FUTURE HARVEST's 24th Annual Conference

Jan. 12th-14th, 2023
College Park, MD

A Time to Grow

Regenerative Farming for People & the Planet

Future Harvest
Chesapeake Alliance for Sustainable Agriculture
MARYLAND MARKET MONEY (MMM) IS A STATEWIDE FOOD ACCESS PROGRAM THAT FEEDS MARYLANDERS AND SUPPORTS FARMERS. MMM REMOVES ECONOMIC BARRIERS FOR MARYLANDERS EXPERIENCING FOOD INSECURITY, PROVIDING A DOLLAR-FOR-DOLLAR MATCH FOR PURCHASES MADE USING FEDERAL NUTRITION BENEFITS AT PARTICIPATING MARYLAND FARMERS MARKETS, FARM STANDS, AND CSAS.

Maryland Market Money is run jointly by the Southern Maryland Agricultural Development Commission (SMADC), a division of the Tri-County Council for Southern Maryland, and the Maryland Agricultural & Resource-Based Industry Development Corporation (MARBIDCO).

SMADC is the go-to resource in Southern Maryland and beyond for farmers and producers who want to increase their potential and for consumers who want to connect with local farms and food.

We are committed to expanding and promoting a viable and profitable agricultural farming community.

Learn more at SMADC.com
Dear Friends,

We at Future Harvest are so excited to gather with you in person at our annual Future Harvest Conference. It has been three long years since this community last gathered. In the intervening time, our members found creative ways to learn and grow together, whether through our virtual conference, online study circles, or in open fields. Through it all, Future Harvest maintained a commitment to peer-to-peer education and support for farmers.

There is something special about being together, however. This conference is a unique time for farmers to leave their work and to learn with colleagues and friends. We cannot wait for you to engage with keynote speakers like Dr. Rattan Lal, Dr. Jewel Bronaugh, Dr. Gail Meyers, Farmer Chippy, Daniel Firth Griffith, and Ann Sutton. Many of you are sharing your farming expertise in over thirty breakout sessions, and all of you are invited to bring your ideas to our annual member meeting. There will also be time to mingle with exhibitors, watch a film, and eat local food together.

Our mission at Future Harvest is to advance agriculture that sustains farmers, communities, and the environment. This conference flips that a little. This is where a community of farmers, committed to regenerative agriculture, sustain each other. Thank you all for being part of this community, as participants, speakers, volunteers, staff, exhibitors, and sponsors. For three years we have all had to turn inward. Now it is Time to Grow, together.

Sincerely,

Grace Leatherman
Executive Director, Future Harvest
Conference Food & Drink Donations

Very special thanks to our local purveyors who donated food and beverages for conference meals, coffee break snacks, and happy hour including Zeke’s Coffee of DC, Wild Bay Kombucha, Nice Farms Creamery, Cabot Creamery, and many more.

2023 Conference Committee

Toby Hagerrott, Conference Chair; Amanda Grev, Berran Rogers, Henriette den Ouden, Liz Riffle, Kimberly Raikes, Lisa Duff, Lindsay Smith, Mariette Hiu Newcomb, Nathan Bergdoll, MK Barnet, Stephanie Ritchie, Thelonius Cook.

Future Harvest Board of Directors

Steven Jones, President; Tom Croghan, Vice President; Hiu Newcomb, Secretary; Dennis Fuze, Treasurer; Kevin Atticks; Mary Katherine Barnet; Nathan Bergdoll; Carolynn Brunette, Thelonius Cook; Lisa Duff; Temitope Fajingbesi; Amanda Grev; Sarah Holway; Susan Immelt; Beth McGee; Kimberly Raikes; Edwin Remsberg; Liz Riffle; Eric Rubel; Shelley Rudick; Renard Turner; Chip Planck

Future Harvest Staff

Grace Leatherman, Executive Director; Amy Mullan, Fundraising & Development; Lisa Garfield, Research; Joanna Winkler, Beginner Farmer Training Program; Gabi Salazar, Conference Manager; Laurie Savage, Operations Manager; Deb Dramby, Communications & Outreach.

Contract Help & Volunteers

Cathy Tipper, Caroline Selle, Samaria King, Irene Dooling, Vanessa Bolin, Meredith Brooke Epstein, Holly Bohart, Krisztina Christmon, Lisa Joseph, Emily Sells, Goose, Ramona Wilson-Xu, Chimene Castor, Nia Nyamweya & More!

Thanks To Our Track Sponsors & Collaborators:

- **Crop Production**
  - Maryland Department of Agriculture
  - Carter Farms

- **Business of Farming**
  - Farmer Mac
  - MARBIDCO

- **Environment, Community, & Policy**
  - Prince Charitable Trusts

- **Grassfed Meat & Dairy**
  - Chesapeake Bay Foundation

- **Soil Health & Regenerative Agriculture**
  - Seven Springs Farm Supply
  - Agua Fund

- **Beginning Farming**
  - UMES Small Farms Program
  - PASA Sustainable Agriculture

- **Made Local**
  - Edwin Remsberg Photography
  - Grow & Fortify
### THURSDAY, JANUARY 12TH

<table>
<thead>
<tr>
<th>8:00 am - 6:00 pm</th>
<th>Registration Open &amp; Exhibitor Set-up</th>
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</table>
| 9:00 am - 12:00 pm | **Pre-Conference:** Grant Writing for Farmers // Salon E  
**Pre-Conference:** Record Keeping with AirTable // Salon F |
| 10:00 am - 4:00 pm | **Pre-Conference:** How to Make & Sell Value-Added Products in Maryland // Salon G |
| 2:00 pm - 5:00 pm | **Pre-Conference:** Hot Topics for Experienced Market Farmers // Salon F  
**Pre-Conference:** An Afternoon in the Herbalist's Workshop with Ayo Ngozi // Salon E |

### FRIDAY, JANUARY 13TH

<table>
<thead>
<tr>
<th>8:00 am - 6:00 pm</th>
<th>Registration Open &amp; Exhibits</th>
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</table>
| 9:00 am - 10:30 am | **Opening Keynote:** Dr. Gail Myers  
"Rhythms of the Land: Honoring Our Past to Grow a Stronger Future" // Calvert Ballroom |
| **Session I**  
11:00 am - 12:00 pm | Land Access Strategies and Opportunities: Farm Incubators // Salon E  
Financial Issues for Farmers in the Pandemic Era & Beyond // Salon G  
Organic Transition: What You Need to Know // Salon III  
Connecting and Amplifying Farmer Voices // Salon F  
Minimizing Drug Use in Small Ruminants // Salon I  
Herbs for Farms and Farmers: Caring for Yourself and Your Land with Herbs // Salon II  
Purposeful Cover Cropping // Calvert Ballroom |
| 12:00 pm - 1:15 pm | Lunch // Calvert Ballroom  
Thanks to our Platinum Sponsors: Maryland Department of Agriculture and Seven Springs Farm Supply |
| 1:00 pm - 2:00 pm | Awards Followed By Memorial // Calvert Ballroom |
| **Session II**  
2:30 pm - 3:30 pm | Navigating Your Resources Within Government Programs // Salon E  
Happy Campers // Salon G  
Cut Flowers by the Numbers: Pricing, Sales, and Marketing // Salon III  
Sowing Seeds with Our Youth // Salon F  
Ecology and Economy: Developing a Self-sufficient Farm Organism // Salon I  
Value-Added Dairy & What We Learned Along the Whey! // Salon II  
Final Year of Organic Grain Transition: Impacts on Soil Health and Crop Productivity // Calvert Ballroom |

*Photo by Deb Dramby*
FRIDAY, JANUARY 13TH (CONTINUED)

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<thead>
<tr>
<th>Session III</th>
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<tr>
<td>Farmer-to-Farmer Chats and Open Sessions</td>
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<tr>
<td>Black Farmer Caucus // Jim Henson Room</td>
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<td>Indigenous Farmers Caucus // Salon F</td>
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<td>Jewish Farmer Affinity Group &amp; Shabbat // Charles Carroll Room</td>
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<td>Veteran Farmer Caucus // Francis Scott Key Room</td>
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<td>Veggie Farmers Chat // Salon G</td>
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<td>White Ally to Accomplice Caucus // Salon III</td>
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5:15 pm - 6:45 pm **Film Screening**: “Rhythms of the Land” and Q&A Session // Calvert Ballroom

5:00 pm - 7:00 pm Future Harvest Social

SATURDAY, JANUARY 14TH

8:00 am - 4:00 pm Registration Open & Exhibits

8:00 am - 9:15 am 24th Annual Membership Meeting // Calvert Ballroom
   *Thanks to our Gold Sponsors: Agua Fund, Carter Farms, Prince Charitable Trust, Farmer MAC*

<table>
<thead>
<tr>
<th>Session IV</th>
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<td>Why Urban, Small-scale and BIPGM Farmers Should Care About Food Safety // Salon E</td>
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<td>Integrated Pest Management Review // Salon III</td>
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<td>Narrative Justice: Spoons &amp; Stories // Salon F</td>
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<td>Greener Pastures: Tips for Managing Your Pastures &amp; Hay Fields // Salon I</td>
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<td>Interpreting Soil Tests for Established Growers // Calvert Ballroom</td>
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<td>Africulture: Eating for Your Ethnic Type // Salon E</td>
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<td>Conflict Resolution for Farm Leadership // Salon G</td>
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<tr>
<td>Soil and Plant Sensor-based Irrigation Management // Salon III</td>
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<tr>
<td>Urban Farming, Thriveability &amp; Farmtography // Salon F</td>
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<tr>
<td>Agroforestry: How to Manage Forest-Based Pastureland // Salon I</td>
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<tr>
<td>More Profits From Your Meats // Salon II</td>
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<tr>
<td>Managing Biochar for Soil Health and Carbon // Calvert Ballroom</td>
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12:30 pm - 1:15 pm Lunch // Calvert Ballroom
   *Thanks to our Platinum Sponsors: Maryland Department of Agriculture and Seven Springs Farm Supply*

1:15 pm - 2:30 pm **Saturday Keynote: Resilient Farmer Panel**
   *“Stories from the Field” // Calvert Ballroom*

<table>
<thead>
<tr>
<th>Session VI</th>
<th>3:00 pm - 4:00 pm</th>
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<tbody>
<tr>
<td>Transitioning From a Homestead Gardener to a Market Farmer // Salon E</td>
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<td>The Road to Land Ownership: Challenges and Opportunities // Salon G</td>
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<tr>
<td>Leveraging Technology to Support Resilient Local Food Systems // Salon F</td>
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<tr>
<td>Urban Farming: Getting Realistic About How to Make it Work // Jim Henson Room</td>
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<tr>
<td>Deciding to Verify or Certify? E.O.V. and Real Organic // Calvert Ballroom</td>
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Friday Keynote

*Rhythms of the Land: Honoring our Past to Grow a Stronger Future*

Gail Myers, Ph.D. Farms to Grow

As an expert in the anthropology of African American farming and co-founder of Farms to Grow, Inc., Gail Myers, Ph.D., has made it her life’s work to both honor the past generations of Black farmers in the US while also uplifting and supporting today’s sustainable small producers. Her most recent project has been to launch the film *Rhythms of the Land*, a valentine to generations of Black farmers in the United States from the enslavement period to the present, whose intense love of the land and dedication to community enabled them to survive against overwhelming odds. A private screening of the film will be hosted Friday evening at the conference.

*With short remarks from Dr. Jewel Bronaugh, Deputy Secretary of the USDA*

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Saturday Keynote Panel

*Resilient Farmer Panel: Stories from the Field*

This keynote centers a panel of resilient and passionate farmers and ranchers in our region who are dedicated to sustainable, organic, and regenerative agriculture. Ann Sutton, aka Farmer Gale, will share about her years farming a small diversified operation, along with wisdom on what it takes to make purchasing land a reality. Daniel Firth Griffith will share about Timshel Wildland, a rewilding project that he and his family have created to nurture peace, grass-fed and finished beef and lamb, heritage hogs, a multiplicity of wild and chaotic gardens. Finally Farmer Chippy will share about Plantation Park Heights Urban Farm (PPHUF), an urban farm and an AgriHood in Baltimore that spreads love, supports the community, and brings healthy food to the city.
WEEKEND ACTIVITIES

CHEF JONATHAN BARDZIK BOOK SIGNING
Friday, January 13th
4:00 pm - 6:00 pm
At Registration

BFTP LUNCH MEET-UP
Friday, January 13th
Special Section - Calvert Ballroom

ALDI LUNCH MEET-UP
Friday, January 13th
Special Section - Calvert Ballroom

FARMER OF THE FOODSHED & COLCHESTER LEGACY FUND AWARD
Friday, January 13th
1:00 pm - 1:30 pm
Calvert Ballroom

NIAMH SHORTT MEMORIAL
Friday, January 13th
1:30 - 2:00 pm
Calvert Ballroom
Followed by an optional small gathering with Future Harvest staff and grief counselor

RHYTHMS OF THE LAND PRIVATE SCREENING
Friday, January 13th
5:15 pm - 6:45 pm
Calvert Ballroom

DANIEL FIRTH GRIFFITH BOOK SALE & SIGNING
Saturday, January 14th
2:30 pm - 3:00 pm
Calvert Ballroom

24th ANNUAL MEMBERSHIP MEETING
Saturday, January 14th
8:00 am - 9:15 am
Calvert Ballroom
Join us to learn about exciting developments in the Future Harvest strategic plan, membership, and offerings. Share your ideas for the year ahead and vote on our slate for 2023 Board of Directors.
Exhibitors

Agua Fund
Arcadia
Chesapeake Ag Innovation Center (CAIC)
Chesapeake Bay Foundation
Compost Crew
Cureate Courses
Eastern Shore Entrepreneurship Center
Edwin Remsberg Photography
Farm Aid
Foodshed Capital
Full Circle Mushroom Compost
Future Harvest Programs
Future Harvest Community Seed & Book Swap
Grow & Fortify
High Mowing Organic Seeds
Johnny’s Selected Seeds
Local Food Marketplace
MARBIDCO
Maryland Agricultural Education Foundation (MAEF)
Maryland Department of Agriculture
Maryland Horse Breeders Association
Million Acre Challenge
Paradise Energy Solutions
Sand County Foundation
Sustainable Agriculture Research and Education (SARE)
Seven Springs Farm Supply
UMES Small Farm Program
Ujamaa Seeds
University of Maryland Extension Farm Stress Management
Veteran Compost
Weston A. Price Foundation

Map

Photo by Edwin Remsberg
### SESSIONS

**Friday, January 13**

**SESSION I: 11:00 AM-12:00 PM**

<table>
<thead>
<tr>
<th>Session</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Beginning Farming</strong>&lt;br&gt;Salon E</td>
<td>Land Access Strategies and Opportunities: Farm Incubator Case Studies: Land access for aspiring farmers is one of the greatest barriers to entry, preventing many from launching a farm business. The panel will discuss the exciting new role of the Urban Farm Incubator at Watkins Regional Park in Prince George’s County MD, as well as outlining the relationships among stakeholder agencies that helped propel it, and some lessons learned over the first year of operation. (Jocelyn Tidwell and Jon Berger – ECO City Farms; Kim Rush Lynch, Urban Agricultural Conservation Program of Prince George’s County Soil Conservation District; Ginette Jean, SOFIGI Connection LLC; Maiya Lay, Love Bug Farm)</td>
</tr>
<tr>
<td><strong>Business of Farming</strong>&lt;br&gt;Salon G</td>
<td>Financial Issues for Farmers in the Pandemic Era &amp; Beyond: Gain insight about the current global economic situation – including rising interest rates and inflation – to determine what this means for you in the year ahead. Tope Fajingbesi will discuss how you can best plan your finances, including your pricing, for the 2023 season. (Temitope Fajingbesi, Dodo Farms and UMD Institute of Applied Agriculture Central Maryland)</td>
</tr>
<tr>
<td><strong>Crop Production</strong>&lt;br&gt;Salon III</td>
<td>Organic Transition: What You Need to Know: If you’re curious about transitioning your crops and/or livestock to certified organic, join this session for the details you’ll need. We’ll go over the basics of certified organic, get into the weeds on what transition will look like for your farm, and cover some of the resources available to help you out in the process. (Erin Healy &amp; Adam Diamond, USDA Agricultural Marketing Service National Organic Program)</td>
</tr>
<tr>
<td><strong>Environment, Community, &amp; Policy</strong>&lt;br&gt;Salon F</td>
<td>Connecting and Amplifying Farmer Voices: Cultivemos is a network for cultivating farmer well-being that addresses the structural root causes of stress and prioritizes BIPOC farmers, farmworkers, and young farmers. Fair Farms is building a movement of community members and will talk about efforts to alleviate key stumbling blocks for farmers using government grants, along with an opportunity to identify changes that could best support them. Join experts from both organizations to connect, navigate and strengthen our voices. (Alexandria Ward &amp; Molly Carey, FarmAid; Devora Kimelman-Block, Fair Farms)</td>
</tr>
<tr>
<td><strong>Grassfed: Meat &amp; Dairy</strong>&lt;br&gt;Salon I</td>
<td>Minimizing Drug Use in Small Ruminants: Susan Schoenian will walk you through preventative measures for your small ruminants and how to decide when you may need to use drugs. She’ll cover bolstering the immune system, use of essential oils, gut health, and how to make your own Nutri-Drench as well as using dewormers, antibiotics, and vaccinations. (Susan Schoenian, University of Maryland Extension – Retired)</td>
</tr>
<tr>
<td><strong>Made Local</strong>&lt;br&gt;Salon II</td>
<td>Herbs for Farms and Farmers: Caring for Yourself and Your Land with Herbs: Join artist and herbalist Ayo Ngozi to learn how to incorporate herbs into your farm for the care of yourself, your team, and for the benefit of your soil and crops. (Ayo Ngozi, The Creative Root)</td>
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<tr>
<td><strong>Soil Health &amp; Regenerative Agriculture</strong>&lt;br&gt;Calvert Ballroom</td>
<td>Purposeful Cover Cropping: This interactive session will demonstrate strategic cover crop planning that includes assessing site-specific factors such as soil conditions and field history, identifying the top needs of the land, identifying and potentially creating gaps in the cash crop rotation to fit cover crops, and critically evaluating the limitations of cover crops. (Sarah Hirsh, University of Maryland Extension; Thelonius Cook, Mighty Thundercloud Edible Forest)</td>
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### Friday, January 13

**SESSION II: 2:30 PM-3:30 PM**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Beginning Farming</strong> Urban Farmers Salon E</td>
<td><em>Navigating Your Resources Within Government Programs:</em> Want to farm and need a place to start? Join us for a panel discussing land access, conservation practices, technical and financial resources, and everything else you're thinking about. We will provide clear directives and give beginner and urban farmers the space to ask questions as they navigate the resources available to them. (Bill Tharpe, Maryland Department of Agriculture; Madeline Williams, Maryland Department of Natural Resources; Colleen Kiefer, Natural Resources Conservation Service; Kate Lee, DC Department of Energy and Environment)</td>
</tr>
<tr>
<td><strong>Business of Farming</strong> Salon G</td>
<td><em>Happy Campers:</em> Hipcamp and Airbnb are great ways to get extra cash on your farm, but how do you get started or decide if it's the right fit? Join Edwin Remsberg to learn how he manages overnight visitors on his twenty acre preserved livestock and hay farm in Harford County Maryland, and lawyer Paul Goeringer to clarify the zoning issues that may have you stumped. (Edwin Remsberg, Maple Grove Farm/Remsberg Inc.; Paul Goeringer, University of Maryland Extension)</td>
</tr>
<tr>
<td><strong>Crop Production</strong> Salon III</td>
<td><em>Cut Flowers by the Numbers: Pricing, Sales, and Marketing:</em> Join seasoned flower farmers to dig into the nitty-gritty of marketing and selling cut flowers. Topics will include: pricing, budgets, sales outlets, and creative marketing. Growing gorgeous flowers is a great start, but knowing how to price and sell them is just as important. (Maya Kosok, Hillen Homestead; Elisa Lane, Two Boots Farm)</td>
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<tr>
<td><strong>Environment, Community, &amp; Policy</strong> Salon F</td>
<td><em>Sowing Seeds with Our Youth:</em> Join to learn how Steam Onward, including Ujamaa Cooperative Farming Alliance &amp; Ujamaa Seeds, are ensuring that the legacy of saving and reclaiming our heirloom seeds is preserved through our youth. Bonnetta will also give a glimpse into the brand new 2023 Seed Catalog. Kathy Anderson, author, will join to share how to connect our youth to nature through children's books. (Bonnetta Adeb &amp; Kathy Anderson, Steam Onward &amp; Ujamaa Cooperative Farming Alliance)</td>
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<tr>
<td><strong>Grassfed: Meat &amp; Dairy</strong> Salon I</td>
<td><em>Ecology and Economy: Developing a Self-sufficient Farm Organism:</em> Good ecology is good economics. Join Stewart Lundy to learn how to use practices drawn from biodynamic principles to reduce input and feed costs and increase fertility – all from within the resources of the farm itself. By minimizing externalities and identifying useful weeds on your own land, you can grow abundance. (Stewart Lundy, Perennial Roots Farm)</td>
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<tr>
<td><strong>Made Local</strong> Salon II</td>
<td><em>Value-Added Dairy &amp; What We Learned Along the Whey!:</em> Yellow Springs Farm has produced award winning goat cheese and yogurt. In this session, Al and Katherine Renzi will introduce you to cheesemaking and yogurt production as a path to sales and profitability. Topics discussed will include: research, start-up costs, cheese options, customers, equipment, space requirements, regulations, marketing and sales. (Al and Catherine Renzi, Yellow Springs Farm)</td>
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<tr>
<td><strong>Soil Health &amp; Regenerative Agriculture</strong> Calvert Ballroom</td>
<td><em>Final Year of Organic Grain Transition: Impacts on Soil Health and Crop Productivity:</em> The three-year transition period to organic certification can be a major roadblock to Maryland farmers interested in organic grain production. We need strategies that preserve soil health while maintaining profitability. Join us to hear about the results and lessons learned from four different organic transition strategies and the impact on soil health and crop productivity during the final year of organic transition. (Biwek Gairhe &amp; Ray Weil, University of Maryland College Park)</td>
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### SESSION III: 4:00 PM-5:00 PM

**Farmer-to-Farmer Chats and Open Sessions**

- Black Farmer Caucus // Jim Henson Room
- Indigenous Farmers Caucus // Salon F
- LGBTQA12S+ Farmer Caucus // Wayne K. Curry Room
- What to Expect in the Next Farm Bill // Salon I
- Maryland Agriculture Climate Vulnerability Assessment: A Listening Session // Salon II
- Jewish Farmer Affinity Group // Charles Carroll Room
- Veteran Farmer Caucus // Francis Scott Key Room
- Veggie Farmers Chat // Salon G
- Managing Mental Health and Stress on the Farm // Salon E
- White Ally to Accomplice Caucus // Salon III
## SESSION IV: 9:30 AM-10:30 AM

### Why Urban, Small-Scale and BIPGM Farmers Should Care About Food Safety:
BIPGM and small farmers are often left out of conversations regarding produce safety. This interactive session will discuss how food safety regulations can be a barrier for scaling farm and business operations, and what it means to comply with the Produce Safety Rule or GAP certification. We will highlight the benefits and importance of having safe farming operations and realistic Standard Operating Procedures (SOPs) for your farm’s stability and scalability, as well as training for consumers, volunteers, interns and personnel. A digital toolkit with printable signs, SOPs, checklists and templates will be available to participants. (Crystal Forman, Holistic Wellness and Health; Kimberly Raikes, Whitelock Community Farm)

### AgriSolar: Simultaneously Using land for Agriculture and Solar Production:
What if solar development and agriculture could co-exist? NCAT’s AgriSolar Clearinghouse project brings people together who can make this dual-use a reality. This session will introduce the AgriSolar project, show examples of current AgriSolar production, and address the issues that farmers face when considering solar on their land. (Chris Lent, National Center for Appropriate Technology (NCAT))

### Integrated Pest Management Review:
Many farmers struggle to diagnose and address their crop problems. Integrated Pest Management (IPM) is a sustainable approach to the management of diseases, insects, mites, weeds including invasive plants, and wildlife. Learn the basic components of a successful program, focusing on accurately diagnosing crop problems, and gain insight about the newest pests in our region, such as spotted lanternflies and jumping worms. (Emily Zobel, University of Maryland Extension – Dorchester County)

### Narrative Justice: Spoons & Stories:
The Brown Girl Wellness, Inc. Narrative Justice Project uses the power of storytelling to transform communities and promote equity and justice. MyStoryMyBlock explores social determinants and various sectors of injustice in communities. Learn how these powerful, first-person stories featuring raw viewpoints from citizens in marginalized and historically oppressed communities are promoting generational change. (Dr. D. Rica Wilson, Brown Girl Wellness, Inc.)

### Greener Pastures: Tips for Managing Your Pastures & Hay Fields:
Join us to learn what improvements you could make to have more nutritious and productive pastures and hay fields. Jeff Semler is an Extension Agent in Washington County, MD. His focus areas are dairy, beef, and small ruminants as well as pasture management and forage production under both conventional and organic management. (Jeff Semler, University of Maryland Extension)
**Saturday, January 14**

**SESSION IV: 9:30 AM-10:30 AM (continued)**

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<tr>
<th>Made Local Salon II</th>
<th>Navigating Regulations for Value-Added Products &amp; Direct Farm Marketing: Join our speakers as they walk through the regulatory decision trees – pdfs and an online survey tool – to help growers who are interested in value-added production in Maryland. This session will also examine a Legal Guide to Direct Farm Marketing for Maryland Specialty Crop Growers. A representative from West Virginia will discuss regulations there as well. (Margaret Todd &amp; Sarah Everhart, University of Maryland Extension; Kacey Gantzer, WV Department of Agriculture)</th>
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<tbody>
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<td>Soil Health &amp; Regenerative Agriculture Calvert Ballroom</td>
<td>Interpreting Soil Tests for Established Growers: Calling all established growers with lingering questions about soil fertility in your pastures or crop fields! Daniel and Steffany from Seven Springs Farm Supply will walk you through how to interpret your soil test results and lay out some of your options. (Daniel Sweeney &amp; Steffany Yamada, Seven Springs Farm Supply)</td>
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**SESSION V: 11:00 AM-12:00 PM**

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<th>Beginning Farming Salon E</th>
<th>Africulture: Eating for Your Ethnic Type: Africulture will define and refine what produce is truly culturally appropriate for personal health for individuals, the environment, and the broader community. (Michael Carter Jr., Africulture/ Carter Farms)</th>
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<tbody>
<tr>
<td>Business of Farming Salon G</td>
<td>Conflict Resolution for Farm Leadership: Conflict is an inevitable part of any worthwhile endeavor – and properly addressing it can produce transformative results for our operations. Taught by a farmer, this interactive workshop will aid farm owners, operators, and managers in discovering their conflict style. Participants will leave with actionable tools for navigating conflict productively. Utilizing the communication strategies from this session can improve morale and increase employee retention on your farm. (Taylor Kinniburgh, The Baltimore Free Farm)</td>
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<tr>
<td>Crop Production Salon III</td>
<td>Soil and Plant Sensor-Based Irrigation Management: With advances in sensor, software, and telecommunication technologies, a farm’s real-time status (soil/plant/tree/equipment/water) can be monitored accurately with a wireless sensor network for a reasonable cost. In this workshop we’ll present a range of sensors used to monitor soil and plants to make irrigation decisions. (Jay Jayapalan, Woodpecker Microsystems; Michael Protas (Farmer Mike), One Acre Farm)</td>
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<td>Environment, Community, &amp; Policy Salon F</td>
<td>Urban Farming, Thriveability &amp; Farmtography: We need gardens in food deserts and marginalized communities impacted by generational trauma. The session will also focus on the importance of thriveability in historically oppressed communities that lack access to healthy food, and evaluate the power of urban farms as community healing spaces for holistic growth and productivity. Farmer Nell will explain the vital intersections between the power of farming, photography, and healing communities. (Dominic Nell “Farmer Nell” City Weeds, LLC; Dr. D. Rica Wilson Brown Girl Wellness, Inc.)</td>
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<tr>
<td>Grassfed: Meat &amp; Dairy Salon I</td>
<td>Agroforestry: How to Manage Forest-Based Pastureland: There are six recognized types of agroforestry and this session will provide detail – with practical examples – of each application and dive deep into pasture management, introducing forages into tree stands, protecting small trees, fencing, livestock species, shelter, managing disturbance, forage assessment, and stocking rates. (Lee Rinehart, National Center for Appropriate Technology; Mike Davis, National Center for Appropriate Technology)</td>
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<tr>
<td>Made Local Salon II</td>
<td>More Profits From Your Meats: There is a whole lot more to meat sales beyond selling raw butcher cuts. A smorgasbord more! Think sausages, meat sticks, chilis, pastas, burgers, broths, and more! A little more work leads to a HUGE payoff! Learn how to make a full-time salary from your animals this year. (Elizabeth Riffle, Riffle Farms – American Bison; Kelly Shepherd, What The Farm)</td>
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Saturday, January 14

SESShON V: 11:00 AM-12:00 PM (continued)

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<tr>
<th>Soil Health &amp; Regenerative Agriculture Calvert Ballroom</th>
<th>Managing Biochar for Soil Health and Carbon: Biochar applications on farm and forest lands can improve soil health, increase resilience, and mitigate climate change. This workshop will introduce important considerations of biochar and soils, and two tools to support biochar applications: National Biochar Atlas and the Dynamic Soil Property Response to Biochar SSURGO interpretation tool in Web Soil Survey. (Rachel Seman-Varner, American Farmland Trust; Amanda Cather, American Farmland Trust; Kristin Trippe, USDA; Richard Reid, USDA)</th>
</tr>
</thead>
</table>

SESShON VI: 3:00 PM-4:00 PM

| Beginning Farming Salon E | Transitioning From Homestead Gardener to Market Farmer: Going from home-gardener to growing produce for market sales is a big step. Learn to anticipate what you'll need to take your garden to the next level and sell through the market(s). (Cindy Conner, Homeplace Earth) |
| Business of Farming Salon G | The Road to Land Ownership: Challenges and Opportunities: Purchasing land can seem impossible with high land values, difficult loan logistics, and hefty down payments. However, if you want to invest in better infrastructure for your farm, are ready to transition from paying a lease, and build wealth for you and your family, it is possible. Join to hear from two farmers and a non-profit school on the process of purchasing farm land. (Ann Sutton a.k.a. Farmer Gale, Deep Roots farm; Renard Turner, Vanguard Ranch; Valencia Wood, Mandala School) |
| Environment, Community, & Policy Salon F | Leveraging Technology to Support Resilient Local Food Systems: This session discusses successes, challenges, and lessons learned in using technology to support resilient food systems. Hear how Chesapeake Farm to Table leverages technology to help build sustainable small-scale agriculture in the Baltimore area by running a farmer-managed online marketplace. (Beckie Gurley, Chesapeake Farm to Table; Stefanie Jaeger, Local Food Marketplace) |
| Made Local Jim Henson Room | Urban Farming: Getting Realistic About How to Make it Work: Join for an honest discussion with keynote speaker Farmer Chippy about the challenges and opportunities of farming in urban spaces. (Richard Francis “Farmer Chippy,” Plantation Park Heights Urban Farm) |
| Soil Health & Regenerative Agriculture Calvert Ballroom | Deciding to Verify or Certify? E.O.V. and Real Organic: Growers dedicated to improving their soil health and ecological outcomes have options for verification and certification that they may not yet know of. Join this panel to learn about Ecological Outcome Verification from Daniel Griffith of the Robinia Institute and about The Real Organic Project from Erica Coady. (Daniel Firth Griffith, Robinia Institute; Erica Coady, Real Organic Project) |

Regenerative Agriculture on a Global Scale for People and the Planet

Dr. Rattan Lal (virtual address)

How can regenerative agriculture be adapted to produce enough food, mitigate climate change, and advance the sustainable development goals of the United Nations on a global scale? Rattan Lal, Ph.D. has dedicated his career to exploring this question. The answer is truly from the ground up. Because there is no one-size-fits all practice for diverse soils, ecoregions, and communities, this urgent work must be done collaboratively and creatively starting at the local level. Dr. Lal is a Distinguished University Professor of Soil Science and is the founding Director of the CFAES Rattan Lal Center for Carbon Management and Sequestration at The Ohio State University. He received the 2020 World Food Prize.
CONGRATULATIONS TO OUR AWARD WINNERS

Farmer of the Foodshed
Rob Young
Young Harvests Farm
Jefferson County, West Virginia

Community Award in Honor of Niamh Shortt
The Quinton Family
For their work on preserving the agricultural heritage of the San Domingo Community
Wicomico County, Maryland

Colchester Legacy Award
Darlene Goehringer and Arthur Wilson
Pop’s Old Place
Hurlock, Maryland

YEAR-ROUND LEARNING, ON-FARM AND VIRTUAL

Join the Future Harvest Field School in 2023 for a mix of online and on farm programming! From financial webinars to hands-on classes, the field school offers programming for farmers of all experience levels.

Learning how to evaluate pasture? Looking for more resources about soil health? Interested in growing small grains?

Visit www.futureharvest.org to learn more about our upcoming events in Maryland, Virginia, West Virginia, Delaware, and the District of Columbia.

JOIN THE COMMUNITY

FUTURE HARVEST BULLETIN BOARD & COMMUNITY CALENDAR

Did you know that our website is home to a Community Calendar and Bulletin Board where anyone can post about job openings, land opportunities, farm-focused events, workshops, equipment sales and more? For free! Submit your listings online or email deb@futureharvest.org

Follow @FHCASA on Social Media>>>
WE HAVE LOTS TO OFFER YOU...

...if you are a Value-Added Producer in Delaware or Maryland.
...if you need help with starting your value-added business.
...if you need help growing your value-added business.
...if you need product safety training.
...if you need to access to a revolving loan fund for up to $50,000.
...or if you need access to business resources to help you with any aspect of your business.

The Chesapeake Agriculture Innovation Center (CAIC) offers ongoing assistance in all of the above areas through our ongoing programs.

WE WANT TO HELP YOU...

...so please check us out at our Web site at caic.org.
...you can register there for our free or low-cost programs and services.

WE WANT TO TALK TO YOU...

Give us a call at 410-770-9330 Ext. 4 or send an email to emiliano@caic.org if you have any questions.

The Chesapeake Agriculture Innovation Center – located in Easton, Maryland – is a program of the Eastern Shore Entrepreneurship Center. Funded by a grant from USDA.
Mastering the Money-Saving Art of Sustainable Living has Never Been Easier!

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2023 IN-PERSON Calendar

**FEB. 18-19**
Bell County Expo Center
BELTON, TEXAS

**APRIL 29-30**
Douglas County Fairgrounds
LAWRENCE, KANSAS

**JULY 15-16**
Bayfront Convention Center
ERIE, PENNSYLVANIA

**SEPT. 16-17**
The Washington County Fair Park & Conference Center
WEST BEND, WISCONSIN

Schedules and programming subject to change.

**ONLINE Workshops**

Mother Earth News Fair Online is a learning platform featuring more than 50 courses with more than 200 workshop videos. Plus, new courses are added monthly.

Get access to all our video content with a 7-day free trial to our All-Access Subscription then just $35/year!

Here are just three of our excellent speakers and topics!

**SOIL BUILDING**
LEAH WEBB

**MAPLE SYRUP PRODUCTION**
AMY ROSE FOLL

**INTRO TO RAISING PIGS**
PORK RHYNE

For more information on upcoming events and online courses and webinars — including sponsor inquiries — please call 800-234-3368 or visit MotherEarthNewsFair.com.

Schedules and programming subject to change.
UMES Extension’s Small Farm Program provides outreach and educational opportunities in order to strengthen farmer’s knowledge and skill set in the production, marketing, and business aspects of owning and managing a farm successfully.

Our Mission is to educate the public about the importance of the honeybee to agriculture and life in general, to promote the benefits of eating locally produced honey, and to provide current information necessary to manage a colony of honeybees on a continuing basis.

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APPLICATIONS ARE OPEN FOR FUTURE HARVEST’S 2023 AGRICULTURAL LEADERSHIP DEVELOPMENT INITIATIVE (ALDI)

A program designed to help BIPOC and BIPOC Veteran Farmers gain the skills they need to advance their farming careers and become leaders in their communities. Nine months of free, tailored, culturally sensitive, multi-modal training on-farm, online, and through mentorship.

Participants Gain Training In:

- Social Media Marketing
- Co-op Development
- Record Keeping
- Business Management
- Policy
- Specialty Crop Marketing
- Grants
- Loan Management
- USDA Programs

Learn more and apply at www.futureharvest.org/programs/agricultural-leadership-initiative/

Let us Help You Grow Your Farm

The Maryland Department of Agriculture has many programs to help your farm succeed. Check out our free marketing services, healthy soils grants, and small farm conservation programs:

- Maryland’s Best
- Certified Local Farm Enterprise Program
- Healthy Soils Competitive Fund
- Small Farm and Urban Agriculture Program

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Regenerative Agriculture
for Farmers, Consumers and the Planet
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buylocalchesapeake.org
Maryland’s hospitals, prisons, and state universities spend over $200 million on food every year.

The Certified Local Farm Enterprise Program created a purchasing goal for state agencies to purchase 20% of their food from Certified Local Farm Enterprises (2020 HB 1488/SB 985).

Take advantage of the state’s law.

Benefits of joining the program:
Your contact information and list of products will be included in the Certified Local Farm Enterprise Public Directory for state agencies or prime contractors to access.

— Potential consistent institutional market —

It’s easy — and free — to sign up your farm.

Sign up for the Certified Local Farm Enterprise Program. You just need your nutrient management plan to become certified. Not sure if you’re eligible? Email us, and our staff will walk you through the process.

NEED MORE INFORMATION?
Contact Karen Fedor at local.food@maryland.gov

SCAN THE QR CODE TO SIGN UP TODAY!
The Maryland Agricultural and Resource-Based Industry Development Corporation (MARBIDCO), is a quasi-public financial intermediary development organization, offering low-interest loans and other incentive programs to assist qualifying Maryland farm, forestry, and seafood businesses. Often partnering with commercial lenders, MARBIDCO helps ag businesses secure affordable capital and credit for capital equipment, commercial facilities, and real estate purchases. Through our programs over the last 15 years, MARBIDCO has helped more than 541 young and beginning farmers. Assisting many with the purchase of their first farms!

Three of our key programs include the Maryland Resource-Based Industry Financing Fund (MRBIFF), the Next Generation Farmland Acquisition Program (The Next Gen Program), and the Maryland Urban Agriculture Commercial Lending Incentive Grant Program.

**What is the MRBIFF program?**
The Maryland Resource-Based Industry Financing Fund, or “MRBIFF,” offers low-interest loans to young and/or beginning farmers and other agricultural and rural businesses for the purchase of land and capital equipment for production and processing activities. MARBIDCO can provide MRBIFF loan amounts up to $300,000 for acquisition of equipment and fixed assets, $600,000 for real estate purchases, food/meat processing and bioenergy projects, and $900,000 for large-scale food/fiber processing projects of $3.6 million and up. Through the MRBIFF program, MARBIDCO provides 20% to 40% of financing needed for a project, and a commercial lender and/or a public instrumentality must also have an equal financial commitment in the transaction. Note: MARBIDCO typically takes a subordinate position on the collateral security and under appropriate circumstances will approve real estate loans up to 100% combined loan-to-value.

**What options do urban farmers have?**
MARBIDCO offers the Maryland Urban Agriculture Commercial Lending Incentive Grant Program to beginning or existing urban farmers, with some matching support from Farm Credit. The program is designed to help meet the farmers’ financing needs by providing an incentive for them to seek commercial lender financing for the development or expansion of their agricultural enterprises. The participation of a commercial bank, Farm Credit Association, or USDA-FSA in providing project financing is required. The maximum amount of the incentive grant is $10,000, calculated at no more than 20% of the project’s total cost and no more than 25% of the amount of the approved commercial loan for the project. (The minimum grant amount is $1,000 – with a commercial loan of $4,000, combined for a $5,000 project being financed.)

**How does MARBIDCO help Next Generation farmers?**
The Next Generation Farmland Acquisition Program (Next Gen Program) and the Small Acreage Next Generation Farmland Acquisition (SANG) Program were established by MARBIDCO to help qualified young or beginning farmers who have trouble entering or staying in the agricultural profession because of relatively high farmland costs and a lack of access to adequate financial capital to purchase farmland. These programs are relatively speedy farmland conservation easement option purchase programs designed to help facilitate the transfer of farmland to a new generation of farmers, while at the same time, effectively helping to preserve the subject agricultural land from future development.

**Regional Equity Incentive Grants**
Special Regional Equity Incentive Grant Funding of up to 5% (for MARBIDCO loans) is also available for farmers in Southern Maryland (including Anne Arundel, Calvert, Charles, Prince Georges, and St. Mary’s counties), and in the Upper Shore of Maryland (including Cecil, Kent, and Queen Anne’s counties).