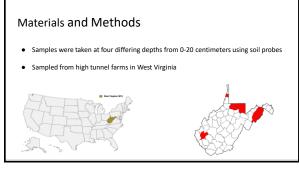


Hypothesis

Soil health indicators such as Organic Matter, Phosphorus, Potassium,
Calcium, and Magnesium in perceived healthy high tunnel soils present
greater values than in unhealthy soils.

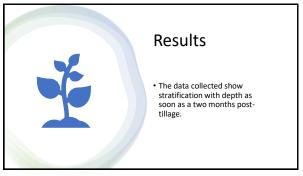
The concentration of the listed indicators will not present stratification $between \, 0\text{-}20cm \, depth.$

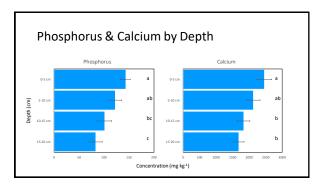


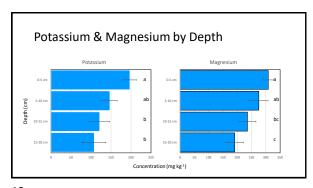
Materials and Methods

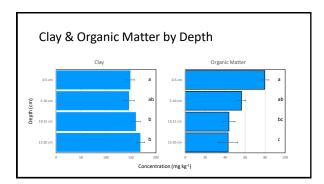
- Sampling: High tunnels based on Health Perception (6HT, 96 samples)
 - o Stratified sampling 0-20 cm in 5 cm increment (composite sample 7 pt)
- Sample Analysis:
 - 1. Available Nutrients (Mehlich 3)
 - 2. pH and EC 1:1 water
 - 2. Organic Matter Loss by Ignition
- Stats Analysis:
 - o Analysis of Variance (factors: Soil Depth (4 levels) and Soil Health (2 levels)
 - o Mean separation (t Tests (LSD), Alpha 0.1)

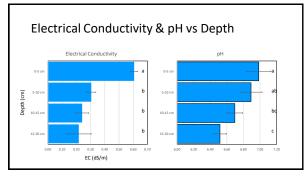
9 10

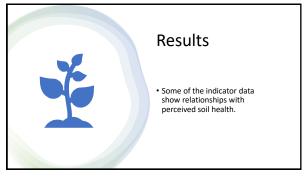


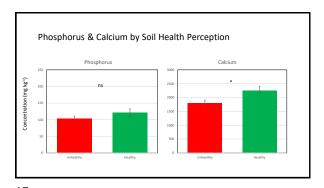


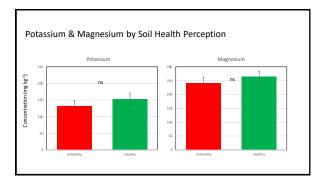


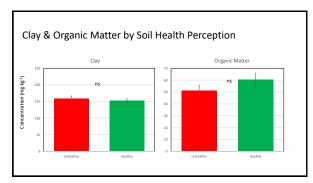


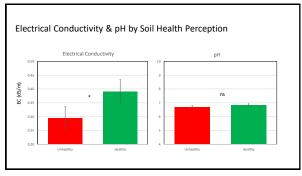


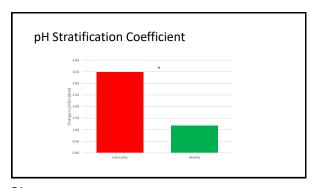


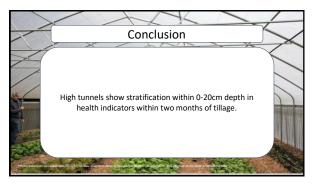


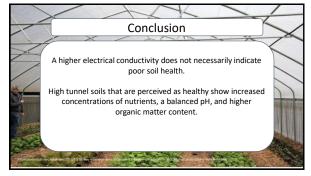


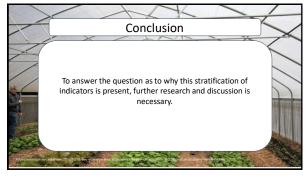












Thank You

Contact: ecg0012@mix.wvu.ed