

# TrueNute Startup Kit Instruction Outline

## **Day 1**

1. Add TrueNute Fake Fish to bring ammonia level in the system to 4 PPM.
2. Add First package of TrueNute Vegetative Growth Mix with Nitrate.
3. Add Micro-Nutrient Pack
4. You will check the ammonia level daily so that you can add more TrueNute Fake Fish as needed to maintain 4PPM until day 15.

## **Day 15**

1. Add second package of TrueNute Vegetative Growth Mix.
2. You will check the ammonia level daily so that you can add more TrueNute Fake Fish as needed to maintain 2PPM.

## **Day 30**

1. Add Third package of TrueNute Vegetative Growth Mix.
2. You will check the ammonia level daily so that you can add more TrueNute Fake Fish as needed to maintain 2PPM.

# TrueNute Startup Kit Instruction

## Day 1-Day 14

After you have your system up and running, pumping water and air where it is supposed to go, and have plants in, you will be ready to start.

We recommend that you document everything with at least basic notes of what you do, any test levels you find and any other things such as water and air temperature and date everything. This can be very important later if something is not working correctly.

Your PH should ideally be around 6.8 for best results, however, just make sure you are at 7.5 or below, down to 6.8 and you will be ok. Just keep in mind that you will want to work towards 6.8 over time as your plants will do much better at that level, and the level is very fish friendly. Now is the time to adjust your PH as needed, do not wait until after you have fish in the system to do this. If you need help, please reach out to us, we will help to guide you through the process.

Your ammonia level should be at 0 PPM before you start. However, if you have chloramines in your water, it will release ammonia into the water when it is broken down with our [Chlorine and Chloramines remover](#).

If you do have ammonia already present in your water, we will need to adjust your dose of TrueNute Fake Fish so you don't get your ammonia level too high, causing sterilization of the system. You want to max out at 4PPM for now, without fish in the system, this level is fine. Once you know your dosage amount you can add it to your system water, testing before you add and recording that level. After an hour or two of the water circulating through your system, you will test the ammonia level again. If you are not close to 4PPM, please reach out to us for help. You can text me anytime 24/7 and I will answer if I am not sleeping. 214-489-2311 is my direct line. If you are at 4PPM of ammonia, then we are ready to proceed to the next part of the Day 1 steps.

Cut open and add one of your TrueNute Vegetative Growth packs that has been premeasured for your system size. Dump it into the sump or fish tank or anywhere that you have good water circulation. Do not dump it into a media bed,

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## Day 1-Day 14

as it will not disperse correctly. You can put it into a DWC bed but be sure the water moves well in that area.

Next, you want to carefully cut open the TrueNute Micro Nutrient Pack and add it to the system water, same place as you added the Vegetative Growth Pack is fine. Make sure you are close to the water or even use water to fully rinse the pack out into the system water. Do not allow the dust to blow away, as it will take much needed micro nutrients along with it. This TrueNute Micro Nutrient Pack will last for 3 months or 12 weeks before you will need another one. You should at that point have a subscription to the TrueNute Micro Nutrient Packs as well as to the TrueNute Vegetative Growth Kits without nitrate. Please reach out to us if you need any help getting that setup or for more information. Day 1 is now complete.

At this point, you will not need to add more minerals to the system for 14-15 days, however you will want to test your ammonia level every few days until it starts to drop off. When it does start to drop off and makes it to or very near 0 PPM, you will want to dose the appropriate amount of TrueNute Fake Fish for your system size. Make sure you test your ammonia levels before and several hours after adding a dose and record those levels. If any thing seems off, please reach out to us for help.

# TrueNute Startup Kit Instruction

## Day 15

Today is day 15 and it is time to add your next TrueNute Vegetative Growth Pack to your system. You should have been keeping records of your ammonia levels and adding TrueNute Fake Fish as needed to bring the ammonia up to 4 PPM when it reaches 0 PPM.

At this time, we want to cut the TrueNute Fake Fish dose in half so as only to bring the ammonia level up to about 2 PPM. It will require you to test a bit more frequently in order to maintain 2 PPM of ammonia in your system as needed. You will continue to test your ammonia levels and add TrueNute Fake Fish as needed until you add real fish to your system.

If you have any concerns about your plant growth or system level please get in touch with us at your convenience.

# TrueNute Startup Kit Instruction

## Day 30

Today is day 30 of using the TrueNute Startup Kit. You should be keeping track of your ammonia levels and adding TrueNute Fake Fish as needed to bring your ammonia levels back up to 2 PPM every time it drops to or near 0 PPM.

This is the day that you will add your final TrueNute Vegetative Growth with Nitrate. You should be getting close to having your system fully cycled. You will know it's fully cycled when you add your fake fish to your system and 24 hours later your ammonia level is at or near 0 PPM. You will also need to test for nitrate. Your nitrate levels should be between 20 and 40 PPM while you were using the TrueNute Vegetative Growth with Nitrate. if your nitrate is higher than 40 PPM then you know your system is converting ammonia into nitrite and then into nitrate.

### **Important!**

Before you add fish you still need to test for one more thing. You will need to test for nitrites and ensure that it is at or near 0 PPM. if your nitrite is not at or near 0 PPM do not add fish. if you have nitrite levels that are too high this will cause brown blood disease in your fish, possibly killing them.

If your nitrates are at or near 0 PPM, then you are ready to add fish. Again, if you need any help or have any questions let us know we are happy to help

On day 45 you will need to start adding [TrueNute Vegetative Growth without nitrate](#). [Click here to go to the subscription page for this product](#).