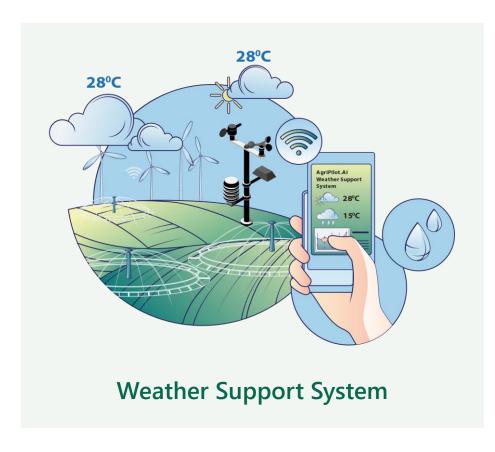


An Al-powered weather intelligence tool that delivers real-time forecasts, extreme weather alerts, and data-driven recommendations to help farmers optimize planning and protect crops.

## Stay Updated about Weather, Stay Ahead in Farming/ Smart Weather Insights, Smarter Farming Decisions!



Weather Pilot is an advanced AI-powered platform that provides realtime weather monitoring, most accurate forecast, and predictive insights to help farmers make informed agricultural decisions. By integrating satellite data, IoT sensors, and machine learning algorithms, the system offers localized weather forecasts, early warnings for extreme weather conditions, and data-driven recommendations for irrigation, fertilization, and pest control.

## **Key Benefits**



**Real-Time Weather Monitoring:** Provides up-to-date local weather conditions with Al-enhanced forecasts.

Accurate Weather
Predictions: Helps farmers
plan farming activities based
on precise short-term and
long-term forecasts.





## **Extreme Weather Alerts:**

Sends early warnings for storms, droughts, floods, and frost to prevent crop damage.

**Irrigation & Fertilization** Planning: Optimizes water and fertilizer usage based on weather predictions, reducing waste and costs.





## **Pest & Disease Prevention:** Predicts pest outbreaks linked to weather conditions and recommends preventive

measures.

Climate Resilience: Assists in adapting farming practices to changing climate conditions for long-term sustainability.







