9:41

매 🌣 📟

#### Dashboard

Irrigation Fertilizer Planning Dashboard

#### Important Alerts

View All



Meavy rainfall expected tomorrow. Prepare your fields.

1 hour ago

#### Soil Health Overview

Good Moisture

Optimal

**65** %

6.8

Optimal: 60-80%

Optimal: 6.0-7.5

Nitrogen

Good Phosphorus (P)

**65** mg/kg

**30** mg/kg

Potassium Optimal

(K)

Optimal

180 mg/kg

0.9 dS/m

## Irrigation Status



Last Watered: 2 hours ago

Next Scheduled: Tomorrow 8 AM

15 L/min

Pressure:

Flow Rate:

2.5 bar

**Water Now** 

## Weather Information

30°C

Sunny

ന 20% Rain

⇒ 10 km/h

9 AM 12 PM 3 PM 6 PM

28°C 32°C 29°C 25°C











### Irrigation Control

Dashboard

Irrigation Fertilizer Planning



## Current Irrigation Status

ACTIVE

Water Level

75%

(S) Last watered: 2 hours ago

#### Manual Control

**START** 

Tap to manually start the irrigation system.

#### Al Recommendations

Al is analyzing soil data to provide the best irrigation schedule. Consider a light watering cycle soon.

Analysis Progress



#### Water Harvesting Status

85% Full

Optimal

Current storage level is optimal for usage.

## System Connectivity

Online Status

Connected

Voice Feedback

Active











#### Fertilizer Recommendation

Dashboard Irrigation Fertilizer Planning



#### Nitrogen (N)

Optimal

**65** mg/kg

Good levels, proactive monitoring

Essential for vigorous plant growth and leafy development. It contributes to chlorophyll production.

## Phosphorus (P)

Warning

mg/kg

Consider P-rich fertilizer

Crucial for root development, flowering, and fruiting. Supports energy transfer within the plant.

## A Potassium (K)

High

180 mg/kg

Stable levels, no action needed

Aids in water regulation and disease resistance. Important for overall plant strength.

pH Level

Optimal

Slightly acidic, ideal range

6.8

pH range is crucial for nutrient absorption.

Ensures nutrient availability for plants. Ideal

## Application Fertilizer Type

Recommended Fertilizer

Urea (46-0-0)

Dosage

25 kg per acre

Timing

phase.

Apply next week during pre-sowing

Predicted

Impact

15% Increase in yield predicted

## Alerts & Reminders

**Apply Recommendation** 

(!) Check for early signs of leaf nutrient deficiency in your farm fields. Apply preventive measures.



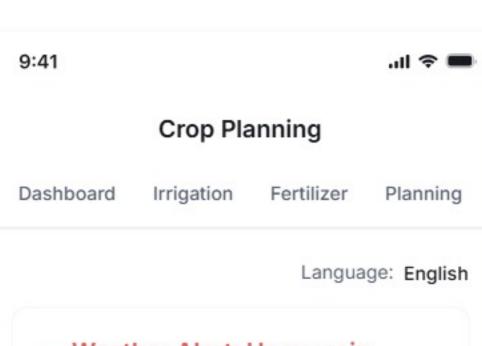




Fertilizer





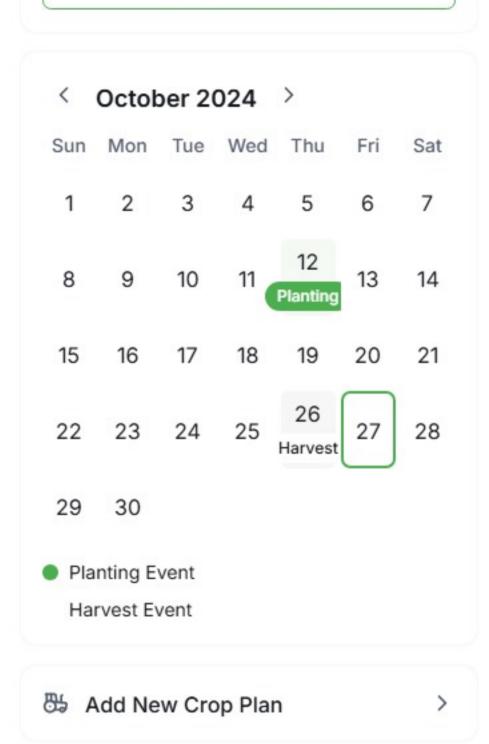


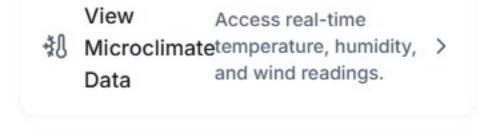
# Weather Alert: Heavy rain expected tomorrow

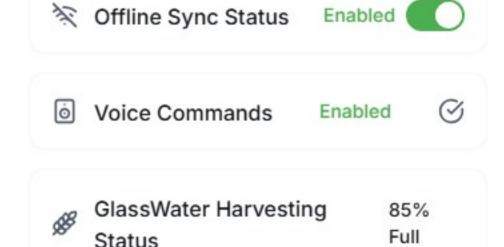
Be prepared for potential flooding in low-lying areas. Protect young crops.

Consider reinforcing drainage systems and applying protective covers to vulnerable plants to mitigate damage from heavy rainfall and strong winds.

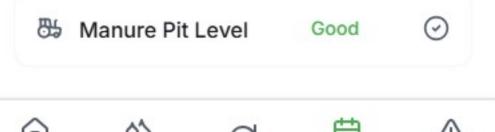
View Detailed Forecast







Optimal current storage level is good for usage.



Irrigation Fertilizer



#### Emergency Assistance

Dashboard

Irrigation Fertilizer

Planning



## System Alert: Urgent!

Heavy rainfall and strong winds expected in your region. Secure property and prepare for power outages.



Call Helpline



Report/Damage ID



Weather Alerts



Market Price Alerts



**Electricity Monitor** 



Pump Control



Tap for Voice Command



Offline Mode















