

# GROW FOOD ANYWHERE

The **Leafy Green Machine** is a complete hydroponic growing system built entirely inside a shipping container with all the components needed for commercial food production. The system is designed and engineered for easy operation, allowing users of all backgrounds to immediately start growing.



## The Highest Standard in Controlled Environment Agriculture

- **Pre-built system** designed to maximize operational efficiency and streamline workflow
- **Perfect environment** is achievable 365 days a year, regardless of geographic location
- **Automated scheduling** reduces the amount of labor required to operate
- **Remote monitoring & control capabilities** through the Farmhand App™

## Operation Requirements

**Space**- The LGM dimensions are 40' x 8' x 9.5'. We suggest putting the farm on either trap rock or a concrete pad.

**Electrical**- 60 amp, 120/240-volt single phase or 120/208V three phase connection.

**Water**- A designated water source is suggested such as a garden hose or hardline water plumbing.

**Labor**- 15 to 20 hours a week for farming and upkeep.

## Crop Examples

We recommend growing smaller compact crops with a high turnover rate, like head and loose leaf lettuces, herbs and heartier greens like kale and swiss chard.

Butterhead lettuce	Arugula	Kale
Oakleaf lettuce	Cilantro	Endive
Swiss Chard	Mint	Basil
Mustard Greens	Dill	Chives
Cabbage Leaves	Oregano	Thyme

*\*Other crops such as strawberries, tomatoes, and peppers will grow in the LGM but may not provide optimal annual yields.*



## Yields

**1000+** heads of lettuce weekly

**48,568** marketable heads of lettuce/per year

**17** heads per tower (256 vertical towers)

**1** LGM= 1.8 acres

**18** heads of lettuce per square foot

*\*we chose to focus on one crop for this exercise, lettuce, for consistency and because we have the most data on this crop. Yields may vary.*