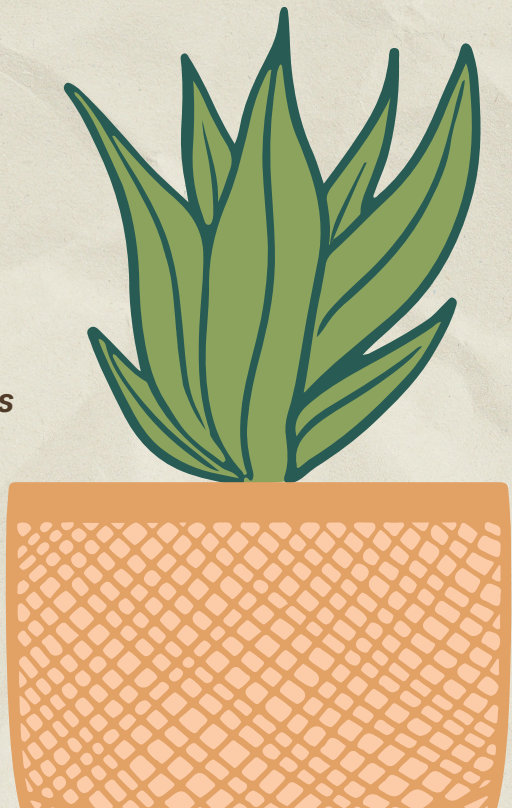




TERRA TECH

**A Technological
Gardening Pot**
*grow plants without
the stress*

**Plant Your Plants
with Confidence**
*cultivate healthy plants
from your phone*



BLUEPRINT



What is it used for?

Growing plants more efficiently and effectively!

TerraTech is an innovative product that tracks all of the key aspects that are needed to grow a plant successfully. This includes humidity, temperature, water content, soil health, sun radiation, and more. Not only will it tell you all of this data but it will provide a detailed how-to on the additional steps that should be taken depending on your plant's health.

Whom does it affect?

Everyone and anyone interested in gardening!

With a growing community and interest in growing your own indoor plants and your own garden at large, TerraTech is designed for anyone that would love to become a better plant parent. Whether you have a lot of experience growing plants and would just like to get pointers on growing plants more efficiently, or you have little experience and would like a helping hand, this product is designed for you. TerraTech would love for you to feel the joy and relaxation that can often come with growing your own plants and less of the stress. Larger versions of TerraTech can also be used in larger-scale gardening and agriculture while smaller versions can be used on an individual basis.

What is the medium?

- ***100% recyclable and sustainable materials***
- ***Each kit contains 1 TerraTech pot and a beginner vegetable and flower seed pack***



USER MANUAL



App Interface

App allows user to understand more about the plant that they are growing, set reminders about when to water, and track all of the data about the plant health itself. The app is synched to pot using bluetooth.

The Garden Pot

Sustainably and ethically made garden pot that changes color to reflect the plants health status. The pot can also sync to the vibrations of the plant itself to create "plant-based" music.



The Plant

App allows user to understand more about the plant that they are growing, set reminders about when to water, and track all of the data about the plant health itself. The app is synched to pot using bluetooth.

Bluetooth Sync

This button is used to sync the data between the phone and garden pot. In order to connect the two devices together, this button will also be used. This button also shows if the pot is running out of power.

User Screen

This screen displays all of the important data around the plant including water content, temperature, soil health, etc. AI technology will also be used to detect pests and diseases in the plant and soil.

MANIFESTO



Climate change has taken a huge toll on our planet, especially within the agricultural space. It can disrupt food availability, reduce access to food, and affect food quality. For example, projected increases in temperatures, changes in precipitation patterns, changes in extreme weather events, and reductions in water availability may all result in reduced agricultural productivity. This is where the product TerraTech comes in. One of the main issues that many people run into currently when it comes to growing their own food or just taking care of their own plant is not knowing when to water it, what nutrients to provide, and honestly forgetting about their plants altogether. According to a study done by Better Homes and Gardens, the average millennial has killed at least seven plants while attempting to brighten up their home.

TerraTech is an innovative product that tracks all of the key aspects that are needed to grow a plant successfully. This includes humidity, temperature, water content, soil health, sun radiation, and more. Not only will it tell the user all of this data but it will provide a detailed how-to on the additional steps that should be taken depending on the plant's health. The pot itself will also change colors to reflect the health of the plant. In addition, the pot can sync to the vibrations that the plant itself has, creating music based on the plant. All of this data will be synced to the user's phone using Bluetooth technology to allow for easy access and live updates on the plants.

The pot itself will be constructed from entirely recycled materials and will have a sleek and minimalist design that places emphasis on the plant that is contained within the pot. AI technology will be used to help detect pests and diseases that the plant and/or soil contain, and an emphasis will also be placed on ethical and sustainable local manufacturing of these pots to tie back to the original mission of giving back to the planet.

There are many ties to flourishing through this product. First and foremost, it can help to improve mental health as there have been numerous studies conducted around plant care and increased mental health benefits. This technology can also be used in food desert communities globally to increase food production and healthy food sources. This product promotes the flourishing of plants as it helps them to grow more efficiently and effectively and also allows for the flourishing of the environment as a whole.