

Next Steps for Poultry Litter Injection Technology Development

Workshop and Field Demonstration

Meeting Location

Wye Research and Education Center
Seed Barn
301 Education Dr.
Queenstown, MD 21658

Registration

Please confirm your attendance (so we know how many lunches to order) at:

tinyurl.com/manuresubsurface

Background

With support from the National Fish and Wildlife Foundation, the USDA Conservation Innovation Grant Program, and the Maryland Chesapeake and Atlantic Coastal Bay Trust Fund, a regional collaborative effort, the Chesapeake Bay Subsurface Application of Manure (SAM) Initiative, has been working to develop poultry litter injection technologies for use on farms in the region. The project team includes agronomists and engineers from University of Delaware, University of Kentucky, University of Maryland Eastern Shore, Pennsylvania State University, USDA-Agricultural Research Service laboratories in Pennsylvania and Arkansas, Virginia Tech, Cornell University, and Oklahoma State University, as well as NGO's such as Sustainable Chesapeake and the Sassafras River Association.

The project team invites stakeholders interested in poultry litter land application to participate in this event to: 1) learn about work to date; and 2) offer feedback to the team on next steps needed to bring poultry litter injection technologies to farms in the region.

Agenda

10:30 – 11:30 **Introduction and Project Update** (Seed Barn)

- Background on poultry litter land application current practices on the Delmarva and elsewhere in the U.S. and how this has informed the team's design objectives (10 mins; Dr. Josh McGrath)
 - Current poultry litter application practices and economic goal posts for designing new practices
 - History of the current research collaborative
- Why focus on poultry litter injection? Benefits demonstrated in field and laboratory experiments (10 minutes – PSU and Dr. Josh McGrath)
- Accomplishments to date with respect to poultry litter injection equipment engineering (15 minutes; Dan Pote, Josh McGrath, PA ARS)
- Vision for the future (10 mins: John Long)
- Review/Discussion (15 mins)

11:30-12:30 **Poultry Litter Injection Equipment** (Field Demonstration)

12:30-1:00 **Lunch** (Seed Barn)

1:00 – 2:00 **Next Steps** (Seed Barn)

- Stakeholder discussion focusing on what is needed to bring poultry litter injection technologies to farms on the Delmarva and elsewhere in the region.