



Best Practices Checklist for Your Tower Garden

Where are you growing?

INSIDE

- 1. Air Movement** - Air flow is extremely important to plant health and growth. Use a fan to improve air flow and be sure your Tower is not too close to walls or windows. Ideal temp in room is 70-75°.
- 2. Grow Light timer setting** – optimum 14-16 hours on/8-10 hours off, preferably in daytime.
- 3. Nutrient Levels** – Always use full rate of nutrients indoors, 100ml each of A and B per 5 gallons of water.
- 4. Timer Setting** – New Timers should be set to **I** (indoors). 15-min. timers – we recommend 15 min. on and 45 min. off

OUTSIDE

- 1. Water Temperature** – Water temperature in the reservoir will affect plant growth if too hot (above 85°) or too cold (below 55°). To cool water add a frozen liter size water bottle to reservoir. You can also raise the reservoir with a dolly or mat to reduce heat transfer from hot surface. To warm water add an aquarium heater.
- 2. Sunlight** – The Tower Garden needs a minimum of 6-8 hours of full sun. If temps are greater than 90° some shade (like an umbrella) in mid-afternoon is helpful.
- 3. Nutrient Levels** – Use the full rate of nutrients when temps are **BELOW** 65° night/85° day (100 ml each of A and B per 5 gallons of water). Use half rate of nutrients when temps are **ABOVE** 65° night/85° day (50ml each of A and B per 5 gallons of water).
- 4. Timer Setting** – New Timers set to **O** (outdoors). 15-minute timers: we recommend 15-min. on and 45 minutes off. If temperatures soar and veggies wilt on Tower, set timer to 30 min on and 30 off during hottest part of day (1-4pm).

Note pH levels – both indoors and outdoors - optimal for most plants is 5.0 to 7.0. Yellow leaves indicate pH has drifted. Only use Tower Garden pH+ or ph- to adjust pH level in Tower Garden.

Trouble Shooting:

Pump dies – replace pump ASAP by going to <https://mhitch.towergarden.com/> or you can purchase locally if pump specs are available. **It is good to always have a spare pump on hand.** To keep pump healthy, keep the reservoir at least half full water and keep the reservoir free of roots that can clog pump.

Timer dies - replace timer ASAP by going to <https://mhitch.towergarden.com/> or you can use any timer that allows at least 15-minute increments that is for outdoor use, if growing outdoors.

Wilted Plants from no water/pump and/or timer dying – you can run the Tower continuously for 4 or 5 hours to rejuvenate, then turn timer back on.

For more details refer to your Tower Garden Growing Guide or go to <https://mhitch.towergarden.com/>