



Marley Hydroponics Starter Kit

We value your input on our new product,
kindly provide feedback on our site.

www.marleypipesystems.co.za



Our Hydroponics System can be purchased separately in this store (Look out for our Marley Hydroponics System).

Alternatively contact info@marleyps.co.za and we will direct you to your nearest supplier.



*Grow your own nutritious
produce with **MARLEY***

www.marleypipesystems.co.za

Marley Hydroponics Range

Marley Hydroponic System



Marley Hydroponic Profiles



Marley Hydroponic Stopend



Marley Hydroponic Starter Kit



⚠ CAUTION:

* Keep Nutrients out of reach of children.

* May contain small parts that are choking hazards for children under the age of 3 years old.

* Nutrients are for Hydroponic Vegetable growing only.

Here are a couple of important notes to remember with hydroponics:



Monitor plant growth and check for pests weekly.



Check the water level of the reservoir on a weekly basis to ensure level is correct.



Add nutrients to the water in the reservoir once a week.



Frequently Asked Questions

Q - Can I plant seed directly into a hydroponic system?

A – You need to grow the seed in any form of medium to your liking prior to putting it in the system, it should have at least two leaves before adding it into the hydroponic system.

Q - I bought seedlings from a nursery, can I plant it directly into the system?

A – Yes you can. We have supplied you with Net Pots and Disc Filters (Netting) to add seedlings directly into your hydroponics system. Place the disc filter (netting) into the net pot and add your seedling. Make sure the seedling medium is level with the net pot.

Q - I have a problem with my seedlings, please help?

A – Planting seeds to sprout to seedlings is fairly easy. If you have any queries or need more information, contact Marley Pipe Systems on info@marleyps.co.za.

*For the best growth results, these are some of the plants suitable for growing in your current or new hydroponics system:

Suitable Plants

- ✓ Spinach Variety
- ✓ Kale
- ✓ Chillies
- ✓ Baby Cabbage
- ✓ Lettuce Variety
- ✓ Celery
- ✓ Thyme
- ✓ Mint
- ✓ Rocket
- ✓ Pak Choi
- ✓ Mustard
- ✓ Bush beans
- ✓ Basil
- ✓ Curled Parsley
- ✓ Strawberries
- ✓ Mustard Cress
- ✓ Chives
- ✓ Italian Parsley
- ✓ Green beans
- ✓ Coriander
- ✓ Oregano
- ✓ Tomatoes
- ✓ Tat Soi
- ✓ Kale

The above plants are the most popular in a hydroponics system. Visit your nearest hydroponic store for a wide variety of plants available. (No top heavy and bulb vegetables, e.g. carrots, potatoes, beetroot, etc.)



Did you know that your typical outdoor garden flowers and houseplants are excellent candidates to grow in a hydroponic system? The only limit is your imagination, we challenge you to explore.

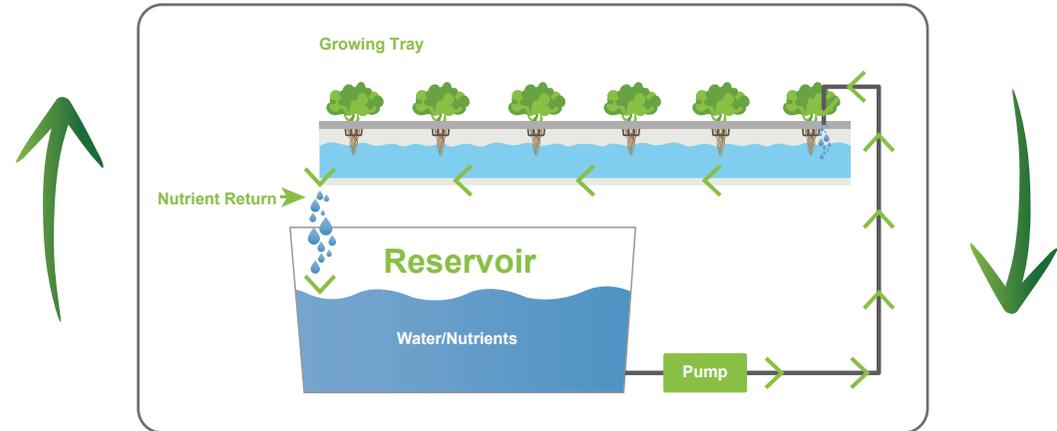


The NFT Hydroponic Process

STEP 1: Reservoir Tank

A reservoir containing a nutrient water solution is pumped into the hydroponic profiles through a network of hoses.

- ✓ The right balance of nutrients, water and oxygen **reduces harvesting time.**
- ✓ Controlled environment reduces plant stress for **healthier produce.**



STEP 3: Recycling System

The nutrient water solution is directed via the hoses into a filter system where the waste water is collected, filtered, treated, recycled and pumped back in to the reservoir tank.

- ✓ Nutrient water is recycled, reducing **overall water usage** significantly.

STEP 2: Hydroponic Profiles

Growing medium is placed into the net pots and positioned in the holes of the profile. The profile forms part of the pipe network that conveys the nutrient solution.

- ✓ **Under cover** – not affected by climate-related issues (i.e. flood, drought, wind).
- ✓ **No soil** = no pesticides or diseases associated with soil.

** The graphic above is for illustration purposes only and the technical aspects may differ.*

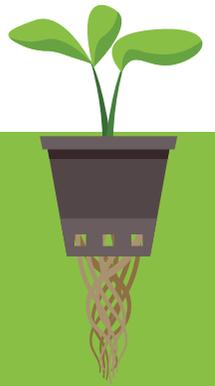
How to plant your seedlings:

1. Decide how many Jiffy Pellets you will be using and place them in a tray. The remaining Jiffy Pellets can be safely stored in a plastic bag and used at a later stage.
2. Add enough water to the tray to cover half the height of the Jiffy Pellets. How much water you use will depend on how many Jiffy Pellets you use.
3. The Jiffy Pellets will fully expand in about 5 to 10 minutes. Add more water if needed. When all the Jiffy Pellets have fully expanded, strain any excess water.
4. Make a little tear on the top of the netting on each Jiffy Pellet. Make a small hole in the middle where the seeds will go, using a toothpick or a pencil.
5. Place the seeds in the hole and lightly cover them with some of the soil you moved to the side when making the hole.
6. Place the Jiffy Pellets in a sealable container with the lid closed. The container must be kept in a warm place, out of direct sunlight. Wait a few days for the seeds to sprout, depending on the plants some of the seeds may sprout within 2 days. Be sure to check the tray every day to see if any of the seeds have sprouted. Only water the Jiffy Pellets if they're looking very dry, if the soil is a little damp to the touch, that's perfect.
7. Once the seeds have sprouted its time to transfer the seedlings into your hydroponics system.
8. Line the net pot with the disc filter (netting) and then transfer the seedling into the net pot. Make sure the seedling medium is level with the pot.
9. Add the net pots with seedlings into your hydroponics system.
10. It is now time to add the 2-Part Nutrients. Nutrients A & B must be used together but **mixed separately**. Mix 2 x teaspoons (+-10 gram) of **Nutrient A** with 1 liter of freshwater in a container until dissolved. Do the same with **Nutrient B** in another container. Add **Nutrient A** into the reservoir following by **Nutrient B**.

Now you can sit back, relax and watch your plants grow.



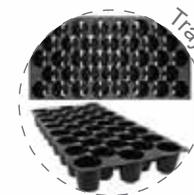
Illustration on “How to plant your seedlings”



Transfer plant from tray to disc filter (netting) into Net Pot



Propagate from seed



Seedlings can also be sourced from nurseries