

# Reducing Tillage in Vegetable Crops

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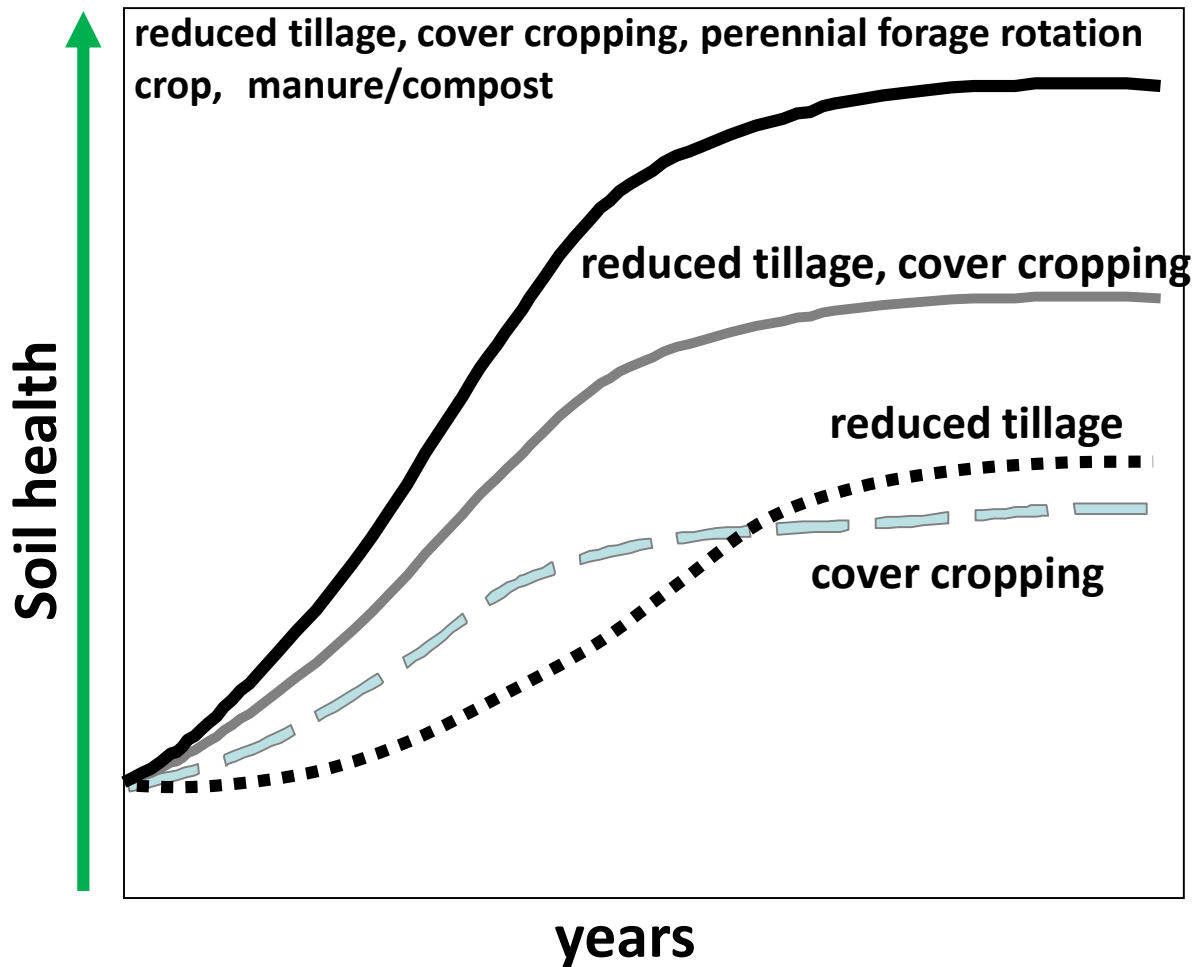
### Goals

#### Environment

- Soil health
- Climate resilience
- Soil water capture and retention
- Organic matter conservation
- Fuel conservation

#### Farm

- Crop productivity
- Fertility
- Timely harvest
- Labor efficiency
- Labor flexibility
- Crop stress resilience
- Pest management



**Stacking practices that promote soil health has an additive effect**





LARGE SCALE



SMALL SCALE





# What crops are being RT grown?

- Sweet Corn
- Dry and Snap Beans
- Cabbage
- Pumpkins/Winter Squash
- Peas
- Tomatoes
- Peppers
- Beets
- Carrots



# **Advancing Reducing Tillage in Vegetable Crops**

## **Opportunities**

- Conduct research to maximize biomass contributions of cover crops in RT
- Support regional long-term soil health experiments to serve as teaching and learning sites
- Create specialized tillage equipment incentives/coops to foster RT innovation
- Advance research on RT for organic and small farms
- Prioritize soil health practices for NY Grown and Certified program
- Incentivize protection of priority soils for long-term agricultural and food security