12 months.
- 👉 Obesity has increased considerably because of lack of access to healthy food.
- 👉 85% of Food deserts in the United States are found in urban areas.
- 👉 Close to 20% of the city's population forsakes buying food in order to pay their bills
- 👉 Most cities have few full-service grocery stores, compared to its thousands of convenience stores
- 👉 Many low-income people are spending their food budget at discount stores or pharmacies



Z1



Peppers



Cannabis



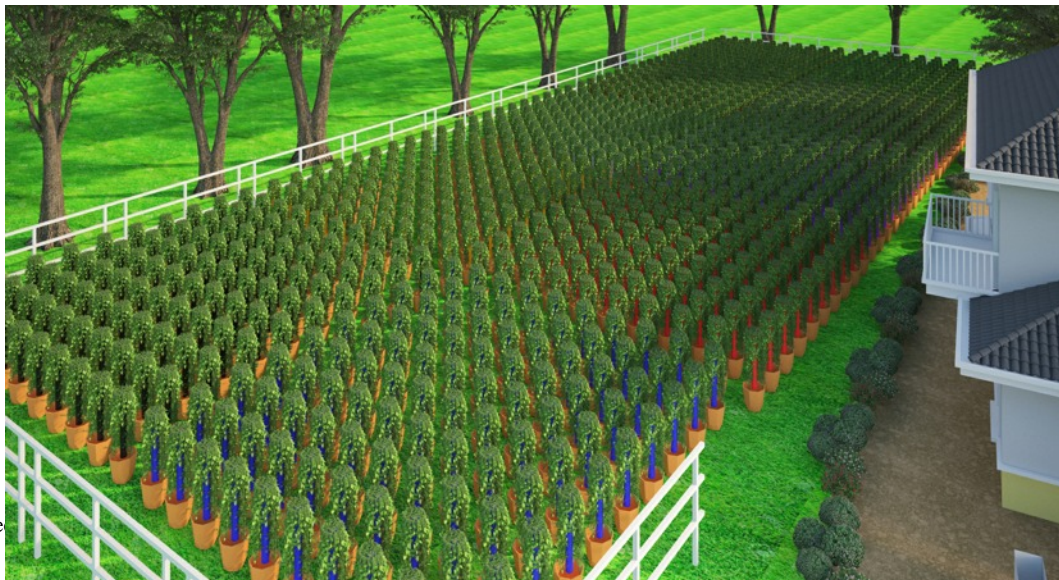
Eggplants

Goal

- Redesign how the church manages its properties
- Eliminating property maintenance cost
- Grow thirty-thousand peppers

Resources

- Outdoor - Light construction, crushed stone, underlay's, pumps, soil area
- Hardware - Tanks, pumping systems. Pressure lines , Architect





72 Administrative Offices

We prefer a geotextile underlayment fabric that backfield with gravel. The Heavy Duty commercial landscape fabric keeps weeds out but allows water to pass through. It is non-biodegradable and resistant to most soil chemicals, acids and alkali with a pH range of 3 to 12. Top coverings may include but no limited to soil, rock, gravel, sand, pavers, mulch, plants, concrete, brick, block, etc. You ca create a natural look on a mid western feel. This is placed external to the perimeter of the building or walkways.

Torpedopot can be easily attached to a spigot. The unit can can safely withstand pressures up to 70 psi. From one spigot you set up as many as 100 planters thus producing more food than your local farm but without the hassles. The Self-growing units can remain outside during the winter.

You can use our Curved Planters to grow in backyards, rooftops, balcony's, window sills, and more. You can isolate your plants. One 20-inch planter grew 40 eggplants in nine months. These planters can quickly grow potatoes, carrots tomatoes, watermelon, beets, cantaloupe, small trees, bushes, cannabis and more.



Goal

- Remove high-maintenance trees and bushes
- Create an edible sustainable environment
- Grow three seasons in the year
- Reduce weeding and usage of herbicides

Outdoor - Configure existing water system, Light construction, crushed stone, underlayment, spigots, soil area, planters , plants, and Seeds.

Banquet Facility



Z2

Grand Entrance with Edible flowers (Nasturtium)

Beautify your church with continual flowers eight to 12 months in the year (depending on your climate). Use your Curved Planters to grow food in backyards, rooftops, balcony's, window sills, and more. Torpedopot™ Curved Planters allows for explosive plant growth on a Horizontal plane. They are designed to deliver the most optimal level of nutrients and water to enable quick and abundant yields that will continue throughout the typical growing season and even after the first frost has hit.

25-inch diameter planter is an absolute powerhouse! It will manage all of your large gardening needs. You can grow bushes and loads of flowers. Good for small to medium size trees. We use them to store trees during the winter. The 25-inch planter allows you to create optimal conditions for massive root systems to enjoy fragrant bushes like lilac.

- Beautify the church and create an edible environment
- Reduce weeding and usage of herbicides
- Eliminate maintenance cost
- Flower eight-months in then year

Outdoor - Use existing water system, Light construction, crushed stone, underlayment, spigots, soil area, planters , plants, and Seeds,



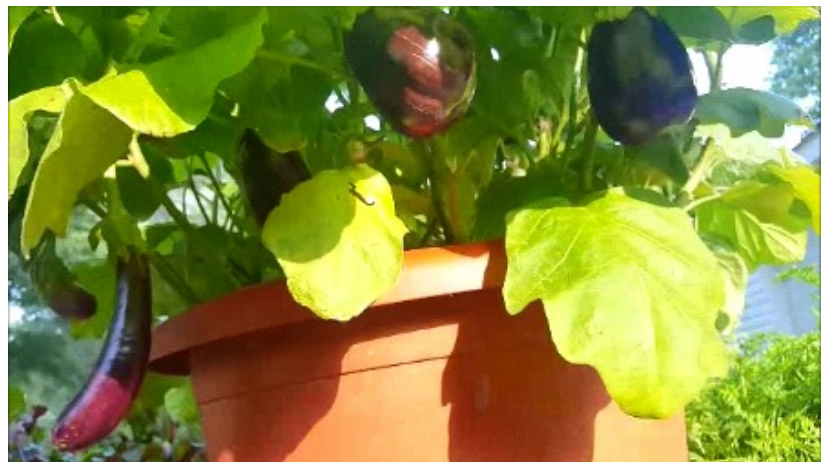


Z4 Living Area

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Z5 Salem Tree Farm

Trees that can be planted with low up-front costs and low maintenance and harvest costs. In most instances, that means native trees, the species that grow naturally in your region. Trees, shrubs & hedges make an elegant statement. Richly-hued favorites and Summer flowering shrubs like the Hydrangea contrast perfectly with tried-and-true Boxwoods, creating easy, effortless layers in your containerized garden. Shrubs & hedges are also perfect for Color, or Blooms, like lilac and beyond. The right trees can bring a substantial income to small tree farmers who have the time and market knowledge to plant, maintain and harvest these trees.



Goal

- Sell Trees
- Professional bushes
- Containerized plants for sale
- Sell soil, plants, seeds, and seedlings



Z6

Hungarian Pepper and Tomato Field

Within a short period, you can create the world's most massive indoor/outdoor vertical garden. The Modular Garden System is used as a foundation for setting up a small food processing facility for processing plants, fruits, and vegetables. The "Stick" comes in various colors (red, green and brown). The colors can be used to identify specific processing activities for regulatory agencies and training purposes. The grids are lightweight, easy to transport, provide exceptional durability, and are stocked in materials that are FDA acceptable.

Depending on the crop, you can plant hundreds of seeds or seedlings into the individual chambers. Torpedos are assembled in 15-inch sections which can be increased to heights that exceed 100 ft for large scale farming operations.

An array of Stick's can feed a small family for a year, or it can be expanded to provide enough food to feed an entire city. The system is fully automated and requires very little human intervention. When it comes to feeding people on a massive scale, the Stick can be assembled much faster than any other food production application. A standard household pressure of 70 psi can simultaneously operate four Modular Gardens.





Z6

Hungarian Pepper and Tomato Field

- Grows more plants than traditional farming or hydroponics combined
- Use the same Torpedopot™ for an array of crops
- Is a mobile farm that can be easily erected and dismantled
- Requires no machinery or tools, and setup is fast
- Allows smooth transition into multiple growing seasons
- Plants grow fuller and reach maturity quicker
- You can grow crops organically
- Germinates seeds and manages plants throughout their full lifecycle
- less than one hour of monitoring per growing season.
- Uses less space, water, fertilizers, fungicides, pesticides, and herbicides
- Weeds are virtually eliminated

- Grow thousands of pounds of food
- Grow three seasons in the year
- Open a growing facility
- Open a farmers Market

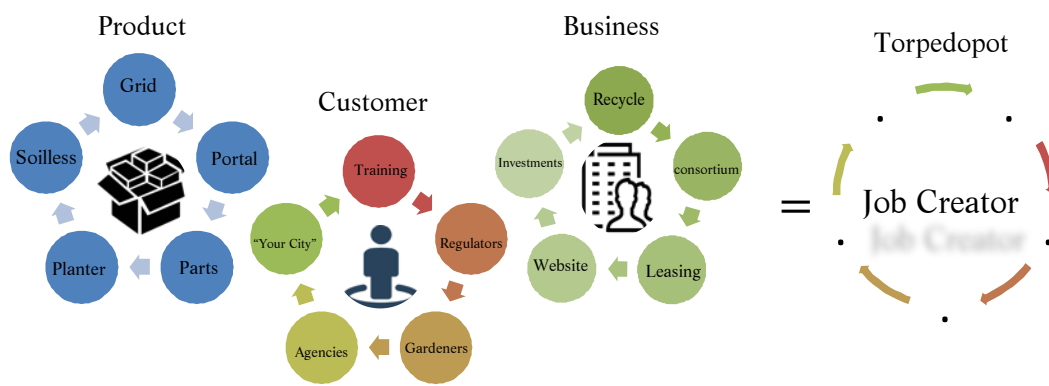
- Outdoor - New watering and feeding system, Light construction, crushed stone, underlayment, spigots, soil area, planters , plants, and Seeds.



Full Employment!

Torpedopot is striving for full employment. Generally, for every traditional job which has been eliminated, technology experts tell us that 2.61 new jobs have been created in its place. The difficulty is that these new jobs are created in a very narrow area of technology and aren't compatible with the jobs which they have replaced. The amazing phenomenon about the Torpedopot is that it's a major Job creator.

Torpedopot will stimulate the economy and cause real economic growth. Growing, processing, and distribution activities will increase the number of jobs to spur economic growth.



With earth's diminishing capacity to grow food because of desertification, wind and water erosion, natural farming resources disappearing due to global warming, populations and urbanization rates skyrocketing, and consumer preferences shifting towards organically grown and locally sourced foods, Small scale agriculture is the developing world's single biggest source of employment, and with the necessary support it can offer a sustainable and productive alternative to the expansion of large- scale, capital- intensive and labor displacing corporate farming. As farmers continue with outdated traditional farming techniques including tilling their land multiple times a year before planting seeds, laser leveling, paying teams of workers to operate expensive machinery and harvest their land, the logistical costs associated with managing thousands of acres becomes exuberant and in many instances generates negative economic profits.

Torpedopot™ dramatically reduces the high level of variable costs associated with traditional farming methods outdoors as well as new-age hydroponic, aquaponic, and aeroponic techniques indoors. Torpedopot™ will revolutionize and enhance the food supply and reduce your carbon footprint.

Disclaimer

This document is not a contract, nor is Torpedopot™ bound by any of the claims made in this document. This document is a roadmap that describes Torpedopot™ intentions for the Salem Church.

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