



# FARMVERTEX INTELLIGENCE

AI-DRIVEN AGRICULTURAL MARKET DECISION  
INTELLIGENCE PLATFORM SYSTEM

PRESENTED  
BY: FARMVERTEX  
INTELLIGENCE



# AGENDA

- ❖ Agricultural reality & market problem
- ❖ Gap in existing solutions
- ❖ Farmvertex-intelligence concept
- ❖ How the platform works
- ❖ AI intelligence engine
- ❖ Demo overview
- ❖ Impact & vision

# AGRICULTURAL REALITY

## INDIA

- ❖ 146 MILLION FARMERS
- ❖ 55% POPULATION DEPENDS ON AGRICULTURE
- ❖ 10 BILLION DOLLARS + CROPS LOSSES YEARLY IN INDIA

## TAMILNADU

- ❖ 8-9 MILLION FARMERS IN TAMILNADU
- ❖ 1.2 BILLION DOLLARS + LOSSES TAMILNADU
- ❖ LOTS OF LOSSES DUE TO CLIMATE DAMAGE
- ❖ 30% OF FRUITS & VEGETABLES SPOILED AFTER HARVEST

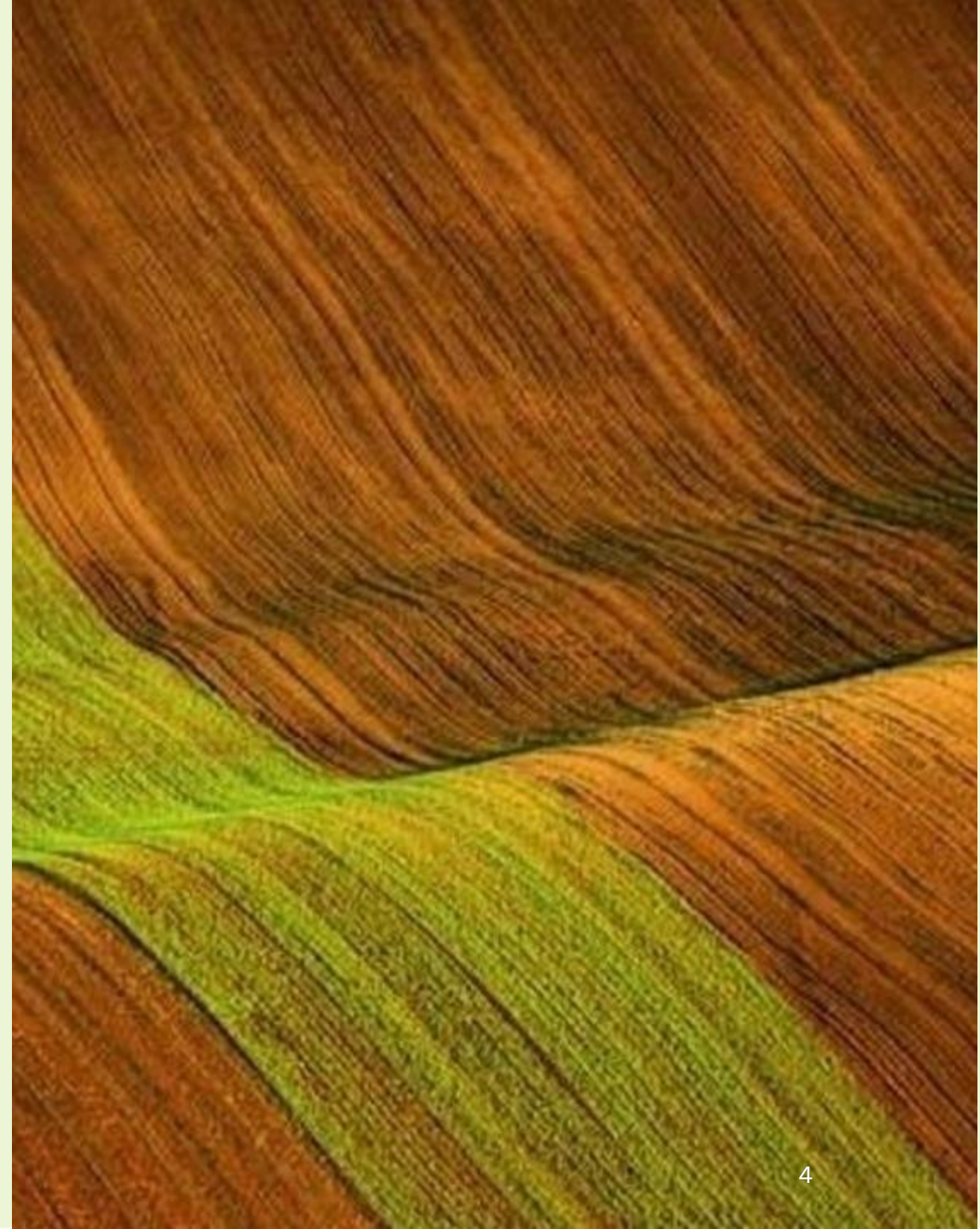
# CORE PROBLEM

## THE MARKET GAP

- ❖ FARMERS PRODUCE WITHOUT REAL DEMAND VISIBILITY
- ❖ INDUSTRIES FACE UNSTABLE RAW MATERIAL SUPPLY
- ❖ MARKET SIGNALS ARE DELAYED AND FRAGMENTED

## RESULTS

- ❖ PRICE CRASHES
- ❖ CROP WASTAGE
- ❖ INCOME INSTABILITY



## LIMITATIONS IN CURRENT SOLUTIONS

- TRADING PLATFORMS FOCUS ONLY ON TRANSACTIONS
- ADVISORY APPS IGNORE INDUSTRIAL DEMAND
- LOGISTICS PLATFORM FOCUS ONLY ON TRANSPORT MISSING
- A NEUTRAL INTELLIGENCE SYSTEM CONNECTING THE ENTIRE VALUE CHAIN

# FARMVERTEX INTELLIGENCE

**OUR SOLUTION**

## AN AI-DRIVEN DECISION PLATFORM

- CONNECTS FARMERS AND INDUSTRIES
- ANALYZES THE FULL VALUE CHAIN
- PROVIDES DEMAND AND RISK INSIGHTS

**CORE IDEA  
CLARITY, NOT CONTROL**



## HOW IT WORKS

INDUSTRIES POST RAW  
MATERIAL DEMAND

FARMERS VIEW NEARBY  
AND FUTURE DEMAND

AI ANALYZES

- PRODUCTION TRENDS
- MARKET DEMAND
- SOIL AND CLIMATE

OUTPUT

- DEMAND SIGNALS
- CROP SUGGESTION
- RISK ALERTS

# AI INTELLIGENCE ENGINE

## TWO AI MODULES

### 1. MARKET INTELLIGENCE

- TRACKS FARM PRODUCTION
- MONITORS INDUSTRIAL DEMAND
- ANALYZES FINAL PRODUCTS
- STUDIES CONSUMER MARKET TRENDS
- GENERATES REAL DEMAND SIGNALS
- DOWN STREAM PRODUCT ANALYZES
- PRODUCTION VS DEMAND
- STABILITY INDICATOR

### 2. AGRONOMIC INTELLIGENCE

- SOIL ANALYSIS
- CLIMATE SUITABILITY
- CROP MATCHING
- RISK ALERTS FOR CROP CHOICES

### FINAL OUTPUT

- DEMAND FORECASTS
- CROP SUGGESTIONS
- MARKET STABILITY ALERTS
- PLANNING INSIGHTS

# PLATFORM DEMO

FARMERS

INDUSTRY

INSTITUTION



# IMPACT



## FARMERS

- ❖ BETTER CROP PLANNING
- ❖ REDUCED PRICE SHOCKS
- ❖ STABLE INCOME
- ❖ SAVING THE AGRICULTURE FAMILY

## INDUSTRIES

- ❖ PREDICTABLE SUPPLY
- ❖ BETTER PRODUCTION PLANNING

## FOR SOCIETY

- ❖ REDUCED WASTAGE
- ❖ TRANSPARENT MARKETS
- ❖ SUSTAINABLE AGRICULTURE
- ❖ SAVING THE FUTURE GENERATIONS

## VISION

A GLOBAL AGRICULTURAL  
INTELLIGENCE NETWORK  
CONNECTING LOCAL PRODUCTION  
WITH WORLDWIDE DEMAND AND  
SAVING THE FUTURE GENERATION OF  
AGRICULTURE

"WHEN FARMERS SEE REAL DEMAND,  
MARKETS BECOME STABLE."

THANK YOU

