

Hydroponics Nutrients Mixing

Objective

- Mix your own hydroponic nutrients from the packets provided to you.

Materials

- You will need the following to make your own concentrate/stock solution. This stock solution can be used later to make nutrient solution of any volume.
- For 500L packets
- Two cans of each 5 Ltr Capacity. Mark one can as 'A' and the other one as 'B'
- A rod/stick for stirring.
- Indispensable Ink Marker
- Measuring cup.



Procedures

- Take Can A and fill it up with 2.5l of water. Use water that is pure. RO water or distilled water is recommended.
- Add the entire contents of packet A into Can A and stir it well. Wait until it dissolves completely.
- Now fill up the Can A with water so that it contains 5 litres.
- Similarly, Take Can B B and fill it up with 2.5l of water. Use water that is pure. RO water or distilled water is recommended.
- Add the entire contents of packet B into Can B and stir it well. Wait until it dissolves.
- Now fill up the Can B with water so that it contains 5 litre.
- Now you have two Cans A and B, each having 100x concentrated stock solution.
- **How to make Nutrient solution**
- To make 1 litre of nutrient solution, take 10ml of solution from Can A and mix it into 1 litre of water
- Take 10 ml of solution B from Can B and add it to water. Use the measuring cup/ syringe for correct measurement.
- Now stir the solution well so that it mixes uniformly. You can use this to water the plants or to fill up the reservoir.