

## Ultra-Nutritious Produce

Produce grown from a Babylon Micro-Farm is healthier and has more health benefits compared to USDA standards.



**Heart Health** - Vitamin K, Potassium, and Magnesium are all important vitamins and minerals for a healthy heart. Our Micro-Farm produce is denser in all three compared with USDA standards. Babylon's Vitamin K is 400% more dense than standard, and with zero miles traveled produce retains almost all of nutrients when it reaches your plate.



**Eye Health** - Known as "the eye vitamin," Lutein has been clinically shown to help protect against eye health issues, including age-related macular degeneration (AMD), cataracts, and retinitis pigmentosa. It even protects eyes from oxidative stress and filters blue light. Our leafy Lutein levels are off the charts and higher than that found in Marigolds. Which is Lutein dense.

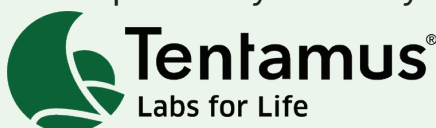


**Bone Health** - We all know calcium is important for bone health. Dairy isn't the only source of calcium. So forget about lactose intolerance because Babylon's leafy greens have 59% higher concentration and are a good source of calcium.



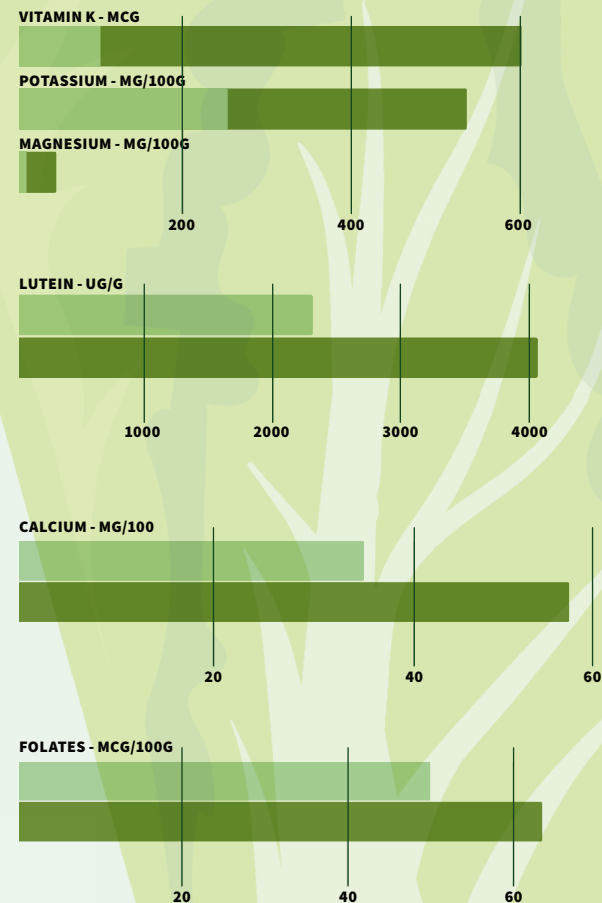
**Neurological & Neonatal Health** - Keep your brain & baby happy with high folates and zero pesticides. Produce grown with overuse of pesticides has been linked to many brain disorders & cancers. Babylon produce use zero pesticide & herbicides. Folate are an important part of healthy aging brains and brain development. Our folate dense produce are a delicious pill-free option to keep yourself sharp.

Independently tested by:



info@babylonmicrofarms.com

USDA  BABYLON MICRO-FARMS 



	USDA*	Babylon Micro-Farms*
Vitamin K	102 ug	500 ug
Lutein	2310 ug	4070 ug
Folate	50 ug	63.5 ug
Potassium	253 mg	284.3 mg
Magnesium	13.7 mg	35.96 mg
Calcium	35 mg	55.62 mg

\*Romaine Tested



## Zero Pesticides

Produce grown in a Babylon Micro-Farm is always pesticide + herbicide free. Safer than store bought.

**In a Micro-Farm, growing is done in a beautiful glass enclosure, on-site, and indoors.** These conditions lead to

zero-pesticide need. Pesticides are used to eliminate pests that like to eat vegetative and flowering plants. Most traditional farmers consider them a necessary tool for crop retention, whether they are organic or synthetic, pesticides can contaminate nearby ecosystems through wind, rain, and runoff. Some pesticides travel miles on the wind, where the chemicals can get into local ponds and damage ecosystems.

Babylon's system for indoor growing eliminates the need for herbicides as well. Herbicides are used to kill off any unwanted plants in traditional farming methods. Like pesticides, herbicides also can travel miles when sprayed, and can kill beneficial plants in the area, in addition to harming the health of farm workers. Produce from a Babylon Micro-Farm is the cleanest and most nutritious food you can eat.



## Contamination Comparison

Produce Source	Plate Count	Coliform	Pesticides Present
Grocery Organic - Field Grown	490000 cfu/g	730 cfu/g	2,6-Dichlorobenzamide
Grocery Non-Organic- Field Grown	120 cfu/g	<100 cfu/g	Propamocarb, Spirotetramatenol
Other Indoor Hydroponic- Pesticide Free	4900 cfu/g	220 cfu/g	No
Babylon Micro-Farm Indoor Hydroponic- Pesticide Free	90 cfu/g	<10 cfu/g	No

## Lettuces

Total Grow Time: 6 Weeks *Including Germination*



## Leafy Greens

Total Grow Time: 6-7 Weeks *Including Germination*



## Herbs

Total Grow Time: 7-11 Weeks *Including Germination*



## Flowers

Total Grow Time: 12-17 Weeks *Including Germination*



## Leafy Greens & Lettuce Mixes

Total Grow Time: 6 Weeks *Including Germination*

### Butter Lettuce Mix

Green Butterhead  
Red Butterhead



### Crunch Mix

Romaine  
Green Butterhead  
Iceberg Lettuce



### Summer Mix

Green Butterhead  
Green Leaf  
Lolla Rosa



### Hearty Mix

Cabbage  
Kale  
Mustard Greens



## Herb Mixes

Total Grow Time: 9-10 Weeks *Including Germination*

### Green & Purple Basil Mix

Genovese Basil  
Opal Basil



### Italian Herb Mix

Oregano  
Thyme  
Sage



### Tangy Basil Mix

Lemon Basil  
Thai Basil  
Holy Basil



## Microgreens

Total Grow Time: 2 Weeks *Including Germination*



Arugula  
Basil  
Broccoli  
Cabbage  
Collard

Kale  
Kohlrabi  
Mustard Greens  
Pea Shoots  
Red Beet

Red Radish  
Wasabi Arugula  
Sharp Mix  
Spicy Mix





## Babylon Micro-Farms is changing the future of farming with its environmentally friendly, remotely-managed, hydroponic indoor farms.

We serve commercial dining operators nationwide, from universities to hospitals to senior living communities, providing them with access to 45+ crops, top-notch training/support, and a mobile app to help them grow fresh, nutritious produce on-site. Located in Richmond, VA, the UL approved farms are produced in the United States in a HACCP certified facility.

*Babylon Micro-Farms are the easiest to use micro-farms in the world.*



### Corporate Dining

Having an edge in business means having excellent benefits and culture. Utilizing the world's easiest to use hydroponic Micro-Farm™ from Babylon means you can hire talented employees and keep them with innovative culinary incentives. Biophilic design has been found to support cognitive function, physical health, and psychological well-being.



### Senior Living + Healthcare

Our senior living and healthcare partners love how Babylon Micro-Farms™ helps them communicate their commitment to a more sustainable future. Residents love the healthy, nutritious produce, as well as the engagement and educational elements.



### Student Dining

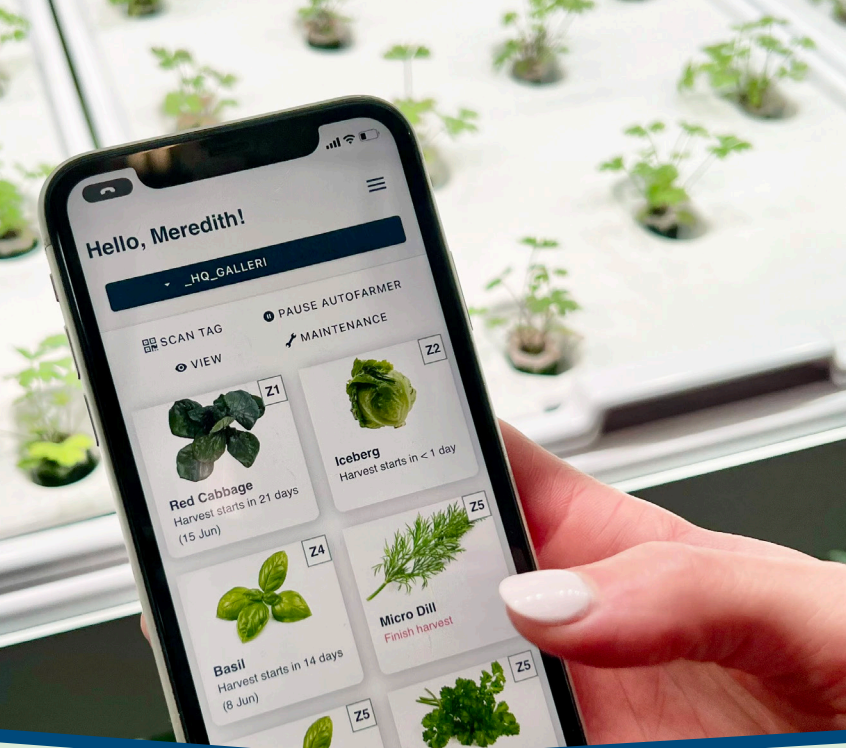
Students are in tune with the benefits of clean, healthy eating. Babylon's all-in-one Micro-Farm™ provides students with an educational, culinary, scientific, sustainable, and pesticide-free experience. Schools choose Babylon to encourage healthy eating and drive engagement, retention, as well as improve enrollment.



### Event Venues + Hospitality

Chefs at the finest resorts and hotels want bold flavors & unparalleled freshness no matter the season. Our flexible growing subscription can adapt to your menu. Culinary masterpieces can be designed with customized produce items based on nutritional or flavor profiles.





## Guided Growing™ App

Provides you all the guidance you need to be a successful indoor Farmer. From germination & crop care to harvesting & support, it has your back every step of the way.

## Automated Growing

Proprietary technology ensures plants receive the optimal amount of light, water and nutrients.

## Remotely Managed and App Alerts

Sensors and cameras continuously relay data about the farm, allowing Babylon to monitor performance and make adjustments from afar. Babylon's Guided Growing app alerts you when crops are ready for transplant or harvest.

## Personalized Support

Dedicated customer experience manager, online Help Center, and how-to videos to ensure you have the help you need, when you need it.

**Babylon's Micro-Farms help create healthier communities & a cleaner planet.**

### Compared To Traditional Methods, Each Farm Uses:



**96%** Less Water



**65%** Less Fertilizer



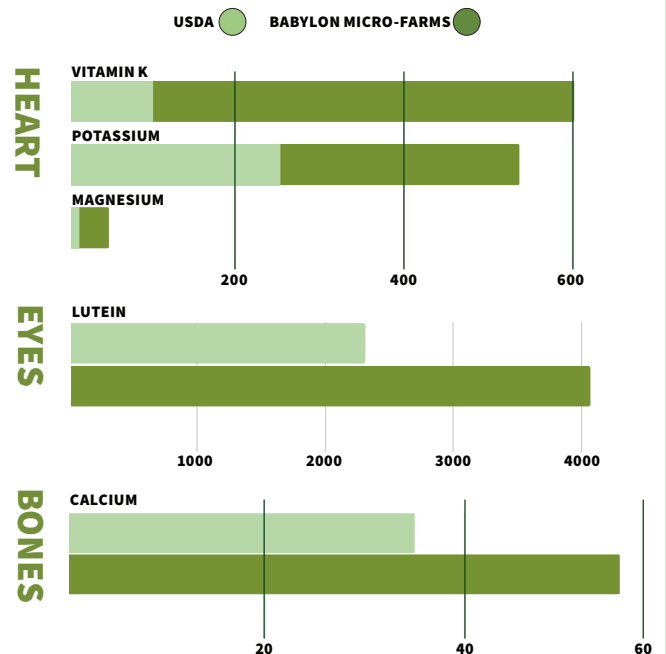
**Zero** Pesticides



**Zero** Miles of Transport

Every Micro-Farm produces up to **4,160** servings of flavorful and nutritious food from 40 varieties of leafy greens, herbs, microgreens, and edible flowers... all year long.

**Babylon's Micro-Farms produce is pesticide-free and ultra-nutritious.**



	USDA (Romaine)	Babylon Micro-Farms
Vitamin K	102 ug	500 ug
Lutein	2310 ug	4070 ug
Folate	50 ug	63.5 ug
Potassium	253 mg	284.3 mg
Magnesium	13.7 mg	35.96 mg
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# Specifications



## Features

### Fully Redesigned

Stunning new design features tinted glass panels, innovative easy-clean tray design, no-waste GrowServe™ system, and an optional built-in water cooling system.

### Automated Growing

Proprietary technology ensures plants receive the optimal amount of light, water and nutrients.

### Remotely Managed

Sensors and cameras continuously relay data about the farm, allowing Babylon to monitor performance and make adjustments from afar.

### Seed Variety

Choose from 40+ varieties of leafy greens, herbs, microgreens and flowers.

### App Alerts

Babylon's Guided Growing app alerts you when crops are ready for transplant or harvest.

### Personalized Support

Dedicated account manager, online help center, and how-to videos to ensure you have the help you need, when you need it.



### Unit Dimensions\*

67" w x 29.75" d x 79.75" h  
1.71 m x 0.76 m x 2.03 m

\* At least 4" (10.2cm) clearance for rear, sides and top of farm

### Shipping Dimensions

US: 72" w x 48" d x 87.5" h  
International: 73.5" w x 50" d x 88" h  
1.87 m x 1.27 m x 2.24 m

### Door Outswing

59" outswing (1.5m)

### Weight

600 lbs (272 kg)  
900 lbs *with water* (408.2 kg)  
900 lbs fully crated (408.2 kg)

### Power Consumption

13 kwh/day

### Weekly Harvests

Leafy Greens  
3-6 lbs per zone/level (1.3-2.7 kg)

Herbs  
1.5-4 lbs per zone/level (0.7 kg)

Microgreens  
6-10 oz per tray (170-283g)

# Site Requirements

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## Location

- Ceiling height >84"
- Level, stable flooring at least 6' x 5'
  - No transitions (e.g. wood to carpet)
- The floor must be able to support 900 lbs on four leveling feet
- Sink or drain within 50' of Micro-Farm
  - Note: Micro-Farm **will not** be directly attached to a sink or drain. Instead, every 8 weeks, operators will attach a hose to the reservoir and drain it into a nearby sink or drain
- At least 4" of clearance on rear, top and sides of farm
- At least 3' away from any sun-facing windows (recommended)
- Food-safe pest control measures in place

## Water Line

- 1/4" (OD) flexible cold water line run directly behind farm location
- Dedicated line, independent from other equipment
- Farm cannot sit on top of the water line
- Minimum flow rate 30 gph
- Minimum pressure 40 psi

## Water Quality

- Water must be potable
- Chlorine level not to exceed 2ppm
- Water hardness not to exceed 200 ppm

*The majority of our clients meet these requirements, however if you are on well water, use a softener, etc., you may need to install a water filtration system. We can recommend one.*

## Electric

- 120v outlet on a dedicated 15-amp circuit
- Outlet within 10 feet of farm location
- Two Micro-Farms may share the same dedicated 20-amp circuit

## HVAC

- Ambient room temperature of 67° -76°F (19.4°-24.4°C)
- Relative humidity of 30%-60%

## Connectivity

The Micro-Farm has an integrated cellular modem.

- Verizon LTE signal strength at farm location must be >-95dB
- Note: All cellular communications are isolated to the cellular modem and monitored by Babylon.

If cellular connectivity is uneven or poor, customers may hardwire the farm.

- Furnish a standard ethernet cable (Cat5 or better cable w/ RJ45 connector)
- Connection to the farm is at the back of the unit near the power cord
- Please contact us if you have a complex network setup, stringent firewalls, or are unsure.





# Private Labeling

## Make Our Farm ***YOUR Farm***

**Our fully customizable labeling solution means it is possible to brand your farm, as well as:**

- Change with seasons
- Match interior design aesthetics
- Create holiday themes
- Update as look as branding changes



# Private Labeling: Logo Panel Examples

**Reverse Printing on  
Metal background**



**Positive Printing on  
Metal background**

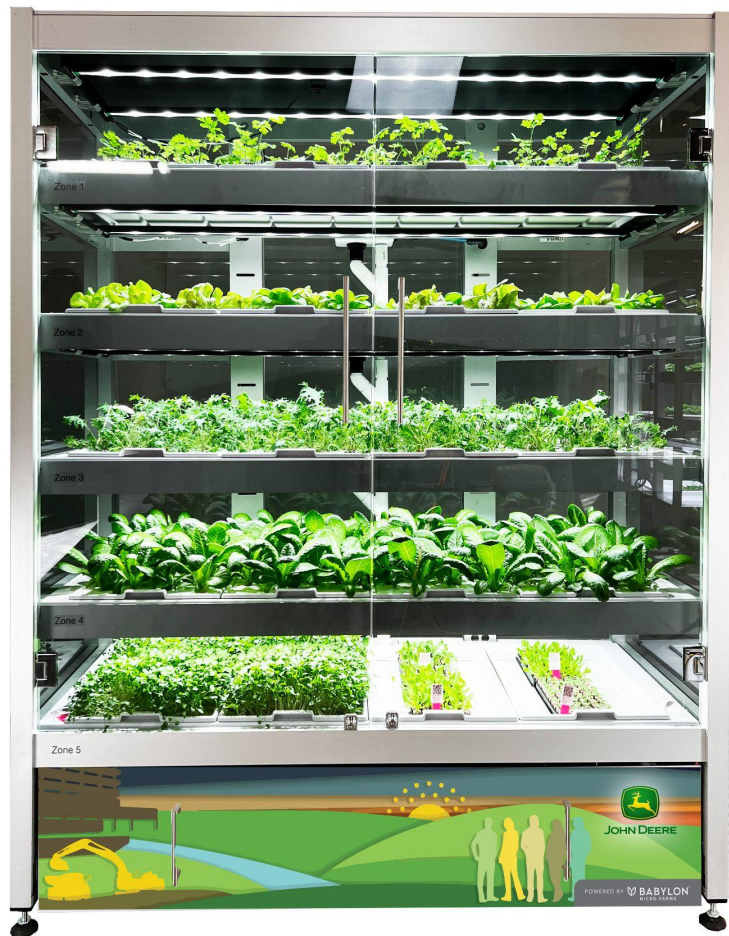




# Private Labeling: Story-Telling Panel Examples



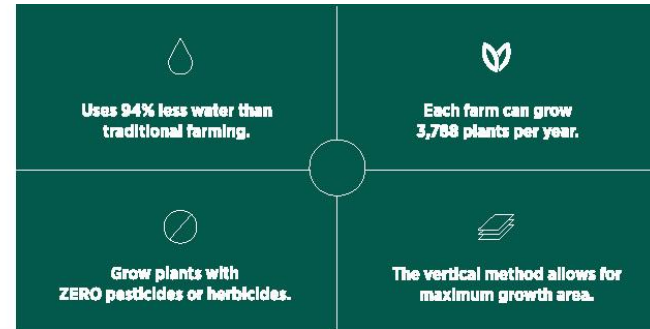






FRESH CULINARY CREATIONS

   @UofSCDining [www.sc.edu/dining](http://www.sc.edu/dining)



*Note: this does not show handle placement Which went through logo In final design*

POWERED BY  **BABYLON** | [babylonmicrofarms.com](http://babylonmicrofarms.com)



# Private Labeling: Wrap Around Panel Examples

**BABYLON®**  
Harvest Anywhere.

## Big Impact. Big Taste.

**Small Farm.**  
Babylon's cloud-managed hydroponic micro-farms help create healthier communities and a cleaner planet.

*Compared To Traditional Methods,  
Each Farm Uses:*

 <b>96%</b> Less Water	 <b>Zero</b> Pesticides
 <b>65%</b> Less Fertilizer	 <b>Zero</b> Miles of Transport

Every micro-farm produces up to **4,160** servings of flavorful and nutritious food from 40 varieties of leafy greens, herbs, microgreens, and edible flowers all year long.

[babylonmicrofarms.com](https://babylonmicrofarms.com)





# Private Labeling Your Galleri Micro-Farm

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**Your Micro-Farm's bottom panel is available for full-color customization! Our marketing and design team will work with you to craft a panel design that fits your needs. The Galleri panels are stainless steel with two handles and locks. These are important to be aware of when coming up with the design. All designs incorporate a "Powered by Babylon Micro-Farms" in the bottom right corner.**

**You can choose from 2 options to suit your design needs.**

**Option 1 - Direct Print:**

We can directly print onto the metal panel. Direct Printing allows for a clean aesthetic and allows the metal to shine through. This method is excellent for logos, large text, and most designs. A full bleed (edge to edge design) is possible. We can also use this to create reversals for metallic images. *The only drawback is that this method cannot produce the color white.*

**Option 2 - Vinyl Wrapping / Vinyl Application:**

With vinyl wrapping, the sky's the limit with design choices ranging from photorealistic depictions to logos heavy with white ink. This option can be full bleed or not.

**Preferred File Types:**

**Logos:**

Vector formats - Illustrator .AI, .EPS or

.PNG files - High Resolution (300dpi)

CMYK is preferred for accurate color

*Please convert all fonts to outlines*

**Photography:**

High resolution (300dpi or higher)

CMYK preferred for accurate color

**Contact Us To Get Started**

[marketing@babylonmicrofarms.com](mailto:marketing@babylonmicrofarms.com)

*Templates and Examples of custom panels are available upon request*

