

Greta the Garden - How to look after me!

My reservoir:

Think of the reservoir like my heart, I need it to be healthy and happy so the nutrients can be pumped to the plants growing on my shelves.

Where is my reservoir?

You'll find my reservoir at my base, open the grey doors and you'll see a big black box filled with water and growth formula (nutrients). My reservoir should always be filled up to roughly 5cm from the top of the box.

Green growth formula is made of the nutrients A,B,C.

What are the weekly tasks?

Please do these tasks in order 1,2,3 because they affect each other.

1. Check my reservoir level

Always make sure it's 5cm from the top of the tank please! If you need to add more water, you can add potable/tap water.

2. Nutrient check - optimal value 1.8mS/cm

- As my plants grow and take in nutrients from the water, you will need to make sure the EC (electric conductivity i.e. density of nutrients in the water) is at the optimal value of 1.8mS/cm. You do this by getting the 'EC wand' and stirring this into the reservoir tank, the reading will light up in blue.
- If my EC is below 1.8mS/cm you'll need to add the correct amount (ml) of Maintenance Mix, depending on the reading. To find out how much to add, look at the EC table in the 'Terrace Pro How-to Guide' p.9

-For example, if the EC reads at 1.3, you'll need to add 600ml of Maintenance Mix to get it back to 1.8

- After you have added the Maintenance Mix - don't forget to stir thoroughly!

3. Check the pH level - optimal range is 5.5-6.5

- Plants grow best in this pH range because it's slightly acidic. To test the pH level, get a fresh pH strip and dip this into the reservoir for 10 seconds. Using the color table, check that my pH is within the correct range.
- If my pH is higher than 5.5-6,5 making it too acidic, you'll need to add 'pH Down' to reduce it.
 - Add 20ml of pH Down for every 0.5 adjustment of pH required
 - Example: if the pH is 7, adding 40ml would make sense because that would bring my pH down to 6 (right in the middle of my optimal pH)
- **Maintenance Mix:**

It's also handy to have maintenance mix ready made. This can sit next to me and you can use it whenever you need. Here is the recipe:

1L of potable warm water needs to be mixed with:

Green Growth Formula A - 20g (or 20ml using your beaker)

Greens Growth Formula B - 10g (or 10ml using your beaker)

Green Growth Formula C - 5g (or 5ml using your beaker)

If you are making 2L of this, just double the nutrient quantities listed above!