

COMMON ISSUES + HOW TO FIX

Most problems can be solved by cleaning the bucket with soap and refilling it with fresh water and fertilizer.

01 Mold or algae growing

A little mold and algae is generally harmless. Completing a water change can solve the problem.

02 Tall and thin plants

Plants that look weak, tall, or are unable to stand on their own usually results from a lack of light. Try to put your system in a south-facing window.

03 Brown roots/water

This is normally a sign of root rot. Complete a water change and wash the system with soap and water. Run the plant's roots under water and remove any brown/dead parts. Discard the plant if needed.

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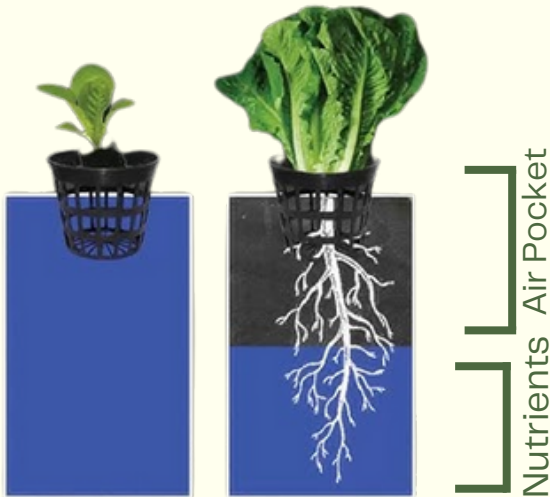
HYDROPONICS GUIDE



INTRO TO HYDROPONICS

Hydroponics is the practice of growing plants in nutrient-rich water rather than soil. Compared to traditional agriculture, it grows more food with less water and can grow food year-round.

Our hydroponic systems use a special type of hydroponics – they only need to be filled up with water once. As the plant's roots grow, the water level in the buckets will decrease. You don't need to refill the water! The air pocket gives the roots vital access to oxygen, creating a thriving garden with minimal effort!

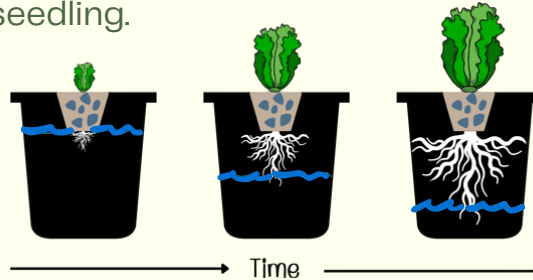


MAINTENANCE

Only basic tasks are needed for these plants to grow:

WATERING AND FERTILIZING

- Over time, the water level will drop as the plants grow. **Do not add more water – this is normal!** Eventually, when the water is all gone, you should harvest your plant and get a new seedling.



LIGHTING

- Make sure your plants receive at least 6 hours of sun a day

CLEANING

- Make sure to use **clean hands** when handling the systems.
- Remove any dead plant leaves to prevent plant infections

HARVESTING

- Snip the leaves off, but keep the stem intact so the plant can regrow
- Lettuce can be harvested when its leaves are 4–6 inches long
- Herbs like basil and cilantro can be harvested when the stem is 6 inches long

HOW TO SET UP YOUR SYSTEMS

1

Remove lid and fill the bucket up with water to the fill line (marked on the side of the bucket)

2

Add 3/4 teaspoon of nutrients per gallon of water and mix well
***Make sure the plant's roots are submerged in the water**

3

Secure the lids on, put the seedlings into the black pots, and place the pots in the lid

4

Place the hydroponic system in a well-lit area indoors (not outdoors!). Make sure the area receives at least 6 hours of sunlight per day (south facing windows are best)

5

Wait for your plants to grow!

