



Installation Guide

Setup Recommendations:

When you receive your Grow Pots:

1. Fill with a good potting soil or a hydroponics medium. There are many very good potting soils available, so read the labels and consult with local nurseries, or your county extension agent for their recommendations. Each Grow Pot will hold approximately $\frac{3}{4}$ cubic ft. of growing medium. If using a percolation irrigation system with potting soil, add additional perlite to the upper Grow Pots for sufficient drainage.
2. Set each Grow Pot into the slots provided on top of the succeeding unit to achieve the desired height and set the Grow Pot tower securely into place.
3. Another option is to cut a 4 inch PVC or drain pipe into lengths of about 12 to 16 inches to fit over the center cone. This elevates each pot for rotating the Grow Pots in the towers 360 degrees for maximum sun or easy harvesting and also provides for higher canopy plants. With this option, a pipe or post will need to be inserted through the center cone to stabilize the tower.

Stabilizer Recommendation:

To add to the stability of the tower(s) if stacked over 4 pots high, or in high wind conditions, you may wish to install a pipe or a post, (from $\frac{1}{2}$ inch to 1 inch in diameter) through the center of each tower. A 1-3/8 inch diameter hole, (inside measurement) is provided in the center of each of the pots. Insert the pipe or post best suited for your conditions. Metal posts such as a T-post work well. Drive the T-post 12 inches into the soil and slide each Grow Pot over the support post, simply setting each Grow Pot into the slots provided on the top of the succeeding unit. Another suggestion would be to use a PVC pipe as a stabilizer through the center of the tower.

Commercial Vineyard Type Applications:

For commercial growers, vineyard style applications work great with the towers. Some commercial growers, bury a galvanized pipe or a piece of rebar that extends through the upper pot which will fit inside a one inch, or a 3/4 inch schedule 40 PVC pipe, or a piece of conduit pipe. The PVC pipe is then slid over the rebar, conduit, or galvanized pipe. This will allow for a PVC-T connector to be inserted in the top of the tower for an irrigation lateral that runs from tower to tower, for multiple tower installations. To increase stability, a vineyard wire can be run over the top from post to post, and then the irrigation laterals are simply run over the top of the towers and connect to the vineyard wire. 1/4 inch distribution tubing is then plugged into the lateral irrigation line above the towers and connected to a sprinkler or a circle of drip tubing, adding more circles, as needed.

Growing Mediums:

Each Grow Pot Unit holds approximately 3/4 cubic ft. of growing medium. There are a variety of mediums to choose from depending on the crop that you intend to grow. For hydroponics, as a rule of thumb, 70% to 80% of perlite and 20% to 30% of peat moss or core is used. Some prefer a 50/50 mix. See your Hydroponics dealer for more information.

Your local garden stores offer a variety of potting mixes and growing mediums including organic mixes that contain enough fertilizer to last up to 90 days. For special local needs, consult your local nursery, garden store or County Agriculture Extension Agent for specialized growing information.



Patio Suggestions:

Our Grow Pots work well on concrete, wood decks, even carpet. Just set the pots on a drip pan to keep irrigation water contained. A properly irrigated grow tower should have very little, if any, water drip through to the drip pan, dependent, of course, on the soil medium utilized.

Irrigation Suggestions:

Using the pop-in insert (included with each order) as a base, connect a 360 degree barbed sprinkler or a spike sprinkler to a 1/4 inch distribution hose and plug it into your lawn or garden irrigation lateral. This will water your tower when your irrigation timer comes on. Another suggestion is to simply use our "watering kit" which includes a garden hose adapter, 8 ft. of 1/4 inch water line, on/off valve and a 6 inch spike sprinkler or 4-way bubbler.

Pest Control Tip:

Apply a strip of Petroleum Jelly or Vaseline at the base of the tower stand and support post, to keep the small spiders and ants from getting into the Grow Pots.



Strawberry Tip:

When planting strawberries make sure that you keep the crown above the potting soil, this will allow your crowns to expand or split to make more or larger berries. Do not over fertilize or you will burn the plants and be careful not to over water. With strawberries, it is best to plant one plant per port, except on the top Grow Pot, where two plants can be planted per port.

Feel free to contact us for any installation questions.

Grow Up, Not Out™

