Meet Steph
Leafy Greens
Issues facing a 20 acre small farm

- Health and Comfort
- Time
- Yield/Revenue
- Efficiency

Consumer Need

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“Farming can be backbreaking work as it is, any opportunity you have to minimize or eliminate one form of repetitive stress is going to make workers healthier and happier.”

–Tyson Neukirch, The Farm School
Athol, MA
The Solution
IMPROVE productivity
ADD functionality
MAINTAIN quality
Design Features

1. User Interface
2. Cutting Carriage
3. Collection System
User Interface
Frame
Electronics
Design Features

1. User Interface
2. Cutting Carriage
3. Collection System
Harvesting
Bed Follower
Slotted Sliders
Slotted Sliders
Adjustment Brackets
Design Features

1. User Interface
2. Cutting Carriage
3. Collection System
Collection
Vacuum Collection System
Collection Manifold
Future Steps

1. Powered Drive Assist
2. Standardized Bin Attachment
3. Variable Frame Widths
Business Viability

1. Market Size
2. Cost Breakdown
3. Projected Earnings
**Market Size**

69,172 Vegetable Farms in the US

10,251 are family owned and in the Northeast
Business Viability

1. Market Size
2. Cost Breakdown
3. Projected Earnings
Cost Breakdown

Retail Price/ unit: $2,000
Product Cost / unit: $500
Business Viability

1. Market Size
2. Cost Breakdown
3. Projected Earnings
Projected Net Earnings

IRR: 41%
Break Even Point: Year 2
Thank you

Yellow Instructors

Shop Guys

Professor Wallace

Farm Contacts

TA’s
Yellow Team