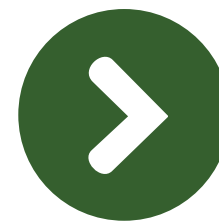




Agriculture & Opportunity



**Supporting Farmers
Through Innovation**



TABLE OF CONTENTS

- Problem
- Solution
- Operations



- Market & Competition
- Strategy & Expansion
- Financials



THE PROBLEM

- Limited tech access
- High labor costs
- 30–40% post-harvest loss
- Affordability barrier



- +15–25% yield
- –20–30% water use
- Improve supply chain
- Enable expansion

← **OBJECTIVE**

REASON FOR EXPANSION



- Enter higher-demand markets
- Improve supply chain efficiency
- Increase access to premium buyers



AGRONOMY

- Irrigation systems (water efficiency)
- Fertilization (nutrient management)
- Equipment maintenance
- Labor optimization
- Foundation for yield improvement



OPERATIONS:



SOIL PREPARATION + CROP ESTABLISHMENT



- Tractors & tillage equipment \$25k-100k
- Soil conditioning \$10k-50k
- Precision seeders \$10k-50k
- Stronger crop establishment

OPERATIONS: IRRIGATION

- **Drip irrigation systems**
\$1k-5k per acre
- **Moisture sensors \$500-2k per unit**
- **Automated water control**
\$2k-10k
- **-20-30% water use**



OPERATIONS: FERTILIZATION

- Fertigation systems \$5k-25k
- Nutrient injectors \$1k-10k
- Controlled delivery
- Higher yield consistency



OPERATIONS: HARVEST

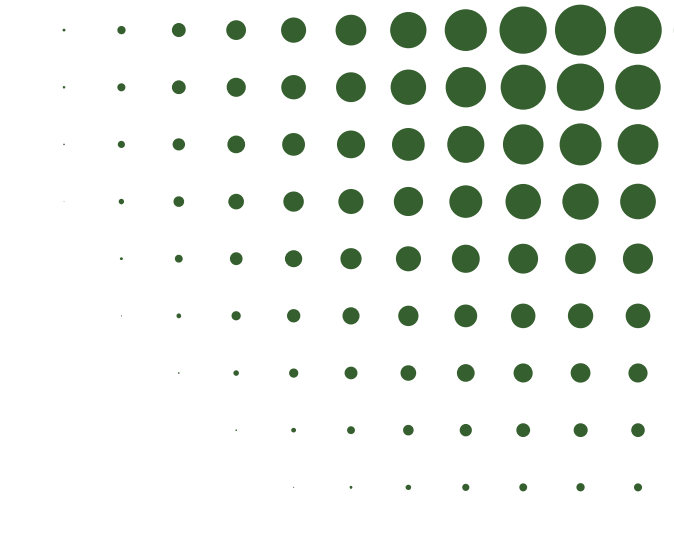
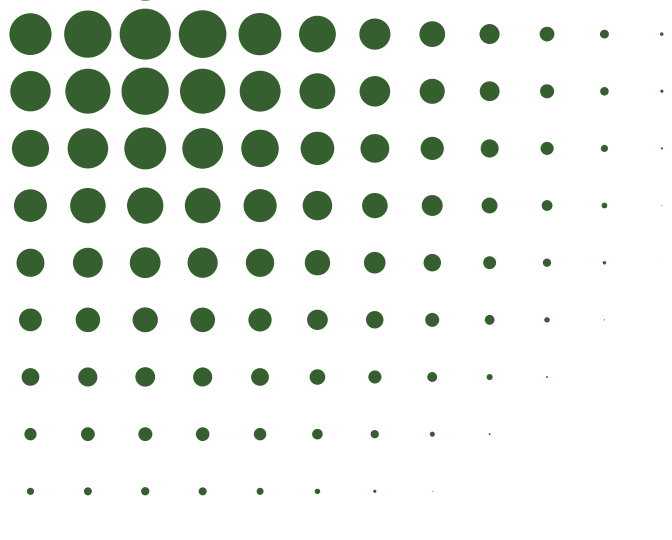
- **Mechanical harvesters**
\$50k-300k
- **Faster collection**
- **Reduced labor dependency**
- **+30–50% efficiency**
- **Cost is between 50,000-300,000**



OPERATIONS: POST-HARVEST

- **Sorting & grading machines \$30k-150k**
- **Cooling systems (cold storage) \$20k-100k**
- **Packaging lines \$10k-50k**
- **Waste reduction**





OPERATIONS: LABOR & MACHINERY

- Tractors & tillage equipment
- Mechanical harvesters
- Planters / seeders
- +30–50% efficiency
- Higher output per machine



OUR SOLUTION

- Machinery Access Program
- Shared equipment model
- Tech integration
- Scalable system



MARKET OPPORTUNITY

- U.S. is a major produce importer
- 50%+ fresh produce imported
- Northeast & Midwest demand
- Year-round supply needs





STRENGTHS

- **Location advantage**
- **Scalable model**

WEAKNESSES

- **High initial investment**
- **Affordability challenges**
- **Training required**
- **Technology adoption challenges**



OPPORTUNITIES & THREATS



Opportunities

- Growing demand
- Import dependent markets
- Premium pricing

Threats

- California competition
- Regulations
- Climate risks
- Supply chain disruptions

COMPETITION

- **California = 50–60% U.S. supply**
- **East Coast → import-dependent markets**
- **Midwest → seasonal supply gaps**
- **Canada → 80% imports (winter)**
- **Our advantage: cost + flexibility**



Photo of Salinas Valley

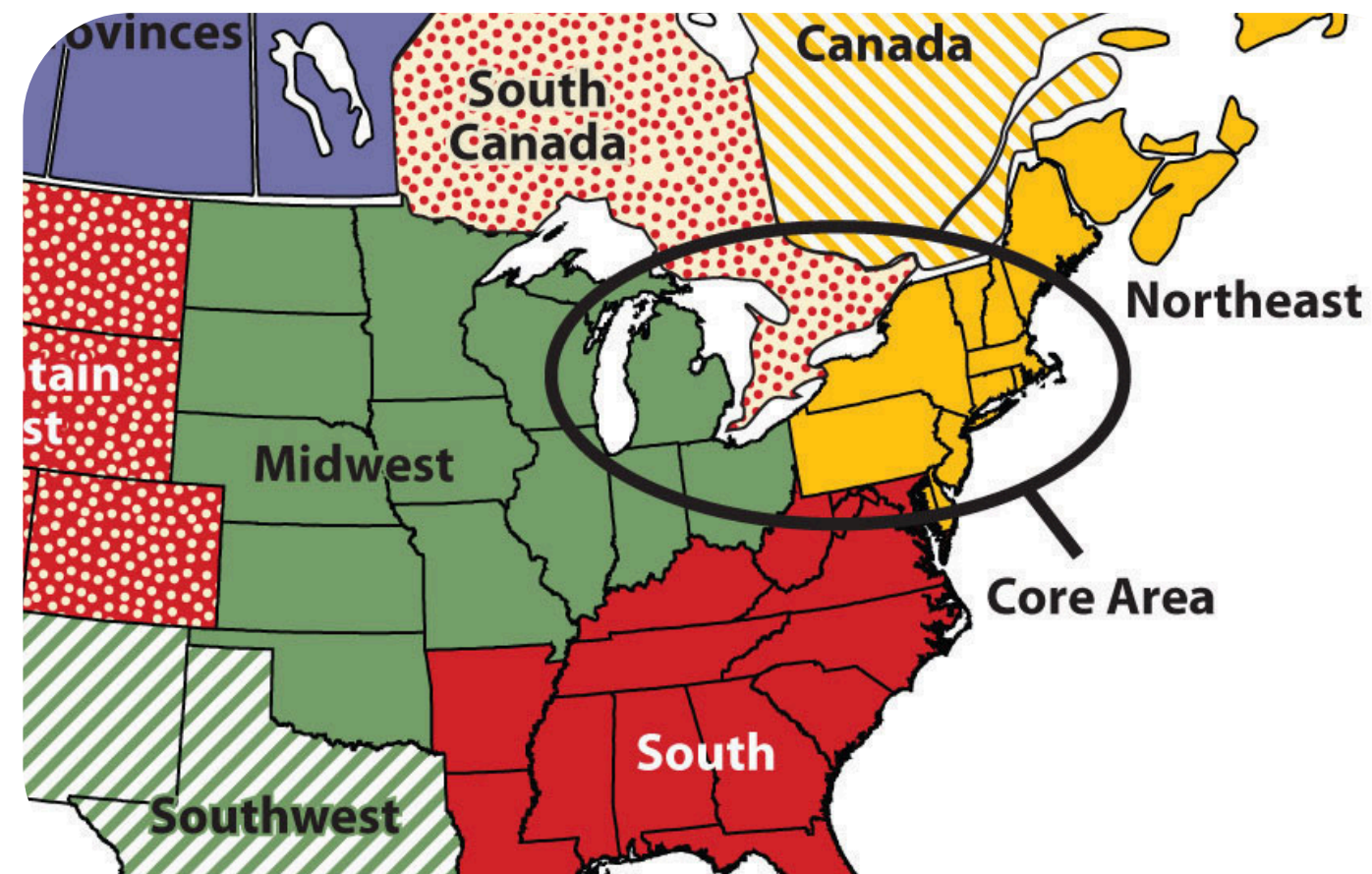


STRATEGY

- Import machinery into Mexico
- Improve production
- Export to U.S. & Canada

MARKET SELECTION AND JUSTIFICATION

- East Coast (U.S.)
- Midwest (U.S.)
- Toronto & Montreal
- NYC / Newark
- Chicago / Detroit
- Toronto / Montreal



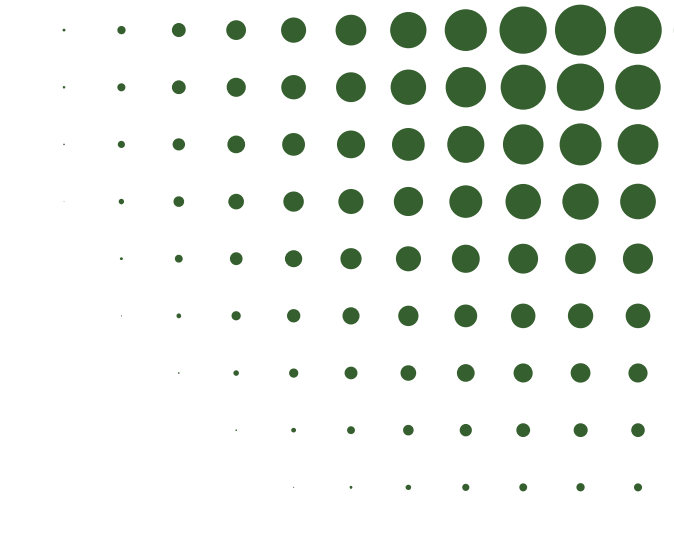
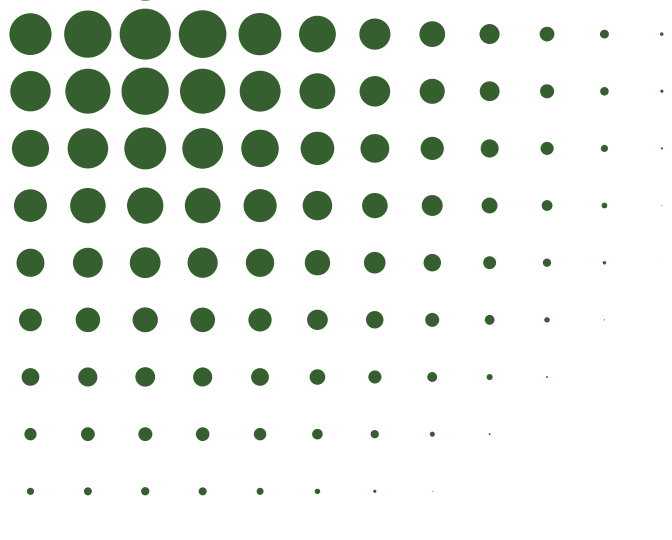
- High demand
- Import dependence
- Less CA dominance

PARTNERSHIPS

- U.S. distributors
- Retail chains
- Logistics providers

Hunts Point Produce Market
Baldor Specialty Foods
Jetro Restaurant Depot

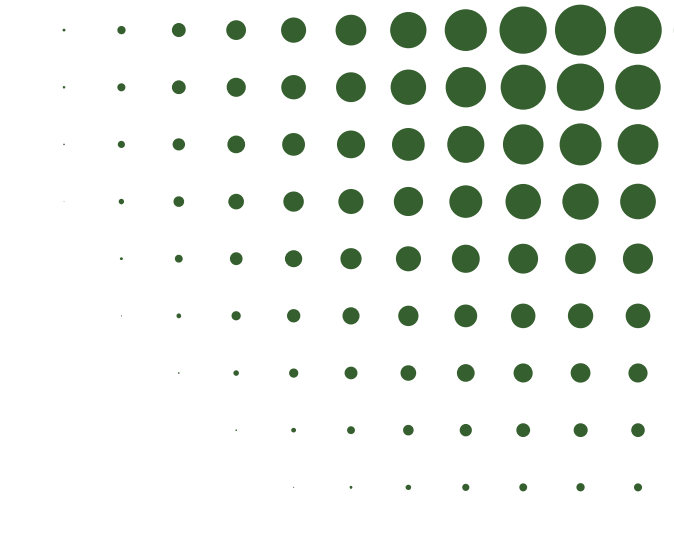
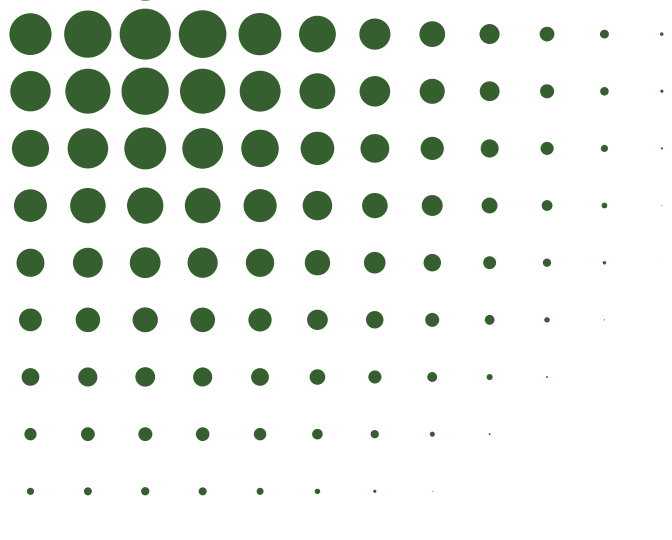




INVESTMENT OPTION 1

\$2.5M Investment (Base Case)

- Machinery + setup
- 40–80 workers replaced
- Annual benefit: \$550K – \$1.7M
- Payback: 2–4 years
- ROI: 25% – 60%



INVESTMENT OPTION 2

\$4.5M Investment (Scaled System)

- Multiple machines + cooling + processing + set up/training
- Annual benefit: \$1.5M – \$4.0M
- Payback: 1.2 – 3 years
- ROI: 30% – 80%

FINAL VISION

- **Cross-border system**
- **Sustainable agriculture**
- **Reduce water usage**
- **Creates new job opportunities**
- **Scalable future**
- **Profitable for farmers and investors**





THANK YOU

