



PADDY SENSE

Supporting Sustainable Paddy Cultivation

Paddy Sense is an advanced smart irrigation automation controller designed specifically for paddy cultivation. It **intelligently monitors water levels** and **automatically controls irrigation**, ensuring the right amount of water at the right time. This helps farmers improve water efficiency, reduce labor, and **enhance crop productivity** through smart, precision irrigation

Technology



Connectivity



Maintain **Water Level**
in the Paddy field



Easy Installation



Support
Mobile App
& **Web APP**



Paddy Sense
Controller
Side view



Top View



Version 1.0

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FEATURE HIGHLIGHTS

- Intelligent water level monitoring
- Automatic irrigation control *
- Remote monitoring via mobile application
- Reduced water and electricity consumption
- Lower labor requirements
- Improved crop health and yield
- Reliable performance in paddy field conditions

* Irrigation automation controller should be added.

TECHNICAL SPECIFICATIONS



Battery:
3.7v 5200 mAh



Solar panel:
9v/6w



Back up time:
48 hours



Cloud Communication:
5G/LTE GSM Network



Local Communication:
Bluetooth



Inbuilt **GPS**

Helps minimize **prolonged water stagnation**, supporting farming practices that can May help to reduce methane emissions and promote **sustainable paddy cultivation**.

Supporting the United Nations Sustainable Development Goals (SDGs)

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CLEAN WATER AND SANITATION



13

CLIMATE ACTION



15

LIFE ON LAND



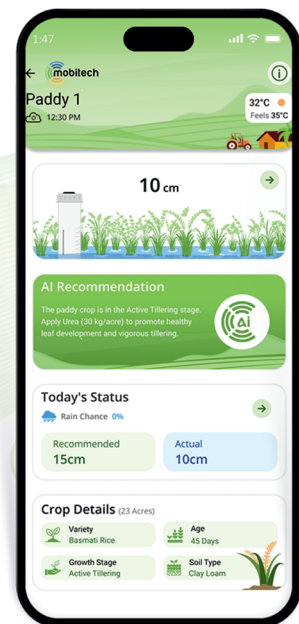
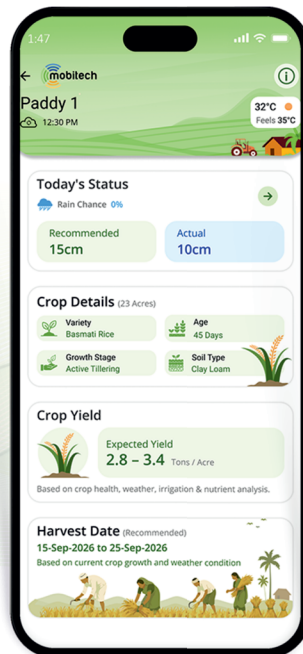
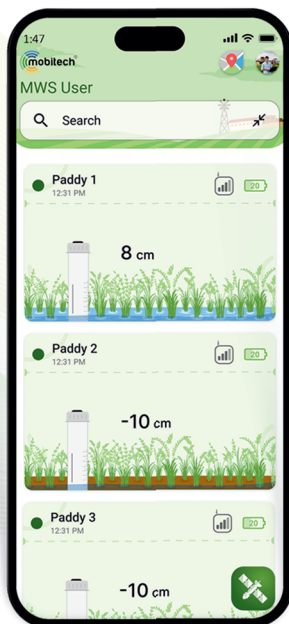
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