AgriVision AI:

Revolutionizing Crop Health & Market Access for Farmers

Pioneering the future of sustainable agriculture through intelligent technology.

The Global Challenge: Crop Losses Threaten Food Security

1

Staggering Losses

The FAO estimates **20-40%** of global crop production is lost annually to pests and diseases, jeopardizing food supplies worldwide.

2

Economic Devastation

Plant diseases alone account for over **$220 billion** in economic losses yearly, deeply impacting agricultural economies.

3

Ineffective Methods

Traditional detection methods are often **slow, costly, and inaccurate**, leaving farmers vulnerable and unable to respond in time.

Introducing AgriVision AI: Smart Image Recognition Meets Precision Agriculture

AgriVision AI is an innovative solution that empowers farmers with advanced tools to protect their crops and optimize their yields.

- **AI-Powered Detection:** Utilizes AI-powered image recognition to detect pests and diseases at their earliest stages directly via smartphone photos.

- **Deep Learning Accuracy:** Our system uses deep learning models trained on vast plant health databases, ensuring highly accurate diagnoses across diverse crop types.

- **Tailored Recommendations:** Recommends approved, eco-friendly medicines and treatments specifically tailored to identified issues and local agricultural regulations.

Real-Time, On-the-Go Diagnosis & Treatment Recommendations

01

Snap & Upload

Farmers simply upload photos of affected plants using their smartphone.

02

Instant Analysis

Our AI instantly analyzes images, identifying issues with high accuracy.

03

Actionable Plans

Receive immediate, actionable treatment plans, including dosage and safety guidelines.

This real-time capability enables early intervention, leading to a significant reduction in crop losses (up to 30%) and a decrease in pesticide overuse (up to 50%).

Integrated Marketplace: Connecting Farmers to Trusted Suppliers

Our integrated marketplace offers a seamless platform for farmers to directly purchase recommended medicines and agricultural inputs.

Direct Procurement

Purchase exact products recommended by AgriVision AI.

Global & Local Reach

Access a network of trusted local and global suppliers.

Competitive Pricing

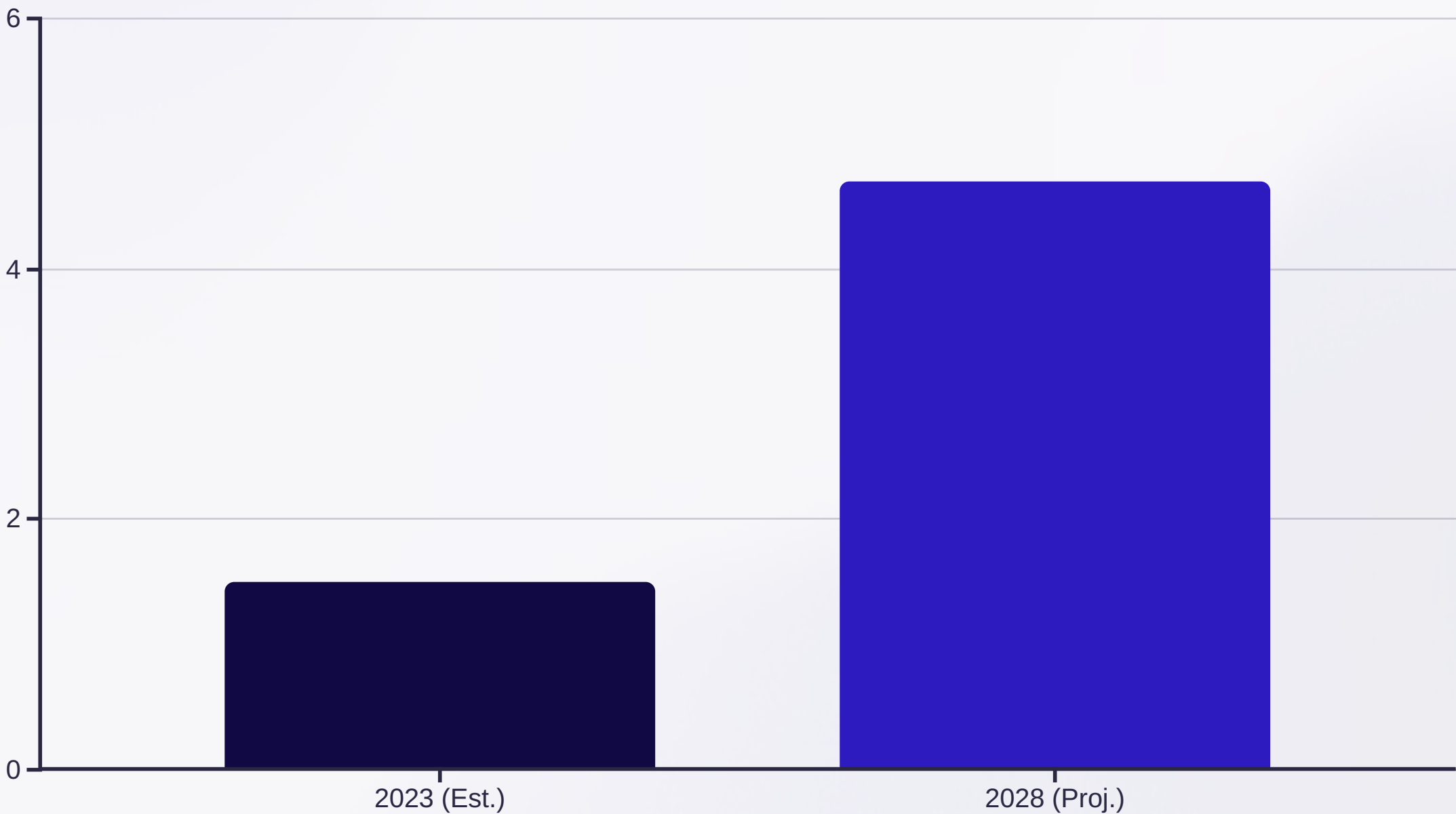Ensure availability and competitive pricing for all products.

Proven Technology & Impact: Success Stories & Metrics

Our approach is built on proven technologies that have demonstrated tangible results in agricultural settings worldwide.

30%

Crop Loss Reduction

Fermata's Croptimus platform achieved up to 30% crop loss reduction and halved scouting costs for growers.

90%

Diagnosis Accuracy

The Tumaini app reached 90% accuracy in detecting banana pests and diseases across multiple countries.

50%

Pesticide Use Decrease

AI pest control systems have reduced pesticide use while significantly increasing yields, exemplified by almond growers cutting moth populations by billions.

Market Opportunity & Growth Potential

The agriculture AI market is booming, projected to reach **$4.7 billion by 2028** with a remarkable **22.5% CAGR**. Over 70% of farmers using AI apps report earlier disease detection than traditional methods, highlighting a clear demand for advanced solutions. This trend underscores a growing need for sustainable, precision farming solutions globally.

Competitive Edge: Why AgriVision AI Stands Out

> "AgriVision AI isn't just another app; it's a comprehensive ecosystem designed for the modern farmer."

Integrated Solution

Combines cutting-edge image recognition with an integrated e-commerce marketplace, offering a complete farm-to-market solution.

Inclusive Crop Support

Supports diverse crops, including local and minor varieties often neglected by competitors, ensuring broad applicability.

Accessibility

Features offline functionality and multilingual support, crucial for remote and underserved farming communities worldwide.

Business Model & Revenue Streams

AgriVision AI is built on a sustainable business model with diversified revenue streams.

Farmer Subscriptions

Tiered access plans for diagnostics and marketplace features.

Marketplace Commissions

Percentage-based commission on transactions with trusted agrochemical partners.

Data Insights & Analytics

Valuable insights and analytics services for agribusinesses and extension services.

Join Us in Empowering Farmers & Securing Global Food Supply

We invite you to invest in AgriVision AI and be a part of transforming agriculture with smart, sustainable technology.

- Together, we can significantly reduce crop losses, lower chemical impact, and improve farmer livelihoods worldwide.

- Let's cultivate a healthier, more resilient future for farming communities and the world.