



Codifying Farm knowledge into Predictive Power

The Problem

Agriculture faces an existential knowledge crisis due to the retirement of veteran farm managers, who take with them irreplaceable farm-specific knowledge ("Agri- DNA"). This loss of expertise creates a critical point of failure in seasonal planning, that leads to high yield volatility, and ultimately threatens the stability of the food supply chain. Furthermore, this uncertainty drives up risk and financing costs from banks and insurers.

The Solution

JACOB-AI rebuilds agricultural intelligence by capturing localized human expertise and seamlessly merging it with farm data. We convert intuition into an explainable, continuously learning, data-driven system that guides the entire seasonal planning cycle. This solution preserves knowledge before it vanishes and ensures that all operational decisions are precise, optimized, and resistant to human error.

Value Proposition

JACOB-AI offers Predictive Certainty and generates Full-Cycle Profit Optimization for its users. The system's cost is low (annual SaaS model), but the resulting annual benefit, proven in global pilots, significantly outweighs the expense. Crucially, the system creates a deep proprietary Knowledge Moat that ensures near-zero churn and generates a High Customer Lifetime Value (LTV), establishing a robust, long-term partnership with the farm.

Go-to-Market - Annual SaaS Per-Acre Fee.

Strategic Partners - Agri-Fintech (Banks & Insurers); OEMs (Equipment Manufacturers); Agricultural Associations.

