



GROW POTS™

EASY TO GROW SYSTEMS

INSTALLATION GUIDE

Setup Recommendations

When you receive your Grow Pots:

1. **Fill with Soil**

Use a quality potting soil or hydroponic medium. Many excellent potting soils are available—read labels and consult local nurseries for recommendations.

- Each Grow Pot holds approximately $\frac{3}{4}$ cubic foot of growing medium.
- If using a percolation irrigation system with potting soil, add additional perlite to the upper Grow Pots to ensure proper drainage.

2. **Stack & Assemble**

Set each Grow Pot into the slots provided on top of the succeeding unit to achieve the desired height. Ensure the Grow Pot tower is secure and level.

3. **Optional – Add PVC Pipe to Elevate & Rotate**

Another option is to cut a 4-inch PVC or drain pipe into lengths of 12–16 inches and fit them over the center cone. This allows:

- 360-degree rotation for maximum sun exposure
- Easier harvesting
- Accommodation of taller canopy plants

When using this option, insert a pipe or post through the center cone to stabilize the tower.

Stabilizer Recommendation

For towers stacked over four pots high or in high-wind conditions, additional stabilization is recommended.

- Insert a ½-inch to 1-inch diameter pipe or post through the center of the tower.
 - Each Grow Pot includes a 1⅜-inch inside-diameter center hole to accommodate the stabilizer.
 - Metal posts such as T-posts work well:
 - Drive the T-post 12 inches into the soil
 - Slide each Grow Pot over the post, stacking them into the slots provided
 - PVC pipe may also be used as a center stabilizer, depending on site conditions.
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Commercial / Vineyard-style Applications

For commercial growers, vineyard-style installations work exceptionally well with Grow Pot towers.

- Bury a galvanized pipe, conduit, or rebar in the ground so it extends through the upper pot.
- Slide a ¾-inch or 1-inch Schedule 40 PVC pipe over the buried support.
- This setup allows a PVC T-connector to be installed at the top of the tower for irrigation laterals running from tower to tower.

Additional stabilization options:

- Run a vineyard wire over the tops of the towers from post to post.
- Lay irrigation laterals over the wire and connect them securely.
- Plug ¼-inch distribution tubing into the lateral line above each tower and connect it to:
 - A sprinkler, or
 - Circular drip tubing (add additional circles as needed)

Growing Mediums

- Each Grow Pot unit holds approximately $\frac{3}{4}$ cubic foot of growing medium.
- Medium selection depends on the crop being grown.

Hydroponic guidelines:

- Standard mix: 70–80% perlite and 20–30% peat moss or coco coir
- Some growers prefer a 50/50 mix
- Consult your hydroponics dealer for crop-specific recommendations

Local garden stores also offer:

- Standard and organic potting mixes
- Mixes with built-in fertilizers lasting up to 90 days

For specialized needs, consult your local nursery or County Agriculture Extension Agent.

Patio Suggestions

Grow Pots perform well on:

- Concrete
- Wood decks
- Carpeted surfaces

Always place pots on a drip pan to contain irrigation water.

A properly irrigated grow tower should produce little to no runoff, depending on the growing medium used.

Irrigation Suggestions

- Use the pop-in insert (included with each order) as a base.
 - Connect a 360-degree barbed sprinkler or spike sprinkler to:
 - 1/4-inch distribution tubing
 - Your lawn or garden irrigation lateral
 - The tower will water automatically when your irrigation timer activates.
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Pest Control Tip

Apply a strip of petroleum jelly (Vaseline) around the base of the tower stand and support post to prevent ants and small spiders from accessing the Grow Pots.

Strawberry Tip

When planting strawberries, be sure to keep the crown above the potting soil. This allows the crown to expand or split, producing more and larger berries.

- Avoid over-fertilizing, as this can burn the plants.
- Be careful not to overwater.
- For best results, plant one strawberry plant per port, except on the top Grow Pot, where two plants per port may be planted.