



TOWER
GARDEN
BY JUICE PLUS+

HOME

GROWING GUIDE

STARTING YOUR SEEDS

1 **SOAK** starter cubes in fresh water for 30 minutes



2 **RETURN** soaked cubes to germination tray, then place seeds into cube openings and lightly cover them with vermiculite:

Small seeds (e.g. lettuce):
6-10 seeds

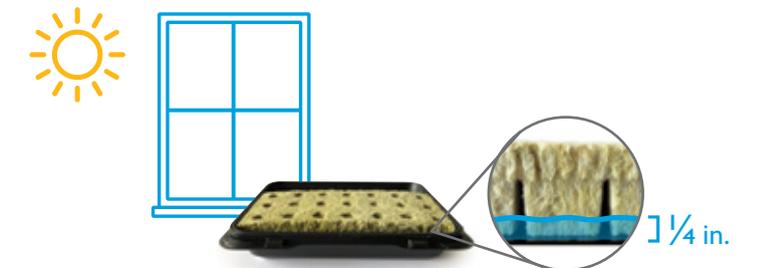
Large seeds (e.g., chard):
4-6 seeds



3 **SPRINKLE** each hole with water, and add about 1/4 inch water to bottom of tray. Do not close lid.



4 **PLACE** tray in a sunny location. Water as needed to keep vermiculite moist and to maintain 1/4 inch in tray.



5 **WATER** as needed until seedlings are fully sprouted and healthy—about 1-3 weeks.

Regular Greens

When your seedlings are about two inches tall and have roots protruding from the bottom of the rockwool cubes, it's time to transplant.

Baby Greens

When seeds have sprouted, it's time to transplant.

 1-3 weeks



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6 A. Regular Greens

TRANSPLANT seedlings to Tower Garden by placing one cube inside each net pot, gently pressing until cube touches the pot base.

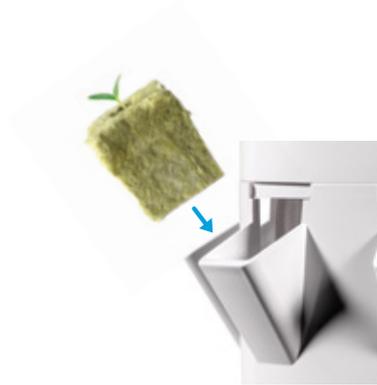
Important: Cube must be touching base to receive proper water and nutrients.



B. Baby Greens

TRANSPLANT baby green seedlings directly into baby greens ports, gently pressing until cube touches the port base.

Important: Cube must be touching base to receive proper water and nutrients.



DID YOU KNOW...?

Tower Garden will also work with pre-sprouted seedlings purchased from a Tower Garden Certified Seedling Provider (www.towergarden.com/seedling-providers)—a great option for plants that take longer to germinate. Visit our Tower Garden YouTube channel for details on planting seedlings.



PLANTING BABY GREENS

Baby greens are harvested when they're very young — hence “babies” — for a more immature leaf. Known for their tenderness and bite-sized stature, baby greens have a lighter flavor and texture than fully-grown plants.

They grow back quickly and can be harvested several times as long as you cut above the growing tip in the center of each plant. After many cuts, some varieties of greens can become bitter or lose their special flavor. If this happens, it's time to replant. On average, most baby greens produce quality plants for approximately 12 weeks.

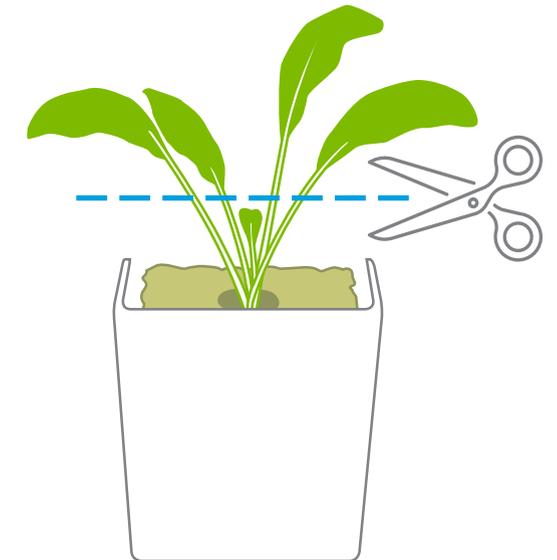
NOTE: Baby greens MUST be harvested regularly to avoid encroaching on nearby plants. If these plants become overgrown, they will elongate, stretch for light and be more prone to pests.

Delicious baby greens we recommend for beginners:

- Kale
- Arugula
- Mild mix
- Spicy mix
- Red-veined Sorrel
- Garnet red Amaranth
- Ruby red orach Amaranth
- Scarlet frills mustard
- Stir fry mix
- Wrinkled crinkled cress
- Salanova lettuce
- Most salad mixes
- Most spicy green mixes

Our baby greens planter is also great for growing cooking herbs, such as:

- Chives
- Green onion
- Parsley
- Cilantro
- Cooking greens
- Stir fry mix

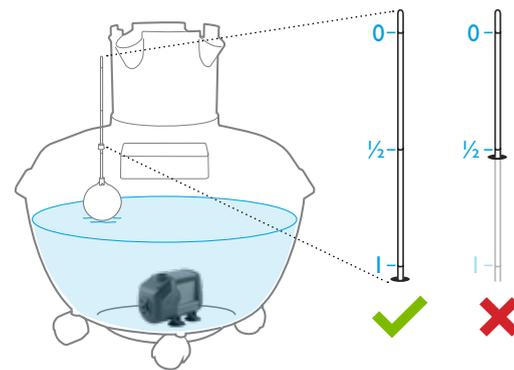


FILLING RESERVOIR AND ADDING NUTRIENTS

- 1 Your Tower Garden will hold approximately 13 gallons when filled to within 3 inches of the top lid. Fill the reservoir with cool water. Do not overfill the reservoir. NEVER use softened water, heavily chlorinated water, or very hard water, as it may damage your plants. *(If you have hardwood floors or carpet, we recommend placing a mat under the reservoir before filling it.)*
- 2 Add the correct amount of Mineral Blend to the reservoir. Follow the instructions listed on the labels.
- 3 Use a spoon or other utensil to stir in the nutrients thoroughly. Do not use your hands, as the solution may be slightly acidic or alkaline and can irritate the skin.
- 4 Use the pH tester kit to test the pH of the solution in the nutrient reservoir. The optimal pH is 5.5 to 6.5. If an adjustment is necessary, add one teaspoon / 5 mL of the pH buffering solution (included) to either raise (pH+Base) or lower (pH-Acid) the pH. Follow all safety instructions on the pH bottles. Avoid contact with the skin. Repeat this process until you reach the desired pH level.
- 5 Plug in the pump. Check that water is flowing out of the top of the Tower Garden before putting the lid on the shower cap.
- 6 Your pump comes with an adjustable flow rate dial. Turn the dial counter-clockwise to ensure the pump is open.
- 7 A timer is included with your Tower Garden which functions best if the watering is on a cycle, rather than a continuous flow. For indoor growing, we recommend setting the timer for 5 minutes on and 45 minutes off. Follow the instructions found on the back of the timer.
- 8 Place the access port lid on the reservoir lid.

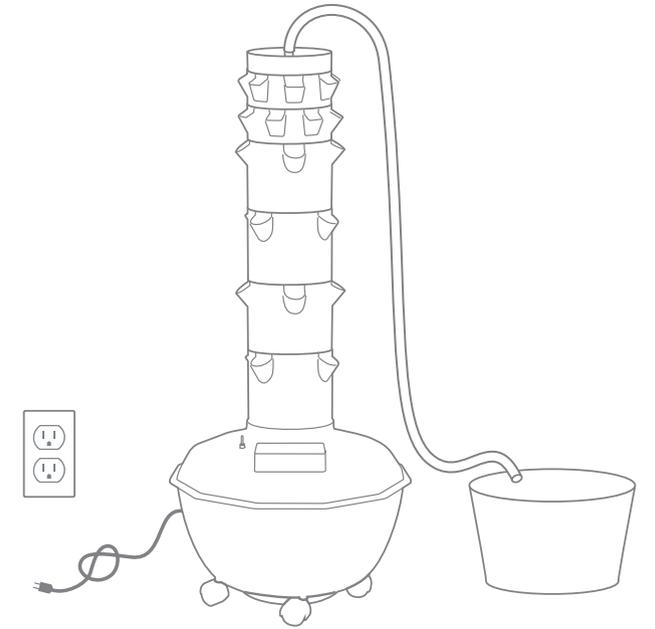
ADDING WATER TO YOUR TOWER GARDEN

- 1 Check the water monitor regularly — if the stick reads at the 1/2 mark or less, add more water and nutrient solution until the monitor reads 1. Keep enough nutrient solution in your reservoir so that the pump stays completely submerged.
- 2 Add nutrients to the water every time you fill your reservoir tank. You can mix water and the Mineral Blend in a bucket prior to adding it to the reservoir (20ml each of Mineral Blend A and Mineral Blend B for each gallon of water).



DRAINING AND REFILLING THE RESERVOIR

- 1 Unplug the pump.
- 2 Remove the LED lighting kit from the shower cap.
- 3 Insert the drain pipe on the tip of the shower cap nozzle.
- 4 Make sure the drain pipe is facing away from any electrical plugs, and pointing into a container.
- 5 Plug in the pump.
- 6 You can use the drained nutrient solution to water landscape plants around your yard.
- 7 Refill the reservoir with fresh water and nutrients.
- 8 Replace the LED lighting kit on the shower cap.
- 9 Repeat this process semiannually.



CLEANUP AND STORAGE

- 1 Remove the plants from the Tower Garden by pulling the net pots from the planting ports.
- 2 Disassemble the tower sections, starting at the top. Do not remove the bottom section from the reservoir lid.
- 3 Compost or discard plant material. Clean and save net pots for future use. If net pots are damaged, you can order new ones at towergarden.com.
- 4 Unscrew the blue swivel hose from the reservoir lid and pump. Rinse pump with clean water before storage.
- 5 After cleaning the tower sections, you can store the parts of the Tower Garden in the reservoir until you are ready to grow nutritious greens and herbs again.

Because water can drip from plants when harvesting or when draining and refilling your Tower Garden, we recommend placing a waterproof mat under the reservoir to protect your carpet and floors.

MAINTAINING YOUR TOWER GARDEN

DAILY

- Check water level. See [ADDING WATER TO YOUR TOWER GARDEN](#) to ensure correct level.

WEEKLY

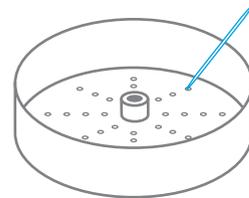
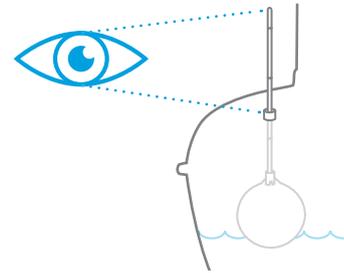
- Check the pH weekly and after refilling the reservoir, follow the instructions to adjust your pH level. Yellowing leaves are an indication that your pH may have drifted out of the recommended range.
- Keep roots away from the pump. You can trim the roots that may be dangling in the reservoir.

MONTHLY

- Keep the shower cap holes clean and free from debris. You can use a toothpick to clean the holes.
- Clean the pump filter monthly. Unplug the pump, pull the pump up through the access port and remove the pump cover. Clean with water to remove debris.

SEMIANNUALLY

- After disassembling, clean the tower sections, shower cap and lid, and the pump with warm soapy water and a sponge.



TROUBLESHOOTING

Little or no water flowing out of the shower cap

- Make sure pump is plugged in.
- Make sure the outlet has not tripped the GFI or indoor breaker switch.
- Check for a clogged pump and clean, if necessary.
- Check for a kink in the blue swivel hose.
- Make sure blue swivel hose is firmly connected to the reservoir lid.
- Unplug and replug the pump from the electrical outlet. Magnetic pumps sometimes need to be restarted after long periods of continuous operation.

Algae buildup in the reservoir and shower cap

- Light is getting into the system. Make sure all lids are secure and tight.

Water leaks from around net pot

- Make sure your Tower Garden is level.
- With seedlings and small plants, rotate the net pot in either direction to dislodge any object that may be causing the leak.

Shower cap is running over

- Use a toothpick to clean out the shower cap's holes and clear any clogs.

Leaves look yellow

- Make sure the pH is between 5.5 and 6.5. High pH will cause leaves to turn yellow.
- Add Mineral Blend as recommended on bottle labels to ensure nutrient levels are sufficient.

LED lamp does not snap into place on the fixture base.

- If the base and lamp do not easily snap together, rotate the lamp 180°. Ensure the light is facing the Tower Garden.
- Ensure wires are not pinched between base and lamp.

LED lamp does not work or stops working.

- Remove lamp and check that wire terminals are securely connected.
- Remove lamp from base and attach to different base to determine if it is the base or the lamp. Call our Customer Support team to report the issue.



For further assistance,
call our Customer
Support team at

866-235-0414

between 8am-5pm CT
Monday-Friday.

LIMITED WARRANTY

The Juice Plus+ Company, LLC warrants that the Tower Garden® by Juice Plus+® will be free from defects in materials or workmanship under the following warranty provisions:

- (a) **CORE COMPONENTS** – For a period of Five Years from the date of purchase by the original retail customer, The Juice Plus+ Company will repair or replace any defective original core plastic component, which are the Nutrient Reservoir, Reservoir Lid, Access Port Lid, Tower Sections, Shower Cap, Shower Cap Lid, Pump and Timer.
- (b) **OTHER COMPONENTS** – For One Year from the date of purchase by the original retail customer, The Juice Plus+ Company will repair or replace any defective original component not covered under the warranty above, including LED Grow Lights, excluding Consumables.

Within the warranty period, The Juice Plus+ Company will, at its sole option, repair or replace any components that fail in normal use and, which upon inspection if requested by The Juice Plus+ Company, show to be defective in materials or workmanship. Such repairs or replacements will be made at no charge to the customer and The Juice Plus+ Company will arrange for the requested return of any defective components free of charge. The Juice Plus+ Company will also arrange delivery of the repaired or replacement component free of charge.

HOW TO OBTAIN WARRANTY SERVICE:

To obtain warranty service, call Tower Garden Customer Care within the warranty period at 1-866-235-0414 for instructions and a Warranty Service Authorization number (WSA).

WARRANTY LIMITATIONS:

This limited warranty does not apply to: (i) damage caused by accident, misuse, abuse, alteration, improper assembly or installation, negligence in use, or acts of nature or other external causes; (ii) components considered to be consumable items; (iii) normal wear and tear, or (iv) products purchased for commercial or industrial use.

THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. THE JUICE PLUS+ COMPANY'S SOLE LIABILITY, AND THE SOLE REMEDY, FOR BREACH OF THIS WARRANTY IS LIMITED TO THE JUICE PLUS+ COMPANY'S REPAIR OR REPLACEMENT OF ANY DEFECTIVE COMPONENT (AT THE JUICE PLUS+ COMPANY'S SOLE OPTION). THE REPRESENTATIVES, EMPLOYEES AND DISTRIBUTORS OF THE JUICE PLUS+ COMPANY ARE NOT AUTHORIZED TO MAKE MODIFICATIONS TO THIS LIMITED WARRANTY OR MAKE ADDITIONAL WARRANTIES BINDING ON THE JUICE PLUS+ COMPANY. ACCORDINGLY, ADDITIONAL STATEMENTS BY ANY SUCH PERSONS, WHETHER ORAL OR WRITTEN, DO NOT CONSTITUTE WARRANTIES BY THE JUICE PLUS+ COMPANY AND SHOULD NOT BE RELIED UPON. THE JUICE PLUS+ COMPANY DOES NOT WARRANT THAT THE PRODUCT WILL MEET YOUR NEEDS OR EXPECTATIONS. THIS LIMITED WARRANTY IS NOT VALID UNLESS THE PRODUCT IS PURCHASED FROM AN AUTHORIZED TOWER GARDEN® BY JUICE PLUS+® DISTRIBUTOR. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE ADDITIONAL RIGHTS, WHICH MAY VARY FROM JURISDICTION TO JURISDICTION. SOME JURISDICTIONS DO NOT ALLOW SUCH WARRANTY LIMITATIONS, SO THE ABOVE LIMITATIONS MAY NOT APPLY. IN NO EVENT SHALL THE JUICE PLUS+ COMPANY BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM A DEFECTIVE COMPONENT OR THE MISUSE OF THE PRODUCT. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY.





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