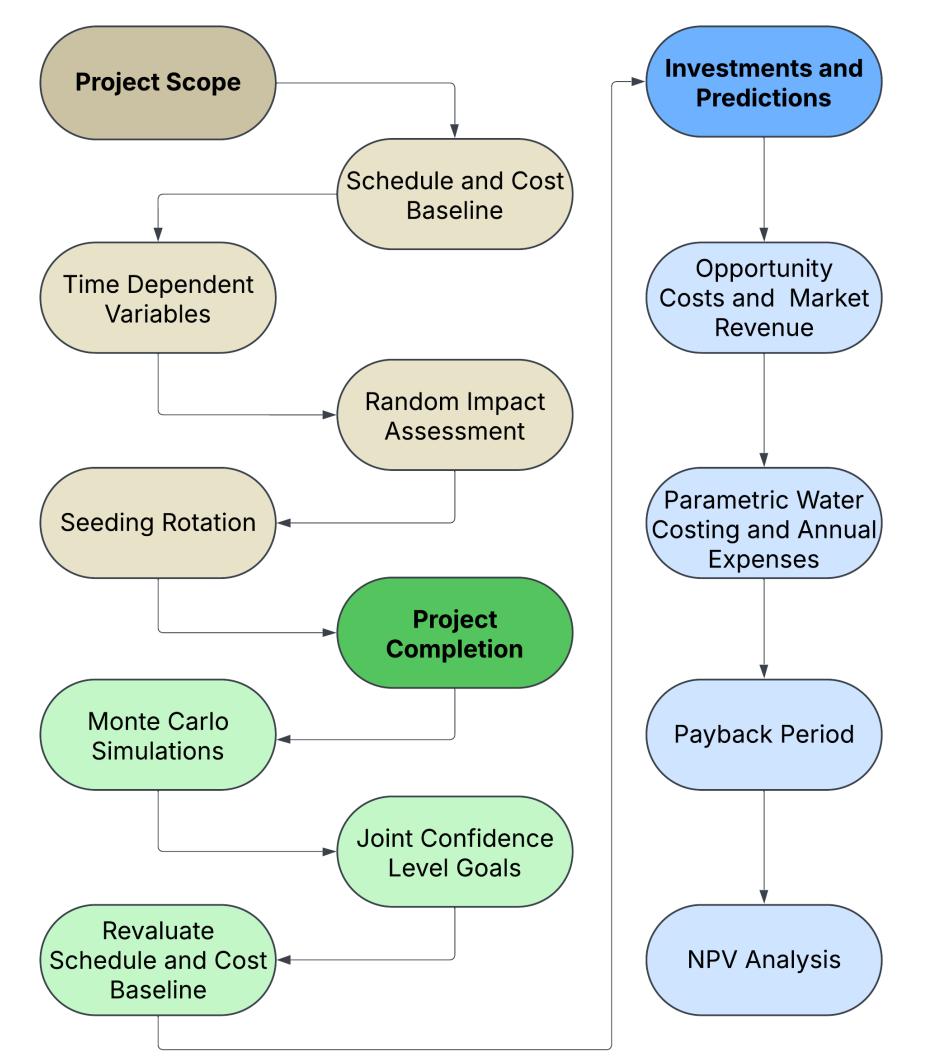
Vegetable Garden Investments in Oklahoma



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BACKGROUND: Vegetable gardens provide abundant food resources, and initial investments could turn positive over time. Based on Oklahoma geography and weather, we simulate a scenario for a garden bed project starting in February 2025 and discuss timeline, risk, budget, and sustainability.

METHODOLOGY



RESULTS

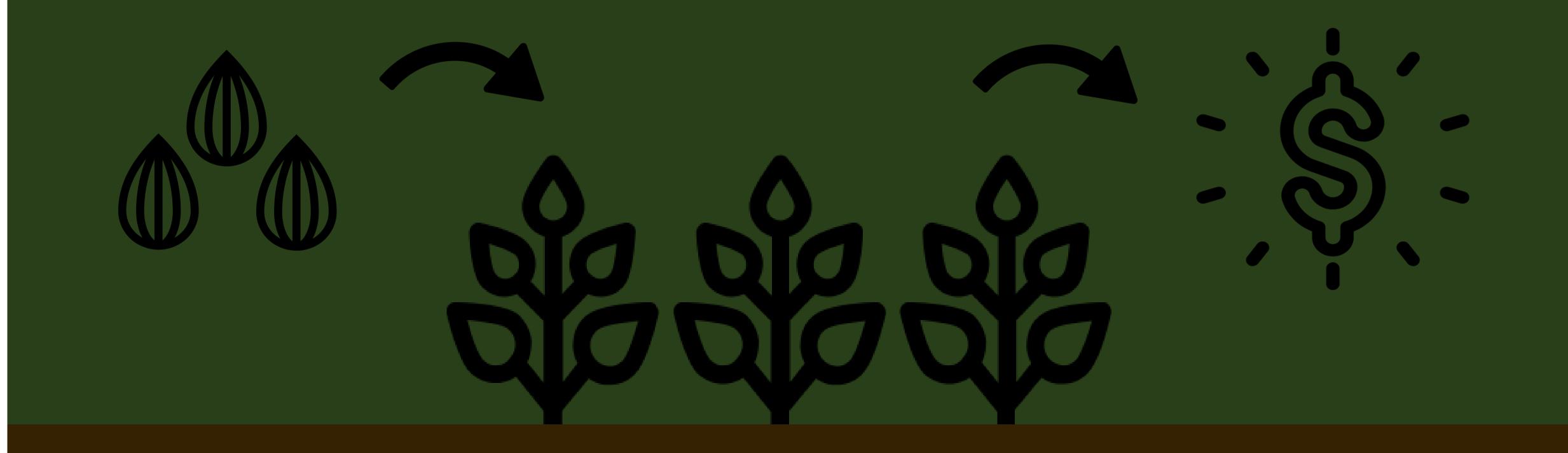
- Initial investment of \$1400 and 20 days for project completion gave JCL of 56.4%
- Weather delays and material availability pose an average 35% risk to meet goals
- Analogous costing for mulch, seed, and annual water expenses lower yearly costs
- NPV Analysis using min and max cost variance proved project sustainability

DISCUSSION

- Increased baselines to \$1500 and 22 days to achieve JCL of 75% and avoid risk impact
- Annual ROI after 3 years is 30%
- Average NPV of the project remains positive for discount rates of 5% to 15%
- Project simulation provides confident investment opportunities that show resilience to market depreciation

Majority of Oklahomans could reliably net a healthy positive income on garden bed investments...

just after 3 years



Visit Oklahoma State University's
Soil Analytical Laboratory to get started
on the first step to your investment!

Follow the attached QR Code for links to

- OSU's SWFAL
- Copy of Project Poster
- Python Script Calculations





