



DELMARVA SOIL SUMMIT

FEBRUARY 26 & 27, 2020 | GEORGETOWN, DE

MADE POSSIBLE BY:



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2020 DELMARVA SOIL SUMMIT- AGENDA

Whether you farm 2 acres or 2,000 acres, this conference will deliver information that's relevant to your farm's scale and production type. We're bringing in experts from around the country, and bringing you the latest updates from researchers right here on Delmarva. With learning tracks and farmer panels for both large-scale commodity farmers and small-scale diversified growers, there's something here for everyone!

PRE-CONFERENCE WORKSHOP: PURPOSEFUL COVER CROPPING TRAINING

With Chris Lawrence and Sarah Hirsh

This special pre-conference workshop will help take your cover cropping to the next level! In this workshop, Chris Lawrence and Sarah Hirsh will walk you through the cover crop planning process, describing new tools and strategies to help you make sense of cover crops: 30+ species, 10+ purposes, 6 seasonal niches and 3 functional groups. They'll also share case studies to open your mind to new options... and to help you see those you ought to avoid!

\$20 to Register -- 9:00 - 12:00 in Room #535 A/B -- **Registration for this preconference workshop is limited to 50 people!**

DAY 1: RESEARCH & NETWORKING

12:00 – 1:00	Lunch
GENERAL SESSION	
1:00 – 1:30	Official Kickoff of the Delmarva Soil Summit Welcome & Housekeeping <i>Jason Challandes, Delaware State University and Northeast SARE</i> <i>Kasey Taylor, State Conservationist, Delaware NRCS</i> <i>Kenneth Bounds, Deputy Secretary, DDA</i> <i>Shawn M. Garvin, Secretary, DNREC</i>

RESEARCH UPDATES- EARLY AFTERNOON BREAKOUT SESSIONS			
	<i>Room # 535C/D</i>	<i>Room # 535A/B</i>	<i>Room # 555A/B</i>
1:30 – 2:00	Extending Multi-Species Cover Crop Growing Season for Enhanced Function and Soil Health <i>Ray Weil, UMD</i>	Phosphorus in Delmarva Soils & Implications for Soil Health <i>Amy Shober, UD</i>	Cover Crop Decision Tools <i>Victoria Ackroyd, USDA ARS/UMD</i>
2:00 – 2:30	Soil Health Practices That Sequester Carbon Also Increase Profits <i>Sara Via, UMD</i>	How to Get SARE Farmer/Partnership Research Grants <i>Lisa Garfield, Farmer and Nevin Dawson, SARE</i>	Cover Crop Decision Tools (continued) <i>Victoria Ackroyd, USDA ARS/UMD</i>
2:30 – 3:00	Break & Visit with Exhibitors		
RESEARCH UPDATES- LATE AFTERNOON BREAKOUT SESSIONS			
	<i>Room # 535C/D</i>	<i>Room # 535A/B</i>	<i>Room # 555A/B</i>
3:00 – 3:30	Evaluating Single & Mixed Species Cover Crops <i>Mark Reiter, VT</i>	Breeding Cover Crops for the Mid-Atlantic <i>Ginny Moore, USDA ARS</i>	Glyphosate Use & Impact on Soil Biology <i>Stephanie Yarwood, UMD</i>
3:30 – 4:00	Long-term conventional vs. organic management and rotation effects on soil fertility at the USDA-ARS Farming Systems Project <i>Kate White, USDA ARS</i>	Quantitative Decision Making for Cover Crops <i>Charlie White, PSU</i> <i>(Remote Presentation via Zoom)</i>	Saltwater Intrusion & Salt Tolerant Crops <i>Dani Weissman, UMD</i>
GENERAL SESSION			
	<i>Main Room (540s)</i>		
4:10 – 5:00	Planting Green & Managing Slugs <i>John Tooker, PSU</i>		
	<i>Lobbies, Hallway & Lounge</i>		
5:00 – 7:30	Cover Crop Cocktail Party Join us for this networking event and poster session, featuring local beer and wine!		

DAY 2: PLENARIES & BREAKOUTS

PLENARY SESSION				
8:30 -9:00	Welcome & Housekeeping <i>Jen Nelson, Delaware Association of Conservation Districts</i> <i>David Baird, Sussex Conservation District</i> <i>Niamh Shortt, Future Harvest- CASA</i>			
9:00- 10:00	Carbonomics <i>Keith Berns, Farmer & Co-owner of Green Cover Seed</i>			
10:00 – 11:00	Understanding Soil Biology & How It Works <i>Kristine Nichols, KRIS Systems</i>			
11:00 – 11:30	Break & Visit with Exhibitors			
11:30 – 12:10	Economics of Cover Crops <i>Rob Myers, North Central SARE & University of Missouri</i>			
12:10 – 12:30	Q&A			
12:30 – 1:15	Lunch			
EARLY AFTERNOON BREAKOUT SESSIONS				
1:20 – 2:20	Large-Scale/Commodity Production Track <i>Room #540s/Main Area</i>		Small Scale/Diversified Production Track	
	Large-Scale/Commodity Farmer Panel Discussion- Managing for Soil Health- Farm Goals, Challenges, Successes & Lessons Learned <i>Moderator: TBD</i> <i>Featuring Jay Baxter (Baxter Farms), Matt Fry (Fair Hill Farm), Trey Hill (Harborview Farm), and Blaine Hitchens</i>		Soil Quality & Weed Control Dynamics <i>Ben Beale, UME</i>	Cover Cropping Efficiently on Biointensive Farms <i>Nazirahk Amen, Farmer</i>

MID-AFTERNOON BREAKOUT SESSIONS

2:30 – 3:30	Large-Scale/Commodity Production Track			Small Scale/Diversified Production Track
	Room # 535A/B	Room # 535C/D	Room #555A/B	Room #540s/Main Area
	Machines & Equipment Modifications <i>Steve Groff, Farmer & The Cover Crop Coach</i>	Separating Fact from Fiction in Soil Health Claims <i>Bob Kratochvil, UMD</i>	Beyond Rye & Clover: An Overview of Cover Crop Options <i>Keith Berns, Farmer</i>	Small Scale/Diversified Farmer Panel Discussion- Managing for Soil Health- Farm Goals, Challenges, Successes & Lessons Learned <i>Moderator: Lisa Garfield</i> <i>Featuring Hattie Allen (Hattie’s Garden) , Thelonius Cook (Mighty Thundercloud Edible Forest), Zach Dittmar (Dittmar Family Farms) and Tom Paduano (Flying Plow Farm)</i>
3:30 – 4:00	Break & Visit with Exhibitors			

LATE AFTERNOON BREAKOUT SESSIONS

	Room #540s/Main Area	Room #535A/B	Room #535C/D	Room #555A/B
4:00 – 5:00	Reading & Interpreting Soil Tests & Measuring Change <i>Bill Rohrer, AgroLab</i>	No-till Veggies & No-Till Organic <i>Steve Groff, Farmer & The Cover Crop Coach</i>	Economics of Soil Amendments & Biological Fertility - True Cost and Plant-Availability <i>Daniel Sweeney, Seven Springs Farm</i>	Grazing for Soil Health <i>Brian Campbell, NRCS</i>