



**The Virginia Soil Health Coalition
Quarterly Meeting
October 6th, 2025
1:00-3:00 PM**

Register: <https://tinyurl.com/VSHCQuarterlyMtg>

Agenda

1:00-1:15: Grower's Corner: Soil Health Champion Feature

1:15-2:10: Optimizing Nutrient Management and Soil Health through Data Driven Approaches: Exploring the Nitrogen Decision Support Tool

- ❖ Dr. Charlie White, Associate Professor and Extension Specialist, Soil Fertility and Nutrient Management, Pennsylvania State University
- ❖ Dr. Hunter Frame, Associate Professor, Virginia Tech

To kickoff this session, Dr. Charlie White from Penn State University will share the cutting-edge research behind a nitrogen decision support tool designed to help farmers fine-tune fertilizer applications for corn. This innovative tool accounts for nitrogen credits from soil organic matter and cover crop residues, enabling more precise and sustainable nutrient management. Dr. White's work explores how biogeochemical cycles can be leveraged to improve soil health and reduce nutrient losses, with recent studies focusing on optimizing cover crop mixtures to enhance nitrogen retention.

Following Dr. White's presentation, we will hear from Dr. Hunter Frame from Virginia Tech on similar research happening in Virginia to build a parallel tool for the commonwealth. Dr. Frame's research focuses on soil fertility and plant nutrition of agronomic cropping systems.

2:10-2:45: What's the Future of Soil Health in Virginia? Strategic Planning with the Coalition

We need your input! The Virginia Soil Health Coalition is nearing the end of our 3-year Strategic Plan and we are currently in the process of revisiting and refreshing it to reflect current needs and opportunities. We want to hear from you. In this session, you will have the opportunity to brainstorm and share your ideas and comments on where the Coalition has been and where we are going. For reference you can see our current Strategic Plan [here](#).

2:45-3:00: Coalition Updates