# **Crops for Kindness**

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# How might we reduce small farmers' economic losses from unsalable produce?

## **Problem & Key Insights**

- Small farmers lose money by growing **unsalable produce** due to crop damage and market fluctuations
- Number of small farms has **declined by 7%** since 2017 due to economic struggles
- Small farmers provide **food security**, contribute to **local economies**, promote



- crop diversity, and have a relatively low environmental impact
- Unsalable produce is often **edible** but **prone to spoilage**
- Small farmers have **limited access** to canning industry

• We **buy** small farmers' unsalable produce, **freeze** 

• Freeze-dried food is more **lightweight**, nutritious,

market through 2028 as food-grade freeze drying

and **shelf-stable** than canned alternatives

• Projected 8% CAGR for the freeze-dried food

dry it, and distribute it to customers

• Can freeze dry a **wide variety** of crops

# HARVESTRIGHT

### **Unique Value Proposition**

# Provides small farmers access to the freezedried food market

### **Experiments**

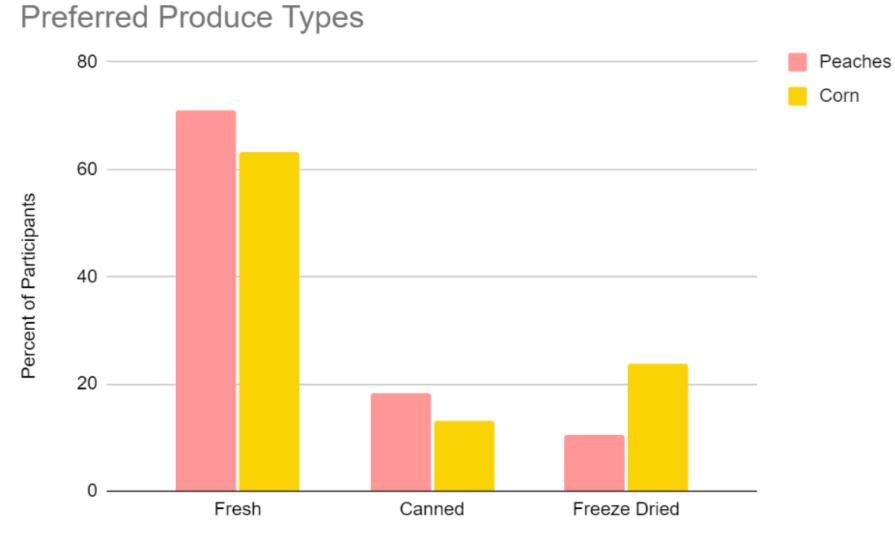
technology advances

**Solution** 

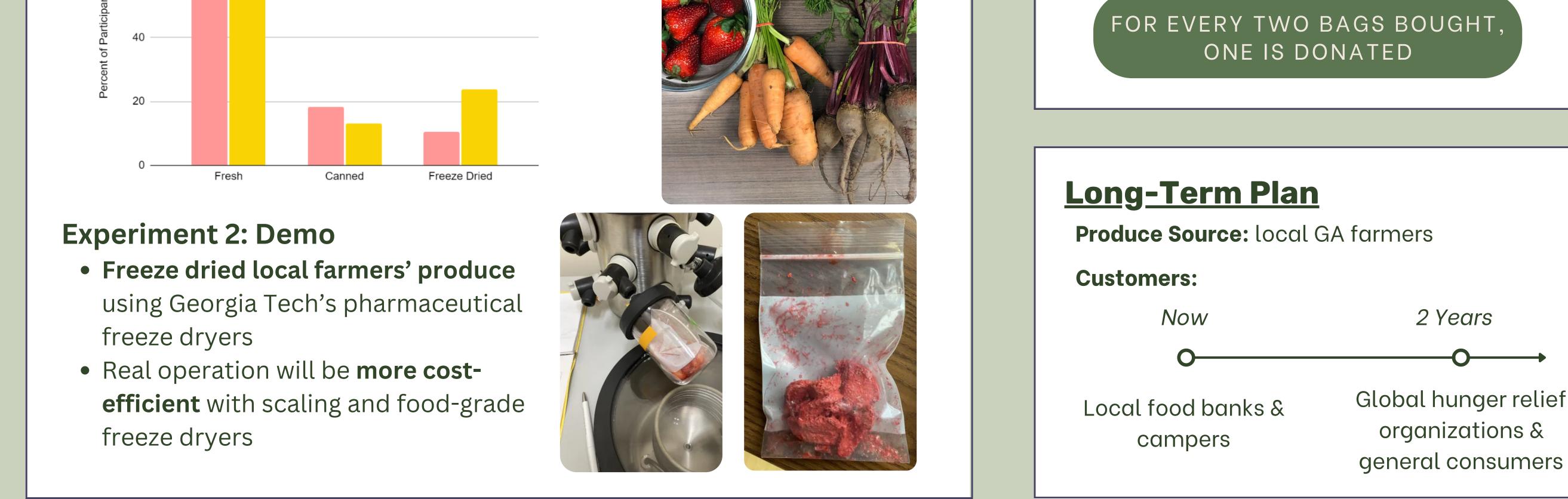
**Experiment 1: Traction Experiment** 

### **Economic Model**

- Sell to consumers to offset costs and
- Freeze-dried produce is **accepted as a healthy snack** by the general public
- Can target specific consumers, like campers, who especially benefit from lightweight food to carry with them



- Freeze dried local farmers' produce using Georgia Tech's pharmaceutical freeze dryers
- Real operation will be **more cost**-

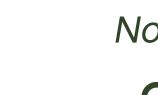


- afford donations
- Investors to address about \$20,000 startup costs
- Can support at least **4 farmers** per season with starting setup
- Each farmer earns an **extra \$500** per growing season



FOR EVERY TWO BAGS BOUGHT, ONE IS DONATED

**Produce Source:** local GA farmers



2 Years

Global hunger relief