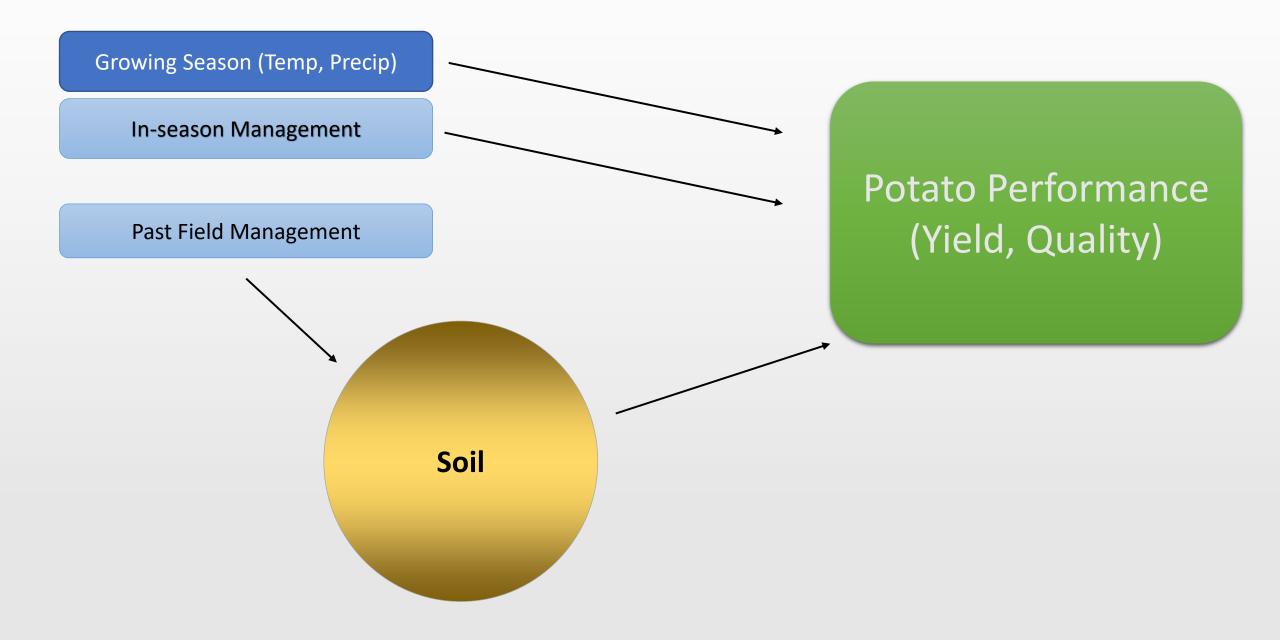
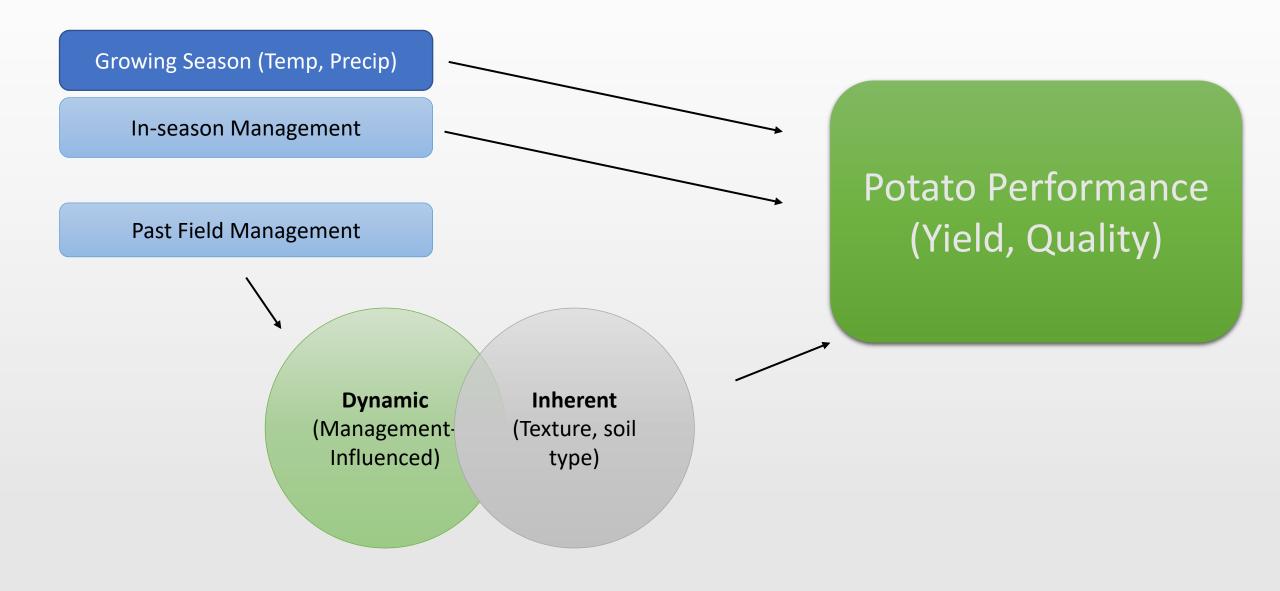
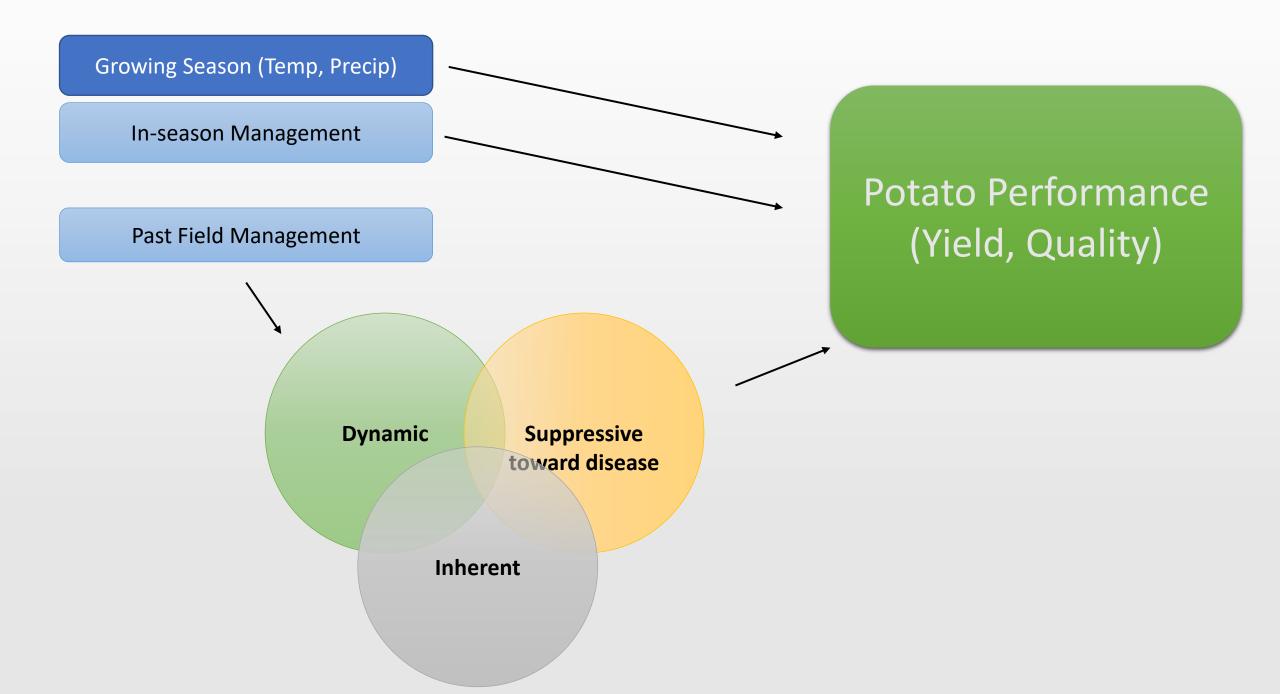
Advancing our understanding of drivers of soil health in potatoes

Steve Culman

Assoc. Professor and Endowed Chair Soil Health in Potatoes Washington State University



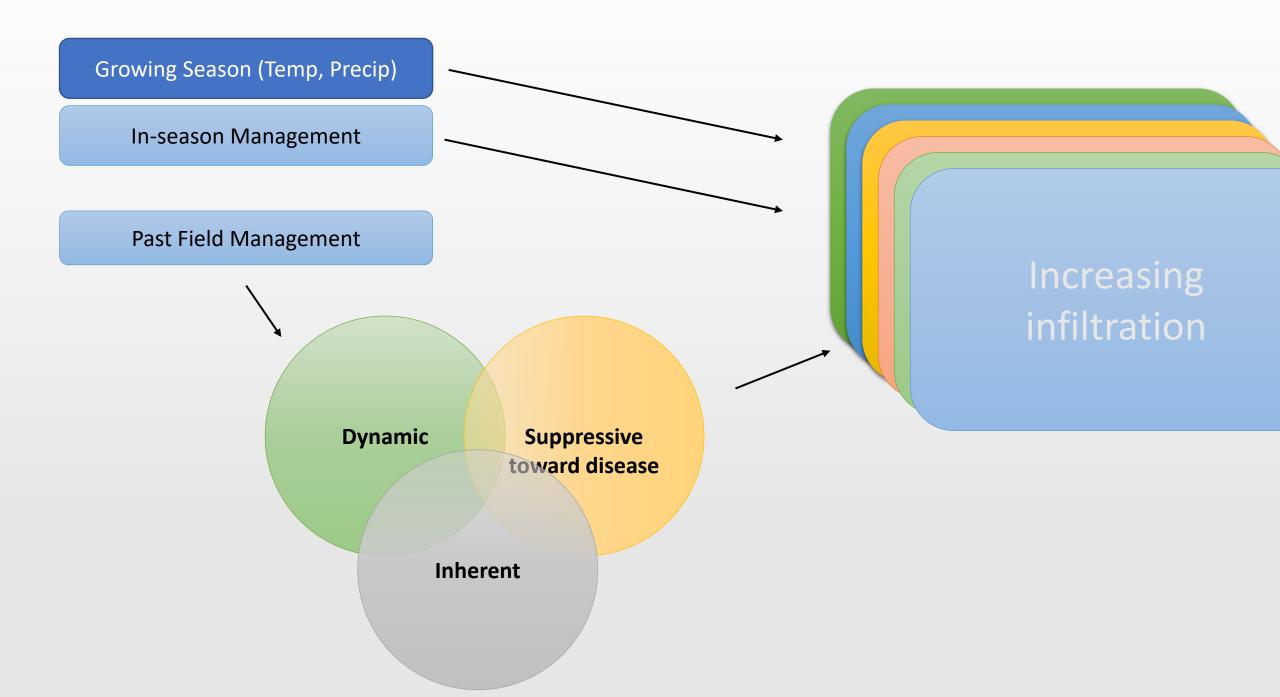


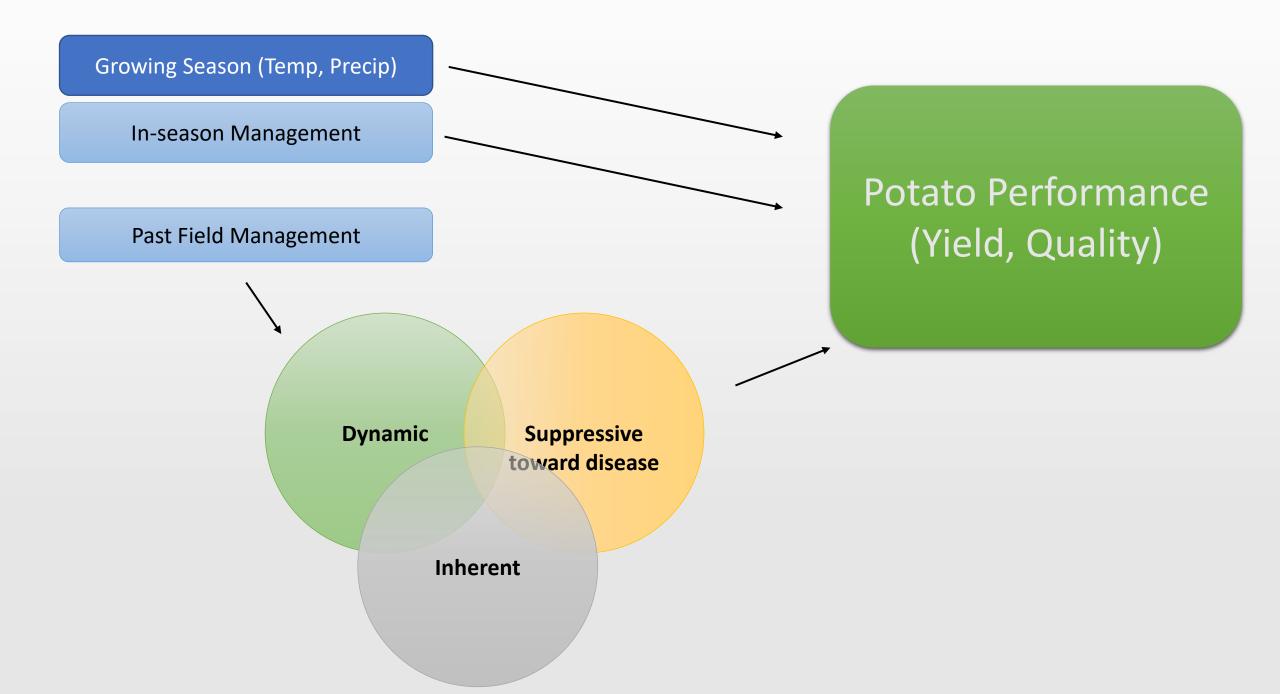


Composition of Parts Magnitude of Influence Overlap *Relative size of each part?* How related are the parts? What measurements should reflect each part? Α G B C Η D Ε F Potato Performance Vs. Vs. Vs. (Yield, Quality) S T U Χ Y Ζ V W

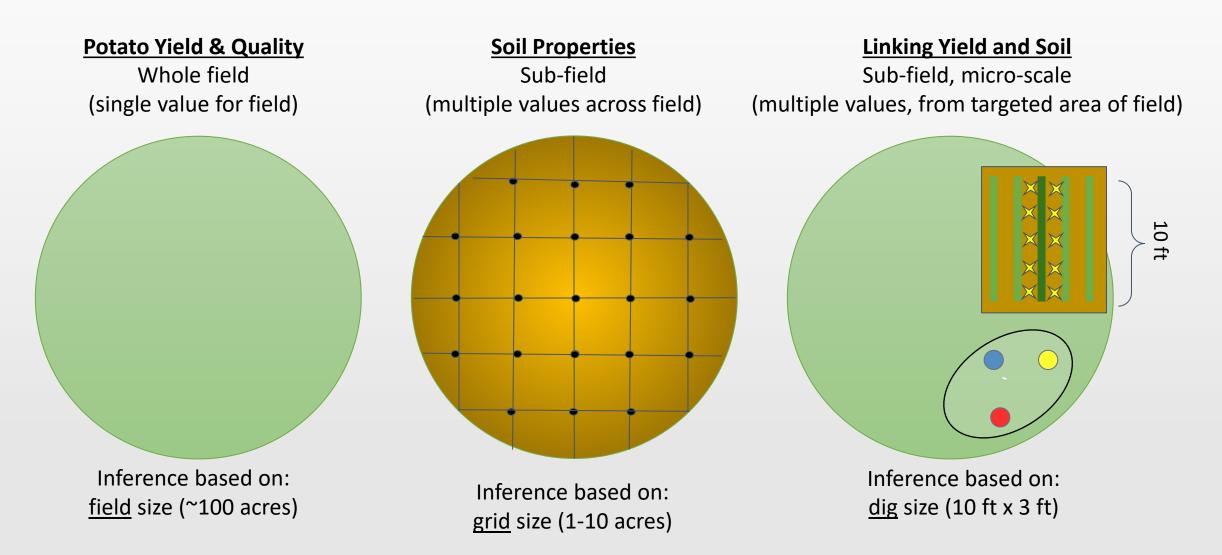
What soil properties best reflect potato performance?

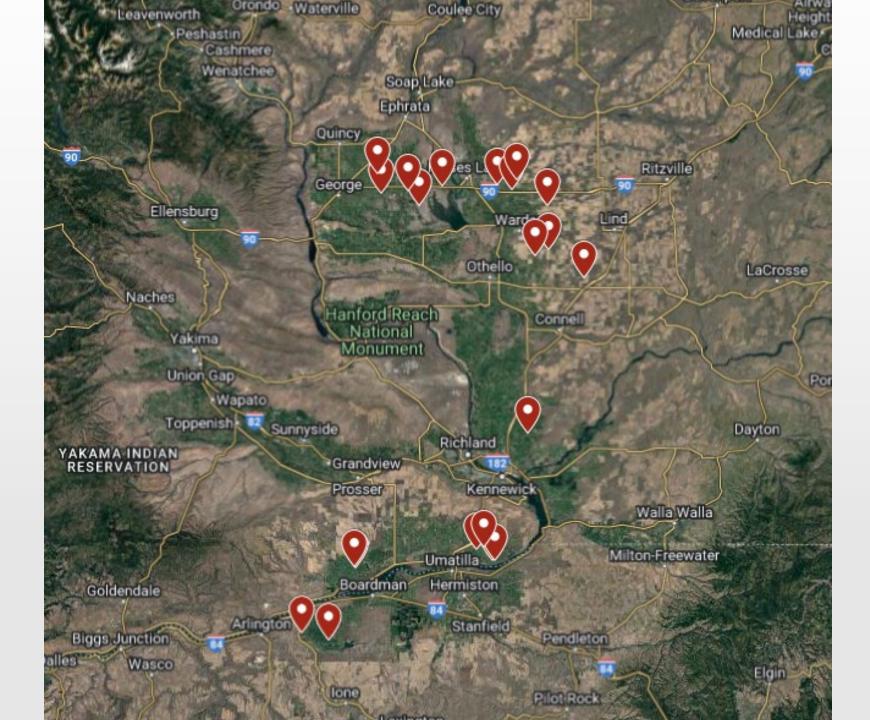
What does a PNW Potato Soil Health Assessment look like?





Challenge of Scale





Research Activities

- On-Farm Soil Health
 - Potato Soil Health Assessment
 - Relationship of soil and crops with EVI
 - Evaluating soil borne disease diagnostics
- Long-Term Trial in Othello
 - Focused on LT management impacts
 - Length of potato rotation, compost, cover crops