

Delivery and Placement Guide

The Greenery™ is compact and mobile. It needs only a few simple site requirements to make it operational, meaning it can be placed in a variety of urban, commercial, or residential locations.



Site Requirements

Here's everything you need to know before your Greenery is delivered.



Site

The Greenery dimensions are 40' x 8' x 9.5' and it weighs 8 tons. Allow for 1' of space around the perimeter, with a minimum of 5' at the front to access the man door, and 5' at the back to access the electrical panel and HVAC unit. Farms must be placed on level ground with a maximum grade of 3%. We suggest placing the farm on trap rock, railroad ties, sonotubes, or a 50'x10' concrete pad.

TIP Farms can be placed in alleyways, parking lots, and other under-utilized spaces



Electricity

The Greenery requires a 60Hz 100 Amp, 120V AC Split-phase (Two-phases 120V each, 240V AC Phase to Phase Voltage) or 208V 3-phase is also acceptable. If you choose to hardwire, we recommend hiring a licensed electrician for installation at the time of delivery.



Water

Water access should be within 50' of the Greenery in order to fill the water tanks inside. A designated water source is suggested, but it can be achieved with a common garden hose feed as well. For sites that experience subfreezing temperatures (below 32°F), the water line should be insulated to prevent disruption to water access.

Site Checklist & Guidelines

Please note that these are guidelines. If you have a site that doesn't meet every spec it may still work, but please consult Freight Farms. We've seen quite a range of locations for farm placement.

BEFORE FARM DELIVERY

- ___ The dimensions of the farm are 40' x 8' x 9'5".
- ___ Select level ground with a max 3% grade.
- ___ We recommend placing the farm in a 50' x 10' area (or larger) to allow for space to connect to electricity and water.
- ___ Most farmers select a parking lot or other paved area. We have had a small percentage of farmers excavate a 50' x 10' area to lay either trap rock or concrete. **Let us know if you plan to deploy your farm on trap rock or plan to excavate for a concrete pad.**
- ___ You will need at least 10 pieces of pressure treated wood or hardwood (Poplar) in order to pitch and level your farm. You can find this wood at any local lumber yard or hardware box store. **We recommend each piece being 10" x 10" x 2".** The quantity to use will vary depending on the slope of the ground under the farm.
- ___ Determine the closest electrical source and site voltage 120V AC Split-phase (Two-phases 120V each, 240V AC Phase to Phase Voltage) or 208V 3-phase 60Hz 100 Amp.
- ___ The water source should be within 50' of the farm. Water can be supplied to the farm through either a hard or a soft plumbed line. Farms located in climates that get colder than 32°F need to insulate or heat the water feed to prevent freezing.
- ___ Be sure to send a sample of the water that you will be using in your Greenery™ to a lab for testing. You want to make sure your water is free of any bacteria, pathogens, or other harmful elements.

AFTER FARM DELIVERY

- ___ "Based on your electrical source and site voltage, have a licensed electrician hardwire or create a plug for a 60Hz 100 Amp, 120V AC Split-phase (Two-phases 120V each, 240V AC Phase to Phase Voltage) or 208V 3-phase electrical feed.
- ___ Install a backflow preventer between the external spigot on the farm and the hard/soft plumbed line to prevent nutrient water from mixing with the potable water supply. Please consult your local plumber to understand your state's requirements.
- ___ The pitch of the farm should be 2" higher at the front (closer to the main door) than at the rear (double door end) You will need a two axis laser level as well as two 5-ton toe jacks to level the farm. Purchase the laser level for future pitch adjustments, but rent the toe jacks for deployment day from a tool rental service in your area.

Shipping and Delivery Basics

The Freight Farms logistics team is knowledgeable and experienced. While you're welcome to organize your own farm delivery logistics, our team is here to help!

Do you want to work with us?



IF NO

You will need to:

STEP 1

Hire a Freight Forwarder to transport the farm on a step deck or tilt bed trailer

STEP 2

Hire a crane operator or rigging crew

STEP 3

Coordinate pickup, delivery, placement, and launch dates with Client Services



IF YES

The Freight Farms logistics team will handle all the details.



Here's what you need to know

1

DELIVERY

Shipping the farm from Massachusetts to your farm site on a trailer

Estimate your delivery cost by determining the total miles between your site and Mansfield, MA. Then multiply the mileage by \$4.50, which is the avg. cost per mile.

We've delivered farms in North America, Europe, Carribean and Pacific islands, the Middle East, and Asia. Contact your Client Services team at support@freightfarms.com with questions about your specific project.

2

PLACEMENT

Removing the farm from the trailer and placing it at your site

We've seen farms placed in parking lots, open fields, indoors, on railroad ties, on roofs, and on top of one another.

In general, the less obstruction you have at/on the site, the cheaper the placement costs. A wide open paved site should always be less expensive than a site with tree branches, power lines, or proximity to buildings.

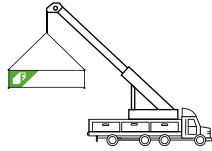


Hammock Greens in Ft Lauderdale, Florida

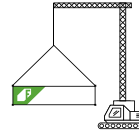
Understand Your Estimated Costs

After submitting your [Delivery Checklist](#), our logistics team can help you determine the best placement method depending on your site.

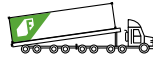
Your most common placement options



Average rotator crane cost:
\$500-1,000



Average full size crane + rigging crew cost:
\$1,000-3,000



Average landoll cost:
\$500-1,000



Average 15-ton forklift cost:
\$1,000-3,000



HerbanLeaf Farms in Pareklisla, Cyprus

Sample Greenery™ Delivery

From Massachusetts (02048) to Metro-Chicago Illinois (60607)

$$\sim \$4450.00 \quad + \quad \$750 \quad = \quad \$5,200$$

Total miles from 02048 to 60607
989 miles x \$4.50

Standard site/
Rotator Crane Fee

Total shipping and
placement quote



Remember, this is only an estimate.

Depending on time of year and location of the farm, the delivery and placement cost may fluctuate.

While the average is \$4.50, we've seen delivery costs range from \$2.60 per mile to \$10.65 per mile.



Bright Greens Canada in Saanich, British Columbia