

# PlantFEED<sup>®</sup>

**Smart control for smarter growth.**

**Innovations in Smart Gardening**



*Have you  
ever dreamed  
of a garden  
surrounded  
by vibrant  
greenery?*







*But do you often forget to  
water and fertilize them  
properly?*

Do you love seeing your plants bloom and bear fruit, but struggle to keep up with regular watering and fertilizing?

Busy schedules, travel, and everyday distractions often lead to missed routines, leaving even well-loved plants stressed and undernourished.

Keeping plants healthy shouldn't require constant attention or reminders anymore!

# Solution is here...

PlantFEED is an automated plant-feeding device designed for home gardens, indoor plantations, greenhouses, and outdoor environments. It delivers the perfect balance of water and nutrients to your plants at the right time, all with zero hassle.

Connected to a drip irrigation system, PlantFEED ensures precise and efficient watering, minimizing waste while keeping your plants healthy and thriving.

The device operates fully autonomously, providing consistent care even when you're busy or away. You can also override or trigger watering at any time using the mobile app or the built-in control buttons on the machine.



# What is PlantFEED?



*Water and fertilize your plants,  
at the right time, in the right amount,  
automatically.*



## **Maximum growth**

Delivers precise water and nutrients for healthier, faster-growing plants.



## **Automated process**

Once set up, you don't need to worry about the process at all.



## **Easy app control**

Effortless care from the mobile phone.



# Feature Overview



*Discover how each feature of PlantFEED works together to make plant care effortless, efficient, and effective.*

## ✓ Automated watering & fertilizer distribution

Delivers the exact amount of water and fertilizer according to your schedule.

## ✓ Nutrient dosing control

Mixes nutrients to the ideal ratio every time.

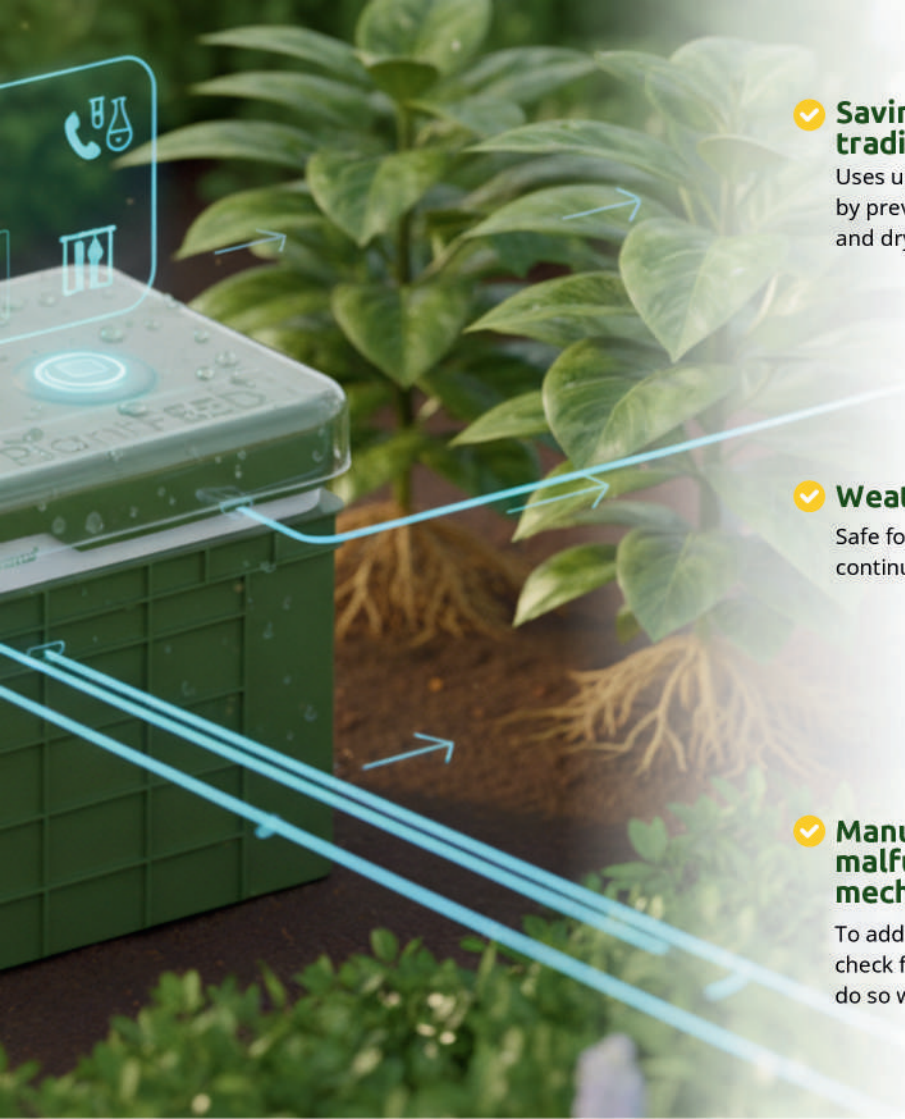
## ✓ Mobile app control

Control the machine from anywhere in the world.

## ✓ No Wi-Fi - No problem

Choose either Wi-Fi or GSM connectivity.





✓ **Saving water compared to traditional watering**

Uses up to 67% less water by preventing overwatering and dry cycles.

✓ **Electricity saving compared to conventional hose watering.**

Provides 30–60% water savings compared to conventional methods.

✓ **Weatherproof housing**

Safe for outdoor installation and continuous operation.

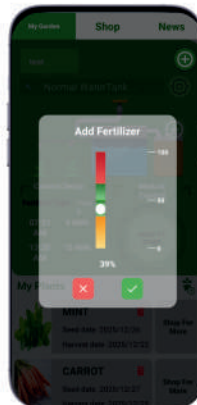
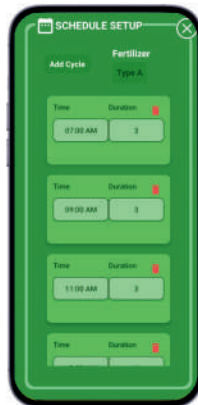
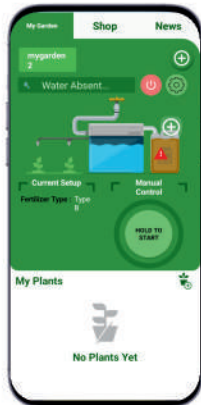
✓ **UV-Resistant outlet cover**

Protects against sunlight degradation, ensuring longer service life of the machine.

✓ **Manual override and malfunction checking mechanism.**

To add water outside the schedule, & to check for any malfunctioning, you can do so with the buttons.

# PlantFEED App



✓ Scheduling

✓ Manual watering

✓ fertilizer adding

✓ Plant growth tracking







# Technical Specifications

- Product Name: PlantFEED
- Model Name: PlantFEED-Home
- Model Number: VG25001P
- Power Source: 230V 50Hz
- Power Rating: 65W, max at operation
- Idle Power Rating: <5W
- Dimensions (mm):
  - Main Unit: 560 × 360 × 120
  - With 40L external bucket: 560 × 360 × 420
- Connectivity Options: 2.4 GHz Wi-Fi
- Operation Modes:
  - Scheduled automation (via app)
  - Manual control (via app or physical buttons)
- Required water inlet pressure: 0.02 MPa-0.8 MPa
- Dripping ends support: 100
- Fertilizer flow rate: 100 ml per minute
- Country of Origin: Sri Lanka



# Promoting Sustainable Gardening



## Resource Efficiency

Uses water, nutrients, and energy efficiently to reduce waste while maximizing plant health.



## Electricity Conservation

Delivers water slowly and directly to plant roots, reducing pump energy.



## Soil Health

Soil becomes nutrient-enriched in home gardens.



## Water Conservation

Drip irrigation systems minimize water use up to 60%.



# Implementations



**Cultivations  
(indoor/outdoor)**



**Bonsai plants**



**Landscaped  
Garden**



**Hanging plants  
& planters**



**Kitchen  
gardens**



**Vertical  
gardens**





**Balcony  
Gardens**



**Terrace &  
rooftop  
gardens**



**Office plant  
decorations**



**Live walls &  
green walls**



**Greenhouses &  
poly tunnels**



**Poultry  
farms**

**and many more...**



**Thank You for Your  
Attention!**

**Contact Us**



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PlantFEED