

Grow plants until they are 5" or 6" tall in vegetation, then change to the flowering cycle

GROWTH	LIGHT	WATERING	FERTILIZING	PPM
	18 hours	Continuous	<ul style="list-style-type: none"> • Enzyme • Growth Fertilizer • B1-Seaweed based • Root Stimulator 	500

Flowering week 1	<ul style="list-style-type: none"> • Enzyme • Flowering Fertilizer • B1 Seaweed based • Calcium Magnesium Supplement 	800 PPM
Flowering week 2	<ul style="list-style-type: none"> • Enzyme • Flowering Fertilizer • B1 Seaweed based • Early bloom booster 	1000 PPM
Flowering week 3	<ul style="list-style-type: none"> • Enzyme • Flowering Fertilizer • Carbohydrate • Calcium Magnesium Supplement 	1000 PPM
Flowering week 4	<ul style="list-style-type: none"> • Enzyme • Flowering Fertilizer • Carbohydrate • Bloom Supplement 	1000 PPM
Flowering week 5	<ul style="list-style-type: none"> • Enzyme • Flowering Fertilizer • Carbohydrate • Calcium Magnesium Supplement • Bloom Supplement 	1000 PPM
Flowering week 6	<ul style="list-style-type: none"> • Flowering Fertilizer • Carbohydrate • Calcium Magnesium Supplement • Bloom Supplement 	1000 PPM
Flowering week 7	<ul style="list-style-type: none"> • Flowering Fertilizer • Carbohydrate • Calcium Magnesium Supplement • Bloom supplement 	1000 PPM
Flowering week 8	Water and rinse product	

All plants should be healthy and have good root development before transplanting

Flush rock wool with an enzyme and water solution every 2-3 weeks

LIGHT



12 hours

WATER



Can vary according to rockwool manufacturer. See manufacturer notice.

IMPORTANT

- Desired Ph 5.8 – 6.2
- Temperature **INSIDE** the ECOSYSTEM should never exceed 29°C or 84.2°F
- Air conditioning is recommended to control heat

*Please note that these are guidelines only. Follow the nutrient manufacturer's directions. **Jardin du Futur**

GETTING STARTED

Remove rubber stopper from inside the drippers, if not already removed during assembly.

TREATING THE ROCK WOOL:

1. Cut off the top and bottom of each bag, creating a complete opening.

Note: The rock wool slab should be centered in plastic bag with approximately 2" of plastic above and below rock wool. This acts as splash protection.

2. Insert slabs into the ECOSYSTEM
3. Prepare water for rock wool treatment
 - Fill reservoir with 60L water
 - Use enzyme product and wetting agent
 - Ph 5.0
4. Run pump continuously for 24 hours
5. Your ECOSYSTEM is now ready for plants. Empty the reservoir and prepare the nutrient mix for the GROWTH stage of your plants.b.

TRANSPLANTING

- **It is recommended to treat baby plants with a root development product before transplanting.**
- Before inserting the plant into the rock wool slab, pour 500ml of the nutrient mix into each hole.
- Recommended number of plants: 80 to 140 (depending on variety).
- Always insert the plants below the top Velcro and above the bottom Velcro strap.
- All plants should be healthy and have good root development before transplanting.

PLANT MAINTENANCE

At the beginning of the flowering cycle, trim off branches that are growing towards the rock wool and not the light.

RESERVOIR MAINTENANCE

- Change water in the reservoir every 5 to 7 days. Use the submersible pump by removing the line to the drippers and adding a hose with the same fitting to empty the contents of the reservoir **or** empty the contents by hand.
- Thoroughly clean the ECOSYSTEM reservoir and pump filtre with a biodegradable, non-toxic soap.
- Depending on the stage of the plants, refill with a ph balanced (ph 5.8 – 6.2), nutrient solution.

EXTRA VENTILATION

When using bulbs higher than 400W, extra ventilation is recommended. One or more of the following methods can be used:

- Insert a 12" wall fan into base of the machine (semi-circle)
- Insert a blower (such as an Air King) under machine
- Install an air conditioning unit
- A 6" or 8" in-line fan can also be suspended above the ECOSYSTEM. Attach the fan to the ceiling and run ducting to ECOSYSTEM. **DO NOT** place fan directly on top of the ECOSYSTEM.

Flush rock wool with an enzyme and water solution every 2-3 weeks



ECOSYSTEM™