

Month 1, April 2025:

- Prepare growing area and set up irrigation system
- Source seeds for Genovese, Thai, and Lemon basil varieties PI: Michelle Crisostomo (lead implementation) TA: Casey Castro (advise on varieties suitable for pesto production)

Month 2, May 2025:

- Plant first round of basil seedlings
- Begin monitoring basil growth and data collection PI: Michelle Crisostomo (planting and data collection)

Months 3-4, June-July 2025:

- Continue monitoring basil growth and data collection PI: Michelle Crisostomo (data collection)

Month 5, August 2025:

- Harvest first basil crop
- Conduct initial pesto production trials at Capitol Kitchen

Month 6, September 2025:

- Analyze data from first harvest
- Refine pesto recipe based on initial trials
- Plant second round of basil seedlings

Months 7-16, October 2025 - July 2026:

- Continue basil cultivation cycles
- Ongoing pesto production and market testing

- Host first field day
(Apr - May) PI: Michelle Crisostomo (harvest coordination and field day hosting) TA: Casey Castro (lead pesto production trials, support field day)
- Share field day
demonstration pictures on social media PI: Michelle Crisostomo (data analysis, planting, social media) TA: Casey Castro (recipe refinement)
- Conduct market research
and develop pricing strategy PI: Michelle Crisostomo (cultivation, market research) TA: Casey Castro (production oversight, market strategy)

Month 17, August 2026:

- Analyze final data on
basil varieties and pesto production
- Begin preparing final
report and educational materials PI: Michelle Crisostomo (data analysis and report preparation) TA: Casey Castro (contribute to production analysis and report)

Month 18, September 2026:

- Finalize report and
educational materials
- Host final field day to
share project results PI: Michelle Crisostomo (report finalization and field day hosting) TA: Casey Castro (contribute to report and assist with field day)