

# The Keanu Leaves Ecosystem (The Technology)

## SMART HARDWARE

Industrial-grade, solar-powered, and network-capable (Wi-Fi, Bluetooth, Cellular) devices.



**Weather Station:** Monitors temperature, atmospheric humidity, UV/IR index, visible light, and barometric pressure.

**Soil Sensors (Basic & Pro):** Tracks soil moisture, temperature, pH, EC, and NPK levels.

**Irrigation Controllers:** 1 to 16 channel options with DC or AC control and offline schedule management.

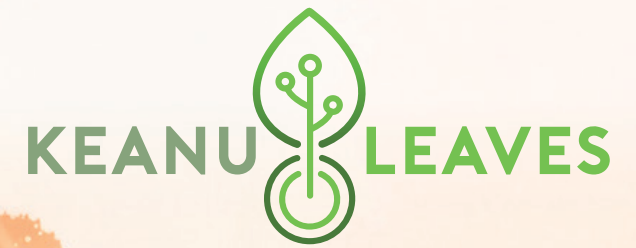
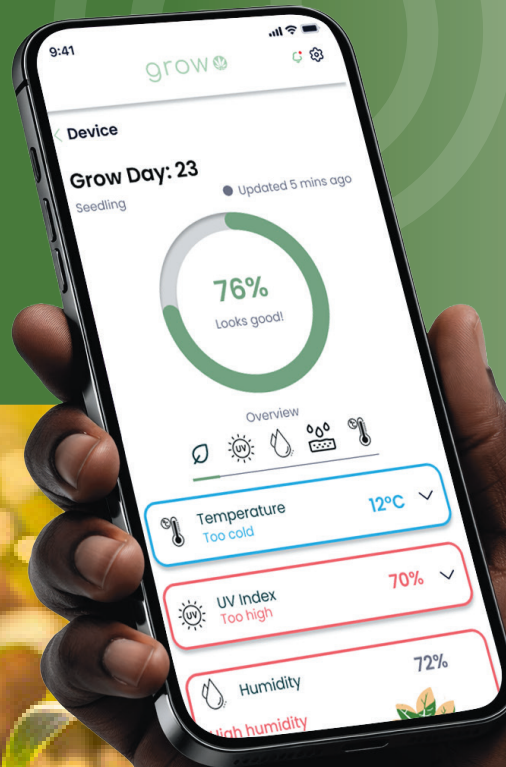
**Point Monitoring:** Configurable sensors for temperature, humidity, CO2, and fluid pH.

## MOBILE APPLICATION

**Dashboard & Insights:** Localized data specific to the farmer's micro-climate. More accurate than regional reports or drone data.

**Plant Recipe Engine:** Removes the guesswork by telling farmers exactly what to do and when to do it based on the specific crop's lifecycle.

**Plant Tracking:** Follows growth and projects output during any stage



# A Smart Farm

MANAGEMENT ECOSYSTEM

Democratising agricultural technology.



**Bridging the gap between novice growers and large-scale commercial intelligence.**



# The Challenges We Solve (The "Why")

## BRIDGING THE "EXPERIENTIAL DEFICIT"

Traditional farming relies on generational knowledge. We provide a "Digital Assistant" to guide new farmers, preventing failure due to lack of experience.

## UNLOCKING FINANCIAL INCLUSION

Small-scale farmers struggle to get loans or insurance. Keanu Leaves generates a verifiable digital audit trail of environmental data and farmer interventions, allowing banks and insurers to accurately model risk profiles and offer favorable terms to previously "unbankable" farmers.

## SECURING THE SUCCESS OF LAND REFORM

By providing technical support and real-time monitoring, we help ensure that government-released land remains productive, transforming subsistence farming into a revenue-generating sector.

## ADDRESSING RESOURCE SCARCITY

As water and arable land become scarce, our system enforces efficiency by monitoring soil moisture and water flow, optimizing input costs and resource usage

# The Managed Service Model (The Journey)

## PHASE 1

**Selection, Assessment & Planning:** We conduct on-site farm assessments and develop tailored farm support plans negotiated according to budgets and goals.

## PHASE 2

**Improvement & Installation:** We execute supervised farm improvements, install the technology, and induct the farmer. This phase includes formal agricultural training to prepare farmers for their plans.

## PHASE 3

**Support, Maintenance & Mentoring:**  
Agricultural Support Centre: On-demand access to technical support and agricultural experts for remote or on-site mentoring.

Community & Market Access: Facilitating peer-to-peer learning and introducing farmers to markets and retailers for their produce.

Ongoing Maintenance: Active tracking of technology health to ensure systems remain operational

We are creators and innovators in the lot space, passionate about smart, connected agriculture.

We create solutions that help people save time and money.



## Why Partner With Us

Stop guessing and start growing with hyper-local data and expert support right in your pocket.

Invest in a scalable platform that guarantees data-driven farming, drives social upliftment, and generates high-impact returns on agricultural investments.

Contact Information: [Insert contact details, website, and Falcorp Technologies branding]

