

BEYOND
Organic
اورجانك والئ

Tower Farms

“Grow our Future”

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BEYOND
Organic
اورگانیک وانثر

**THE
ULTIMATE
TOOL TO A
SUSTAINABLE
FUTURE**

ABOUT US

We as **Beyond Organic** a kuwaiti company aiming to Help make real food available to everyone.

We focus on introducing and supplying **innovative agricultural technologies** to the Kuwaiti market, whether it be for agriculture professionals, or for the mass public.





KUWAIT'S OBSTACLES

One of the biggest problems that Kuwait suffers from in the agricultural field is the fact that it is heavily dependent on imports. This is because the desert-like climate in Kuwait is far too harsh and makes it nearly impossible to grow delicate fruits and vegetables, especially leafy greens, locally.

The biggest issue with being so dependent on imports, is that during tough times such as the COVID-19 pandemic, food security becomes a serious concern, and the lack of it causes widespread panic within the country. In fact, in 2021 alone, Kuwait spent over *326 Million Kuwaiti Dinars on imported fruits and vegetables.

When factoring in the ever so growing human population, depleted water resources, and degraded farm lands, it is crucial that a sustainable solution is reached to achieve food security and self-sustenance.





SELF-SUSTENANCE

The innovative technology of Tower Farms provided by Beyond Organic makes it possible to grow the delicate greens locally, at any time of the year, regardless of the weather conditions, all without any sort of further stress on those depleted resources.

Beyond Organic strives to aid our country in achieving its goal of food security, in-line with Kuwait Government's vision for self-sustenance in 2035. In fact, our project is partially supported by the Kuwait Foundation for The Advancement of Sciences (KFAS) through their Emergency Resilience Program for Food Security, where we have created the very first ever active Pilot Tower Farm in Kuwait in Al-Wafra area.

Tower Farms is a technology that can bring fresh, safe, clean, and sustainable nutrition to everyone's plate, a technology that can pave the way to a new world.

A vertical farm setup featuring several white, cylindrical towers stacked on top of each other. Each tower is densely packed with vibrant green lettuce leaves, growing in a hydroponic or aeroponic system. The towers are arranged in a row, and the background shows a bright, indoor growing environment with other plants and a blue sky visible through a translucent roof. A semi-transparent green overlay with a white border is positioned in the lower right corner, containing the text 'MODERN AGRICULTURAL TECHNOLOGIES'.

**MODERN
AGRICULTURAL
TECHNOLOGIES**



BALANCE

CARBON NEUTRALITY

Our world is going through continues evolution in technology and in production, meaning that our carbon foot print grows larger by the day. Yet, so many still rely on traditional agriculture means, and in return further stressing out our eco-system and earth's resources. Instead, we should push for the use of modern agricultural technologies, such as Tower Farms; just as other technologies are evolving, so are the agricultural technologies.

THE TECHNOLOGY

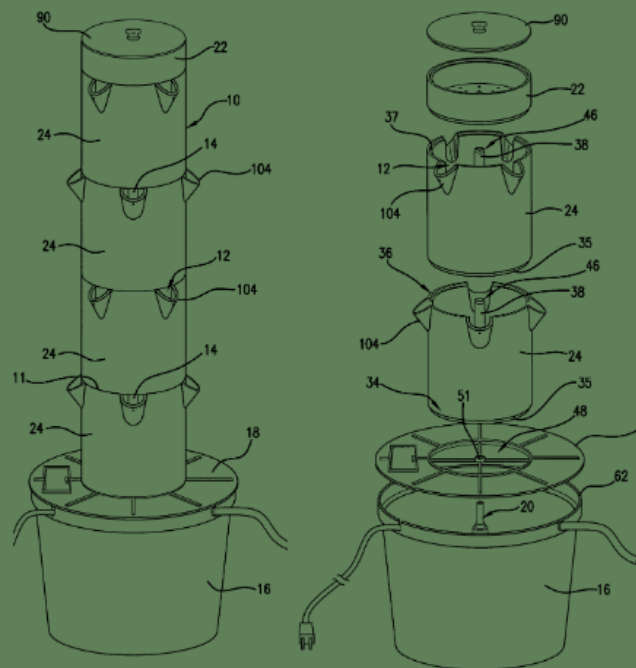


Tower farms are a cutting-edge patented American farming technology originated by tower farm/tower garden USA or that combines two methods of farming:

Vertical Farming is when crops are stacked on top of each other instead of being laid in a horizontal fashion.

“Aeroponics”: a soilless method of farming where the roots of the plants are actually hanging in the air 24/7.

Nutrients come from a specially formulated 100% Natural Mineral Solution called “TowerTonic”, where this single mineral solution can be used for all types of plants.





BEYOND ORGANIC

With this Technology, based on a research done by the USDA, crops carry more Nutrients than their organic siblings harvested through conventional means.

They can grow larger in size, more aromatic, fresher tasting, and have more vibrant colors.

Crops also use zero pesticides & chemicals due to the nature of the system, making them far fresher and more nutrient dense, hence **"Beyond Organic"**.



RESCUING OUR PRECIOUS RESOURCES

Tower Farms utilizes a closed-loop irrigation system, meaning the only water that leaves the system is what is being consumed by the plant.

Together with the Aeroponic farming method, this **saves a staggering 92% of water** compared to traditional soil-farming (based on real world application in Al-Wafra), making it far more economical and sustainable solution.





EFFICIENCY & SPACE

Due to the Density of the towers (up to **196 Plants per tower**) and the fact that they grow vertically; Tower Farms **save up to 80% in space** compared to soil farming, truly maximizing the benefits of any space being used.

In addition, Tower Farms are a fully automated farming system, thus requiring **a lot less labor** when compared to other forms of farming, making it very cost-effective from a labor perspective.



THE SYSTEMS

**Tower Farms PRO
(Professional Series for Commercial Use): Suitable for
larger areas or when a high number of Towers is required.**

The Professional Series has a fully automated central irrigation system that feeds all towers in the system regardless of the quantity, and the towers are modular in size, ranging from **1.4M to 2.9M tall**, with a total max capacity **52/196** plants based on Tower type.

These are ideal for greenhouses, big halls, school agricultural facilities, airports, shopping malls, or any other large open space.





Tower Farms HOME (Residential Series for Standalone Use)

Suitable for when a versatile, movable, all-in-one system is required. The Residential Series Towers are **full all-in-one** standalone towers that have everything built-in. They carry **32 plants**, and come with absolutely everything required to start hassle-free farming on the spot.

These are ideal for offices, restaurants, hotels, houses, flats, schools, receptions desks, ...etc.



VERSATILITY

Whether it is your Office, School, Restaurant, Shopping Mall, Charity, Hotel, Cafeteria, whatever, Tower Farms can be placed wherever you want in a controlled environment, making them the ultimate food & farming machine.





EDUCATION-GROWING YOUNG MINDS

We believe that it is the younger generation who will **lead our world to self-sustenance**, thus, it is crucial we instill in them the **values of self-sustainability** and **environmental awareness**.

This is why we took it a mission to educate the upcoming generations of the new farming technologies by providing **solid educational resources** to schools, ranging from Pre-KG to Grade 7 and above.



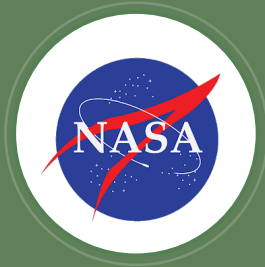
SUPPORTING OUR KUWAIT

In order to support our country in achieving its vision, we have to take the steps in the right direction, and steer our society into the right path. We believe that it is essential for **lead-figures** in our country to take action in this field, **instilling the vision of self-sustenance** in our society in line with Kuwait Vision for 2035.

Whether it be Technology Leaders, Science Firms, Governmental Authorities, Oil Companies, Real Estate Owners, Banks, or any other leading organizations, all of them can put their mark on our society by pushing for sustainable future, and **Beyond Organic** is here to give those leaders the tool to do that and give everyone in our society a Green Thumb.



CUTTING-EDGE



THE TOWER FARMS TECHNOLOGY

Manufactured **By Tower Farm/Tower Garden USA** is used in global technology leaders, as well as numerous other organizations, such as:

- NASA HQ
- Google HQ
- Microsoft HQ
- Chicago O'Hare Airport
- Orange County Convention Center

And many more!



MICROSOFT
COMMONS PLAZA, REDMOND,
WASHINGTON (BY TOWER FARMS USA).



ORANGE COUNTY
CONVENTION CENTER,
ORLANDO, FLORIDA (BY TOWER FARMS USA).



TOWER FARMS

USA GREENHOUSE, PHOENIX, ARIZONA
(BY TOWER FARMS USA).





AGROTONOMY IBIZA FARM

IBIZA, SPAIN

(BY AGROTONOMY CORP.).





**CHICAGO O'HARE
INTERNATIONAL AIRPORT,
CHICAGO, ILLINOIS (BY TOWER FARMS USA).**





أهداف التنمية المستدامة

BEYOND ORGANIC Supports The Sustainable Development Goals



**“Plant
Our
Future”**





+965 2229 9995

beyondorganickw.com

info@beyondorganickw.com

[beyondorganic.kw](https://www.instagram.com/beyondorganic.kw)