

4/20 5/20 6/20 7/20 8/20 9/20 10/20 11/20 12/20 1/21 2/21 3/21 4/21 5/21 6/21

WSARE Vermicompost Study

Sample Collection

- Finalize Producer Questionnaire
- Purchase Sampling Kit Supplies
- Contact Producers to Finalize Samples
- Shipping and Sample Collection
- All Samples Received

Sample Preparation

- Send 200g Samples to Midwest Labs
- Freeze Dry 5g Compost Samples
- Extract DNA From 5g Samples
- Quantify DNA Extractions
- DNA Sequencing Preparation
- Submit Samples for Sequencing

Data Analysis

- Receive Compost STA Analysis
- Compile Compost STA Data
- Receive Sequencing Data from Duke
- Begin Processing of Seq. Data
- .biome File Created
- Exploring Data in R and Tableau
- Generate Specific Object Driven Figu...
- Generate Personal Producer Reports
- Producer Input driven Data Explorati...

Outreach

- Construct Website
- Blog Posts about Diversity and Soil
- Post Media from Sample Prep Process
- Create Summary Presentation
- Present at 2020 Vermi Conference
- Create Outreach Kit
- Write Peer Reviewed Paper
- Paper Submitted to Open Source Jou...
- Paper Revisions
- Paper Accepted for Publication
- Send out Producer Survey
- Compile and Submit Survey Results

