

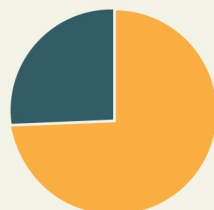


# LTARE SITE NETWORK

Long-term Agroecological Research and Extension (LTARE)



**6** Sites Established



Representing **72%** of total cropland production value in Washington state

## SITE GOALS



Measure the impact of conservation practices on soil health and farm profitability



Create cropping system specific guidance on soil health building practices

Potato Based Annual Cropping Systems



Dryland Cropping Systems with Livestock

Tree Fruit Systems

Diversified Organic Systems with Livestock

Irrigated Potato Based Systems

Wine Grape Systems

Potato based annual cropping system site established in Mount Vernon

Dryland and irrigated potato sites funded  
Diversified organic site established

Continual updates to remain relevant to each region

2019

2021

2023

2020

2022

And beyond...

WaSHI funded as proviso through state legislature

WaSHI soil health roadmap completed

Tree fruit and wine grape sites established

# What Soil Health Practices are Being Investigated at Each Site?

	 Mount Vernon	 Othello	 Prosser	 Puyallup	 Wenatchee	 Wilke
Cover Crop						
Organic Matter Additions						
Reduced Tillage						
Livestock Integration						
Leaving Plant Residue						

## Healthy soils can



Reduce effects of climate change



Provide wildlife habitat



Filter air and water



Support biodiversity



Ensure thriving rural economies



Increase crop productivity

The Washington Soil Health Initiative is an ambitious plan that funds research, extension, and demonstration of soil health best management practices through a network of long-term agroecological research and extension (LTARE) sites across Washington state diverse regions and cropping systems