

# **This Aquaponics System Built From Used Materials | Aquaculture Innovation**

What exactly is a double-sided NFT system? Picture maximizing your garden space without expanding your footprint—that's the beauty of the double-sided Nutrient Film Technique (NFT) system.

It consists of two vertical channels stacked back to back, allowing you to cultivate plants on both sides. This doubles your yield while utilizing the same amount of space. But here's the real gem: this system is constructed using recycled materials. Think old plastic bottles, PVC pipes, and even discarded fabric. By turning trash into treasure, we promote environmental responsibility and reduce our reliance on new resources.

## **Benefits of the double-sided NFT system**

1. Increased yield: Grow twice as much food in the same space.
2. Reduced water usage: NFT systems are naturally water-efficient, and this double-sided design further optimizes water usage.
3. Sustainable: Crafted from recycled materials, minimizing environmental impact.
4. Space-saving: Ideal for urban gardens, balconies, or small spaces.
5. Customizable: Adjust the system size and materials to suit your needs.

This innovative system proves that sustainability and productivity can coexist. By employing recycled materials and efficient growing techniques, we can cultivate fresh, healthy

food while minimizing our environmental impact.