

## Modern Sprout GP-1002

# Modern Sprout Mason Garden Jar Hydroponic Growing System Manual

Model: GP-1002

## INTRODUCTION

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The Modern Sprout Mason Garden Jar is a self-watering hydroponic growing system designed for cultivating fresh herbs indoors. This kit provides a simple and clean method to grow plants without soil, making it suitable for various indoor environments such as countertops, desks, and windowsills. This manual provides detailed instructions for setting up, operating, and maintaining your hydroponic garden.

## WHAT'S INCLUDED

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Your Modern Sprout Mason Garden Jar kit includes the following components:

- 1 Mason Jar with removable sleeve (approximately 6 inches high by 3.5 inches wide)
- Organic non-GMO Basil seeds
- Organic non-GMO Lavender seeds
- Organic non-GMO Sunflower seeds
- 1 Net Pot (made in the USA)
- Lava Rock Grow Medium (domestically sourced)
- Plant Food packet
- Coaster
- Detailed Instructions (this manual)



Image: All components included in the Modern Sprout Mason Garden Jar kit, laid out for inspection.

## SETUP INSTRUCTIONS

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Follow these steps to set up your Modern Sprout Mason Garden Jar:

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Insert Net Pot:** Place the white net pot into the opening of the mason jar. Ensure it sits securely.
3. **Add Grow Medium:** Pour the lava rock grow medium into the net pot, filling it to the brim.
4. **Plant Seeds:** Gently place the desired organic seeds (Basil, Lavender, or Sunflower) onto the surface of the grow medium. Refer to the seed packet for specific planting depth if indicated, though typically they are surface-sown or lightly covered.
5. **Add Water:** Fill the mason jar with water up to the designated 'FILL LINE' indicated on the jar. The bottom of the net pot should be submerged in the water.
6. **Add Plant Food:** Mix the provided plant food packet into the water in the jar according to the instructions on the plant food packet. This provides essential nutrients for your plant's growth.
7. **Position the Jar:** Place the assembled jar in a location that receives ample sunlight. A windowsill or a well-lit desk is ideal.



Image: The net pot filled with lava rock grow medium, ready for seeds.

## OPERATING INSTRUCTIONS

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Once set up, your Modern Sprout Mason Garden Jar requires minimal ongoing care:

- **Watering:** The hydroponic system is self-watering. The plant's roots will draw water and nutrients from the reservoir in the mason jar as needed.
- **Light:** Ensure your plant receives consistent light. Most herbs thrive with at least 6 hours of direct sunlight per day. If natural light is insufficient, consider using a grow light.
- **Germination:** Seeds typically begin to sprout within 5-10 days after planting.
- **Growth:** Your herbs will continue to grow, with harvesting usually possible within 2-3 months.
- **Harvesting:** Harvest leaves as needed by pinching or cutting them from the plant. Regular harvesting encourages bushier growth.



Image: A healthy basil plant thriving in a Modern Sprout Mason Garden Jar.



Image: A sunflower plant in bloom within a Modern Sprout Mason Garden Jar.

## MAINTENANCE

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Proper maintenance ensures continuous growth and longevity of your hydroponic system:

- **Refilling Water:** Periodically check the water level in the mason jar. When the water level drops significantly, refill it to the 'FILL LINE' with fresh water.
- **Nutrient Replenishment:** As your plant grows, it will consume nutrients. Follow the plant food instructions for when and how to add more nutrients to the water reservoir.
- **Cleaning:** The mason jar and net pot are designed for reuse. After a growing cycle, or if you wish to plant a new variety, thoroughly clean the jar and net pot with warm, soapy water to remove any residue.
- **Replanting:** To replant, remove the old plant and grow medium. Clean the net pot and jar, then follow the 'Setup Instructions' with new seeds and grow medium.



Image: Lavender and Sunflower plants growing in their respective Modern Sprout Mason Garden Jars.

## TROUBLESHOOTING

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If you encounter any issues with your hydroponic garden, consider the following:

- **No Germination:** Ensure the seeds are fresh and planted correctly. Verify that the jar is in a warm, sunny location. Some seeds may take longer to sprout than others.
- **Slow or Stunted Growth:** Check if the plant is receiving enough light. Ensure the water level is maintained and plant food is added as directed. Over-fertilization can also harm plants, so follow instructions carefully.
- **Algae Growth in Water:** Algae can sometimes grow in the water reservoir, especially if exposed to too much light. This is generally harmless but can compete for nutrients. You can clean the jar and replace the water and nutrients if algae becomes excessive. The removable sleeve helps to minimize light exposure to the water.
- **Wilting Leaves:** This can indicate either too little or too much water. In a self-watering system, ensure the reservoir is not empty. If the reservoir is full, check for root rot (roots appearing brown and mushy), which can occur if the grow medium is constantly waterlogged without sufficient aeration.

## SPECIFICATIONS

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<b>Brand</b>	Modern Sprout
<b>Model Number</b>	GP-1002
<b>UPC</b>	857511006034
<b>Color/Set Name</b>	Basil + Lavender + Sunflower
<b>Special Feature</b>	Self Watering, Hydroponic
<b>Planter Form</b>	Plant Pot
<b>Shape</b>	Cylindrical
<b>Indoor/Outdoor Usage</b>	Indoor
<b>Number of Pieces (Kit)</b>	1
<b>Jar Dimensions</b>	6" H x 3.5" W
<b>Product Dimensions (Packaging)</b>	2 x 9.5 x 9 inches
<b>Item Weight</b>	3.21 pounds

## WARRANTY AND SUPPORT

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Modern Sprout offers a **Thrive Promise**, indicating their commitment to your plant's success. If your plant does not flourish, please contact Modern Sprout customer service for assistance. For further support, troubleshooting, or inquiries regarding your product, please visit the official Modern Sprout website or contact their customer service department directly. Specific warranty details may be available on the product packaging or the manufacturer's website.