



MLCS/NEWMOA End Food Waste Project



Overview of Course Goals, & Deliverables

- 5 workshops covering the topics:
 - Introduction to Sustainable Agriculture
 - Recovered Foods and Food Security
 - Visit to Community Garden
 - Climate Change and Food Systems
 - Local Chef Session
- Goal: To learn about the importance of sustainable agriculture, how a changing climate affects food availability, and the importance of recovering excess food waste and diverting it away from landfills.
- Deliverables: At the Celebratory Event, you'll present your Campaign for Community Food Action to the greater Maverick Landing Community and celebrate your successes throughout the course.



Introduction to Sustainable Agriculture

Lesson Overview

- Students will explore the practices of sustainable agriculture and how those practices impact human health and ecosystems.

Learning Objectives

- Describe the importance of soil, freshwater and other practices in agriculture.
- Describe the principles of sustainable agriculture.

Essential Questions

- How does sustainability apply to agriculture?

What is Sustainable Agriculture?

- Sustainability means “meeting the needs of the present generation without compromising the ability of future generations to meet their needs.”
- Sustainable agriculture is based on practices that are:
 - Ecologically sound
 - Economically viable, and
 - Socially responsible.





What is Sustainable Agriculture?

- Soil fertility
- Freshwater
- Pesticides & Fertilizer



What is a Life Cycle?

A *life cycle* is a series of stages a living thing goes through during its life.

Life cycle assessments evaluate the environmental impact a product has, from extraction and processing of raw materials, manufacturing, distribution, use, recycling, and final disposal.





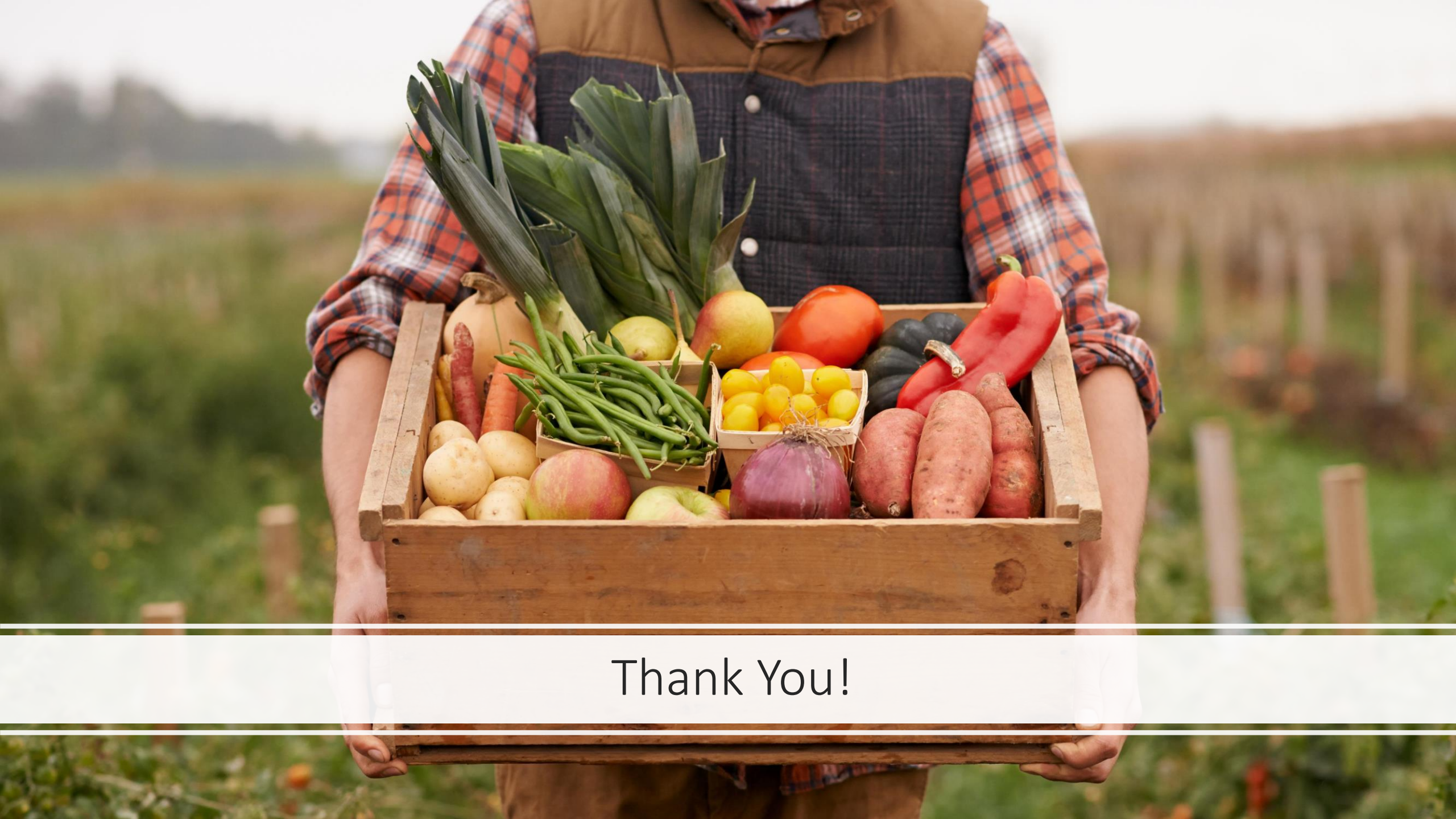
Life Cycle Activity

- In small groups (3-4), discuss what you've learned about sustainable agriculture and life cycles.
- Outline and draw the life cycle of a food item of your choice. Afterwards we'll come back for a full group discussion and share your drawings.

FoodSpan Infographic

1. Crop production
2. Food animal production
3. Seafood production
4. Food chain workers
5. Climate change
6. Agroecology
7. Food distribution
8. Food safety
9. Food processing
10. Food labeling
11. Food marketing
12. Food environments
13. Food waste
14. Hunger and food insecurity
15. Food policy





Thank You!