



## NFT 1200 Farmers Market Bundle





## Overview

Using the Nutrient Film Technique (NFT), the NFT 1200 System is designed for farmers market growers who are just getting started with hydroponics or taking a step to the next level. If you are ready to experience the future of hydroponics, this is the system for you. This system is ideal for growing: basil, cilantro, parsley, arugula, watercress, fancy lettuce, head lettuce, bok choy, mizuna, and more. The NFT 1200 Farmers Market Bundle comes complete with EVERYTHING you need to get started.

### Bundle Includes:

NFT 1200 Grow System and NFT 1200 Get Growing Hardware and Plumbing Kit  
NFT 1200 Growing supplies - Lettuce or Herb (*3 months worth medium and nutrient*)  
NutriDose 1 System with peristaltic pumps  
3 Tray Propagation System with Bottom Heat Package

## Features

- All components have been constructed or chosen to enhance their efficiency, energy usage, water usage, and longevity.
- The GroClean NFT channels help conserve natural resources and reduce carbon dioxide emissions with their construction of FDA-approved HDPE plastic.
- The NutriDose 1 nutrient controller is key to nutrient and water conservation. This eliminates hand dosing altogether and keeps a watchful eye on nutrient and pH levels. It adjusts levels on-demand so you don't have to. PC Interface sold separately.
- NFT 1200 System measures 12 feet by 20 feet. The 3 Tray Propagation System that comes with the system measures 3.5 feet by 3.5 feet.

## Specifications

### NFT 1200 Grow System

- (32) 2-in x 4-in finishing channels with 576 plant sites
- (8) 2-in x 4-in nursery channels with 576 plant sites
- (1) 20-ft freestanding, galvanized steel table frame
- (2) 10-ft covered collector modules
- (2) 10-ft feeder manifolds

### NFT 1200 Get Growing Hardware and Plumbing Kit

- (1) 150 gallon reservoir
- (1) Rio 32HF submersible pump
- (2) channel scrub brushes
- (1) 12-ft handle for scrub brush
- (1) Float Valve
- (1) Float Valve Plumbing Kit
- All necessary feed and return plumbing

## Specification cont.

### NFT 1200 Growing Supplies - Lettuce and Herb

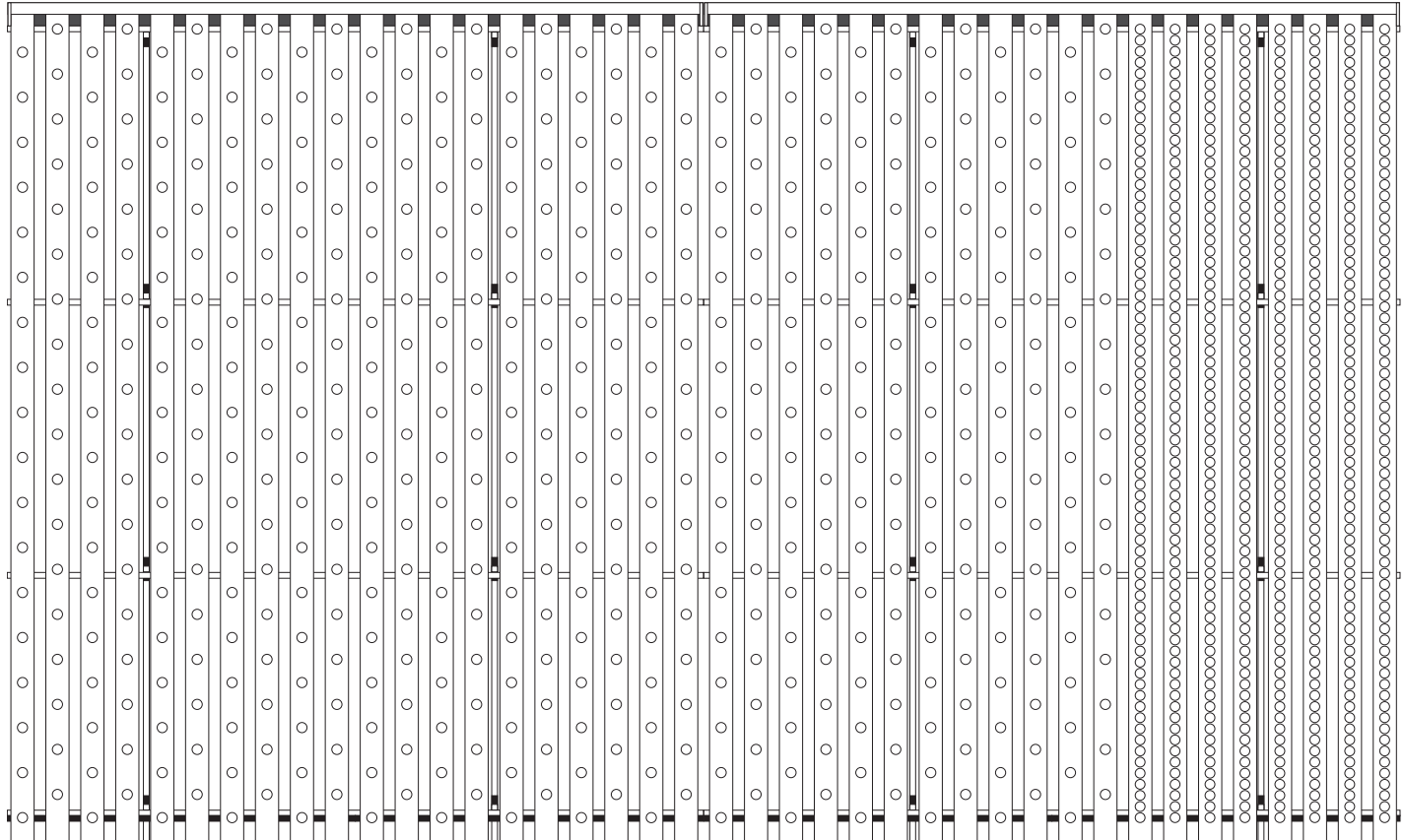
- (2) 5 gallon stock tanks with covers (for nutrients)
- (1) 1 gallon acid tank (for pH adjuster)
- (1) NutriTest (handheld pH and EC meter)
- (500) Lettuce Bags
- (1) Cases of LC1 1-in Oasis cubes
- (2) Gallons of 10% pH down
- (2) 8kg batches of Tasman Bay 2-part nutrients
- (6) Executive Lettuce Seed Collection
- (100 grams) Basil seed (Genovese)
- (100 grams) Arugula seed
- (1) pH Control Kit
- (500) Basil Bags
- (1) Conductivity chart
- (3) Water analysis tests
- (1) Hydroponic Salad Crop Production Book

### NutriDose 1 with Peristaltic Pumps

- (1) NutriDose 1 Controller
- (1) Triple Peristaltic Pump with fittings and hoses
- (1) CF Probe
- (1) pH Probe
- (1) Power supply
- (1) 16oz of all buffers; pH4, pH7, 27.7
- (1) Sample Pot with fittings
- (1) Rio 200 pump

### 3 Tray Propagation System

- (1) Table Frame
- (3) AmHydro propagation trays with fill/drain fittings
- (1) 30 gallon reservoir with cover
- (1) Float Valve
- (1) Float Valve Plumb Kit
- (1) Timer TN311C
- (1) Collector with drain plumbing
- (1) Feeder Manifold with feed plumbing and pump
- Required Plywood and 2x6 wood
- (1) Quad Stat Thermostat
- (2) 44-in by 22-in heat mats
- Required plastic and wire mesh



## NutriDose Controller



### NutriDose 1 Controller with Peristaltic Pumps

This controller will dose three parts, nutrient A, nutrient B and pH adjuster. Using the commercial peristaltic pumps, simply set your dose times and intervals, calibrate your probes and you're all set. This controller will constantly monitor your reservoir, ensuring that the proper nutrients and pH at all times.

## Propagation System



### 3Tray Propagation system

This system comes with the 3 Tray Bottom Heat Package. These mats use less than 20 watts per square foot and thus are more energy efficient than electric cables and old higher wattage mats, making it the economical way to germinate seeds. This mat will provide uniform heat because it is a continuous sheet heater, not coiled wires imbedded in a mat.