

Verdeat.

pH / EC Meter operation manual

1. Fill entire system with the right amount of water (use Verdeat Quick Start Guide - step 5-6)
2. Open the main tank doors and gently extend the main tank to the front of the Verdeat.
3. **Turn ON** the pH/EC meter.
4. **Change the MODE** (using Mode button) to **uS/cm (EC value)**
5. Put the meter in the main tank and test the EC value. **Optimum value is around 1200 uS/cm (+/- 200)**
6. **If you are below 1200 uS/cm add a 3ml of “Organic Nutrient”** using pipette (place the pipette in the bottle and lock top side of the pipette with your finger. Put the pipette in the main tank then release the finger)
7. Mix the water with pipette and wait for 60 seconds.
8. Test the water again and repeat steps 6-7 if necessary.
9. **Change the MODE** (using Mode button) to **pH**
10. Put the meter in the main tank and test the pH value. **Optimum value is around 5.8 - 6.5 pH**
11. **If you are over 6.5 pH add a 1ml of “pH Down”**
12. Mix the water with pipette and wait for 60 seconds.
13. Test the water again and repeat steps 10-11 if necessary.

14. If your pH value dropped below 5.8 pH just add a 500ml of clean tap water to the main tank and repeat steps 10-11.

Additional info

- For the first 3 days after initialization it's recommended to check uS/cm and pH values once a day.
- Later in your growing process It's recommended to check the values once a week
- If you have to leave the place where you are using Verdeat for a longer time you can drop the pH value to 5.5 and rise the EC to 1600 uS/cm. In most cases your system will have right values of pH and EC for the next 2 weeks.
- You should change the water in the main tank once in a 2-3 weeks.
- pH above 5.5 is required to have a optimum environment for your plants