

ASSET LIGHT AI-BASED PLATFORM FOR FARM & AGRIBUSINESS SOLUTIONS

Domain: Agri-technology & Agri-inputs

Technology:

A mobile app/smart kiosk based service built on proprietary asset light AI-based model with almost no setup cost for predictive information at almost no turnaround time for farmers and agribusinesses. This technology enables optimal use of agro-chemicals, provides localized weather details, and help in effective use of irrigation system. This technology allows multi-stakeholder engagement at affordable prices.



Technology Status:

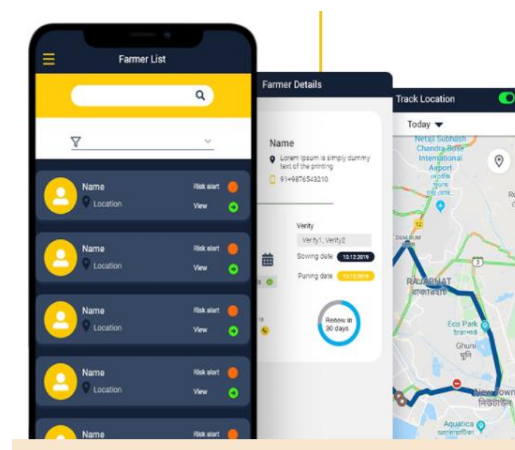
Product is ready and deployed through several multinational companies, not-for-profit organizations, and Indian state governmental agencies.

Value Proposition:

The overall AI in agriculture market is projected to grow from USD 1.0 billion in 2020 to USD 4.0 billion by 2026 at a Compound Annual Growth Rate (CAGR) of 25.5%.

Technology Features:

- Device agnostic AI-based platform
- Plot level risk info
- Plot level historical data related to practice
- Farm level weather data
- Text & video chat option with farmer
- Realtime visibility over designated farms
- Farm level risk data
- In app calling facility
- Farm wise information update
- Facility & digital record management



Applications:

- Hyper local weather forecasting
- Diseases forecasting – plant protection (AI-driven)
- Fertigation and soil nutrition information
- Product traceability improvement

Market Potential:

- Direct sale to Agri processor, Farmer consortium, Agri input companies, Individual Farmers, Agri Insurance companies, and
- Business-to-business sales to companies and government agencies.

Requirements: We are offering commercialization opportunities for the technology