

LGM™ ON CAMPUS SITE OVERVIEW



Choose a Site

Size

The 2017 Leafy Green Machine™ is 8 ft. wide by 40 ft. long by 9.5 ft. high. We recommend an overall site footprint of 50 ft. x 10 ft. for safe ingress / egress.

Surface

Select level ground with a maximum 3% grade. Most freight farmers select pavement, but trap rock, railroad ties, sonotubes, or a concrete pad are also adequate.

Utilities

A water source should be within 50 ft. of the farm, and an electrical source should be nearby for easier installation.



Lay the Groundwork

Electrical Requirements

A licensed electrician should install or hardwire a 60-amp, 120/240V single phase or 120/208V three phase electrical connection.

Water Supply

In lieu of a simple hose, you may hire a licensed plumber to hard-plumb the water supply. We recommend insulated pipes for regions that experience freezing temperatures.

Water Quality Check

If using municipal water, acquire annual reports to ensure your water meets GAP food safety standards. Well or surface water should be tested by a certified lab.



Install the LGM™

Delivery

The Freight Farms logistics team can handle all details related to delivery, including crane and crew if necessary.

Pitch and Level

The pitch of the LGM should be 2 in. higher at the front for proper drainage. Pressure treated wood, a 2-axis laser level, and a pair of 5-ton toe jacks will be required to pitch and level the farm.

Backflow Preventor

A licensed plumber should install a backflow preventer between the LGM's external spigot and the water line if hard-plumbed. This prevents nutrient-rich water from mixing with the potable water supply.



Start farming!



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