



KrishiOS

AI-Powered Modern

Agriculture

Management

Platform

One platform for crops, livestock, marketplace, and AI solutions

Made by : Sohan

The Challenge Facing Bangladeshi Farmers



Limited Access

Lack of quality seeds, fertilizers, and proper guidance

Crop & Livestock Disease

Severe losses from undetected plant and animal illnesses

Market Information Gap

No reliable data on prices, demand, or trusted sellers

Technology Barrier

Complex tools not designed for rural Bengali speakers

Introducing KrishiOS

A Bangla-first, mobile-friendly digital farming assistant that unifies crop management, livestock care, marketplace access, and AI-powered insights into one simple platform.

01

Designed for Farmers

Simple Bangla interface with voice input and visual icons

02

Complete Farm Solution

Manage everything from seeds to sales in one place

03

AI-Powered Intelligence

Smart recommendations based on your specific needs



Crop Management Features



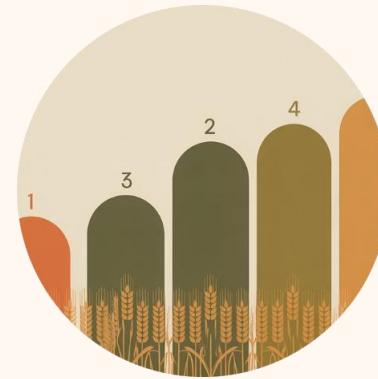
Smart Seed Selection
Personalized recommendations based on soil type, season, and climate data



Fertilizer Planning
Optimized nutrient schedules to maximize yield and minimize waste



AI Disease Detection
Instant diagnosis via photo upload with treatment recommendations



Yield & Profit Forecasting
Accurate production estimates and revenue projections for planning

Livestock Management System



Poultry Management

Track chickens, ducks, and eggs with automated feeding schedules



Cattle Care

Monitor cows, buffalo with milk production tracking and health alerts



Small Livestock

Manage goats, sheep with breeding cycles and weight monitoring



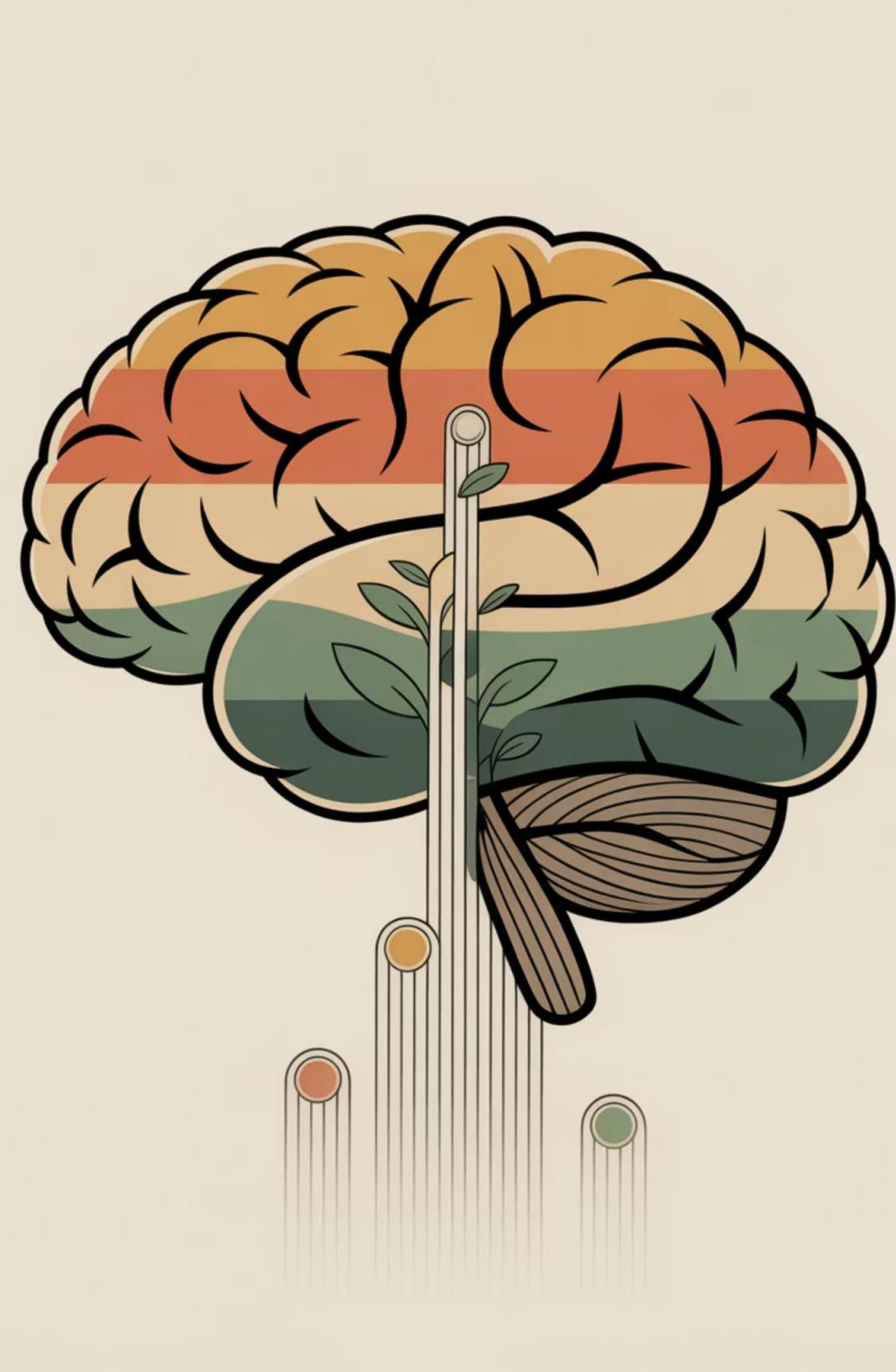
Specialty Birds

Pigeon farming with pairing recommendations and health tracking

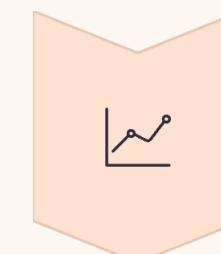


Comprehensive Features

- Automated feed planning and cost optimization
- Vaccination schedules with reminder notifications
- Disease symptom detection and treatment guidance
- Production tracking for milk, eggs, and meat



AI-Powered Decision Intelligence



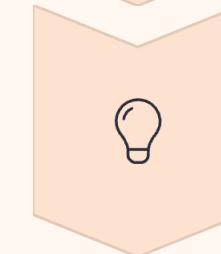
Yield Prediction

Machine learning forecasts for crop and livestock production



Peer Comparison

Benchmark your farm against similar operations in your region



Input Optimization

Precise recommendations for feed, fertilizer, and resource allocation



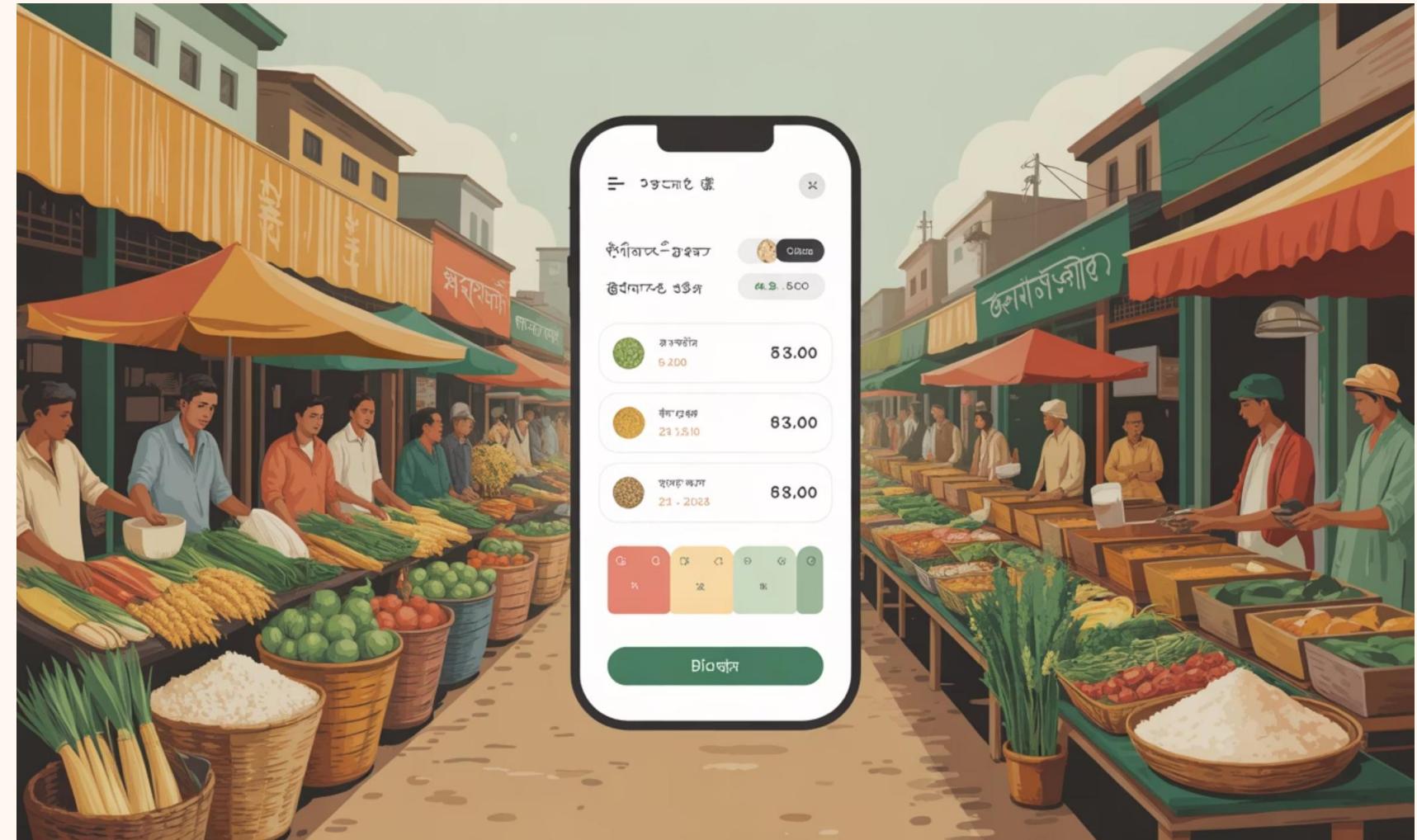
Explainable AI

Clear explanations in Bangla: "Why this recommendation?"

Trusted Marketplace Integration

Connect with Verified Sellers

Access a curated network of quality agricultural suppliers with transparent pricing and community-verified ratings.



Seeds & Fertilizers

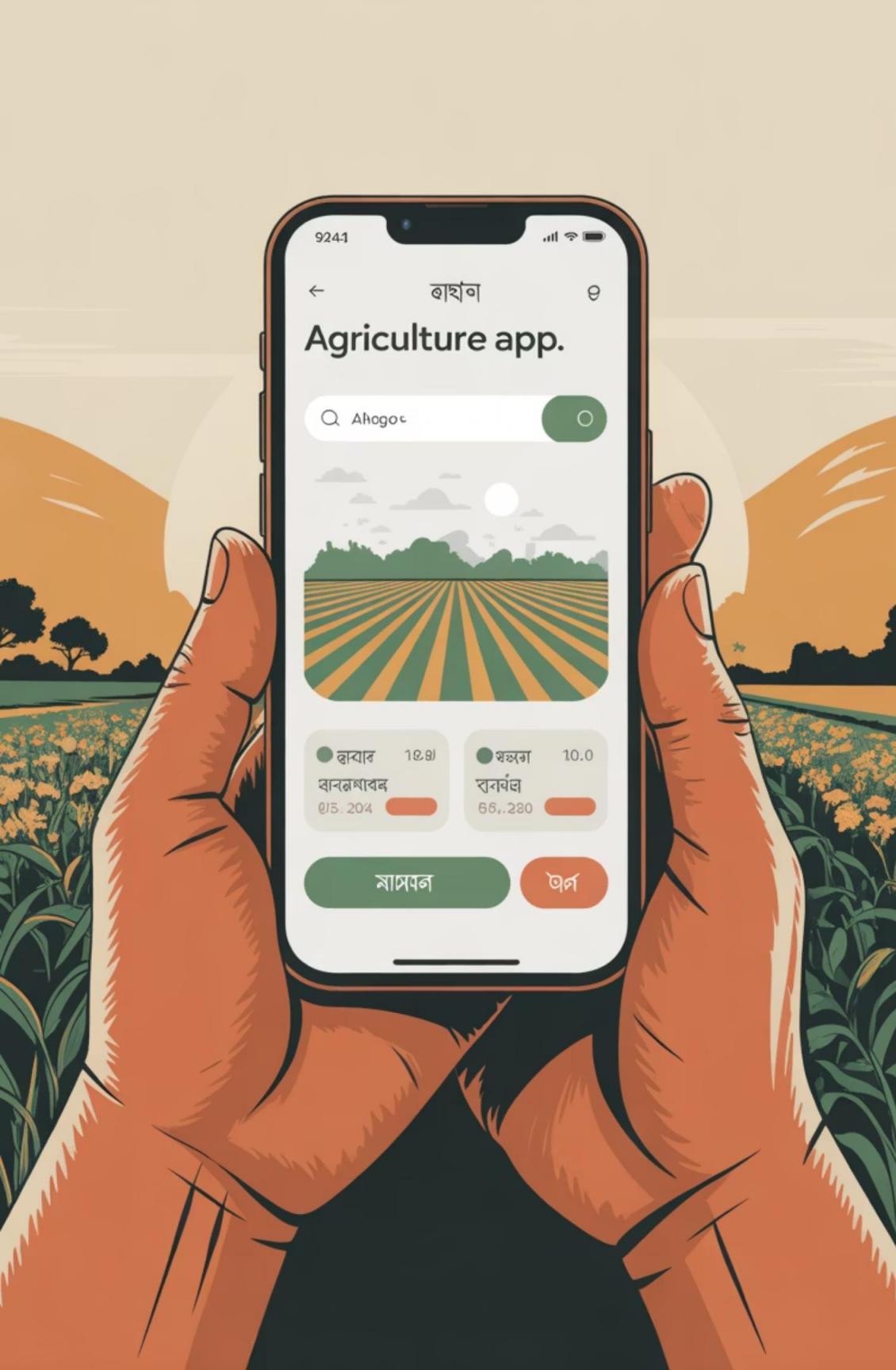
Compare prices from certified vendors

Animal Feed

Quality feed suppliers with delivery options

Community Reviews

Farmer ratings and fraud warnings



Why Bangla-First Design Matters



Native Language

Complete Bangla interface removes language barriers for rural farmers



Voice Input

Speak naturally in Bangla instead of typing complex terms



Visual Navigation

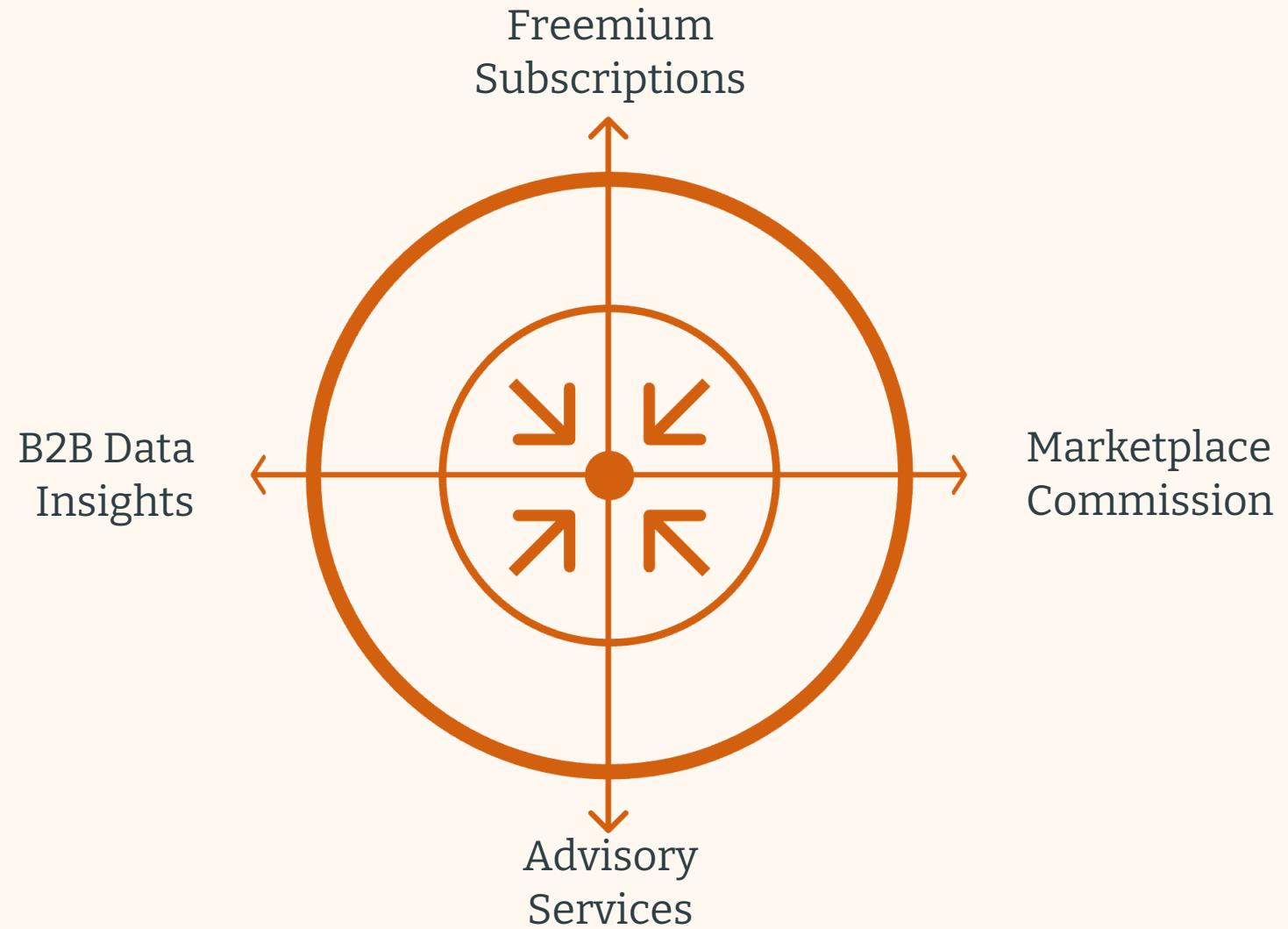
Icon-based design for users with limited literacy



Technology Without Fear

Familiar language builds confidence and adoption

Revenue Model



Sustainable growth through diversified income sources aligned with farmer success.

Monetization Strategy

- **Free Tier**: Basic features for all farmers
- **Premium**: Advanced AI, unlimited tracking, priority support
- **Marketplace**: Small commission on verified transactions
- **Advisory**: Expert consultation services
- **B2B Data**: Anonymized insights for agribusinesses and NGOs



Transforming Bangladesh Agriculture

KrishiOS: The Farmer's Digital Companion

30%

Production Increase

Through optimized inputs and AI recommendations

25%

Cost Reduction

Efficient resource use and marketplace transparency

40%

Disease Prevention

Early detection saves crops and livestock

50%

Income Growth

Higher yields with lower costs means better livelihoods

Smart farming for a smarter Bangladesh. Empowering every farmer with technology, knowledge, and opportunity — all in their native language.