

GUIDANCE

Microgreens Production on ReNu Terra Mats

Introduction

Congratulations! If you are reading this, it means you have decided to give Re-Nuble's sustainable Microgreens Mats a try. We know you're going to love ReNu Terra and experience the user-friendliness and performance we have taken great care to provide. Thank you for your vote of confidence and for prioritizing environmental sustainability in horticulture!

Considerations:

To have the best chance of success in producing your microgreens and keeping your crops free of plant and human pathogens, please follow these instructions:

- ★Your ReNu Terra mat(s) have been pre-sterilized prior to packaging. However, you should always wash your hands with soap and water before handling any materials, such as seeds or microgreens mats.
- ★Make sure your trays and work surfaces are sanitized before you use them. You can use bleach or peroxide solution, or a UV-C wand if you have one. Doing this will reduce your chance of developing mold or pathogens on your produce.
- ★Keep the area where you are growing microgreens between 65 F and 80 F whenever possible, and try to keep relative humidity between 50% and 70%.
- ★Make sure there is some indirect airflow around the area where seeds are germinating.

Steps:

Please follow these steps to produce your microgreens on ReNu Terra mats:

1. If you have purchased 10"x20" mats, remove them from the packaging and lay them flat into your mesh bottom 1020 flats.
2. If you have purchased a roll of mats, unwind them from the roll and cut them to the desired size, then lay them flat into your grow trays or troughs.
3. Wet the mats by top watering, using 250 milliliters of water, or until fully saturated using the shower setting on your sink or hose nozzle. This should take about 10 seconds, and you want to make sure that the entire mats look evenly wetted.
4. Place your 1020 flats into your irrigation system (preferably ebb-and-flow) and irrigate every 4 to 12 hours, depending on your preference and how dry the room is. For NFT systems, you may irrigate continuously or pulse irrigate at the same frequency that you would in an ebb-and-flow system.
5. For very dry environments (40% or less), irrigate every 4 hours. For very humid environments (80% or more), irrigate every 12 hours. Feel free to optimize your irrigation schedule based on your observations.
6. To harvest your microgreens, pull the mats out of the 1020 flats and lay them flat on a solid surface, then use garden scissors or electric shears to cut the microgreens about 1 inch (2.5 cm) from the mat(s). Place the microgreens in your storage container(s) and refrigerate until consumption.