

NC-1186 Annual Meeting and Grower Workshop

Cincinnati, OH

September 6 –8, 2023

W. Garrett Owen

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Cell: 704-798-4577

Day 1: Wednesday, September 6, 2023

NC-1186 members arrive in Cincinnati.

3:00 – 6:00 PM:

Cincinnati Zoo and Botanical Garden (CZBG) and CZBG Urban Learning Garden at Rockdale Academy Tour

Address: 3400 Vine Street, Cincinnati, OH 45220

Parking: Park in one of the two main parking lots. Refer to map below. Free parking passes (barcodes) emailed from CZBG to Garrett, Jim, James, Jake, and Sarah (those known to be driving). Carpooling, Uber, and Lyft available.

Meeting location: Meet outside the turnstiles at the Main entrance. From North Lot, use the new sky bridge to cross Erkenbrecher Ave.

Access: All NC-1186 members and graduate students added to CZBG VIP list for free entry.



6:00 PM:

Dinner

On your own with colleagues.

I would encourage everyone to consider visiting [Over-The-Rhine](#), Downtown, or Northside districts for food, breweries, distilleries and more. Additional information can be found [here](#).

Day 2: Thursday, September 7, 2023

2023 NC-1186 Annual Meeting

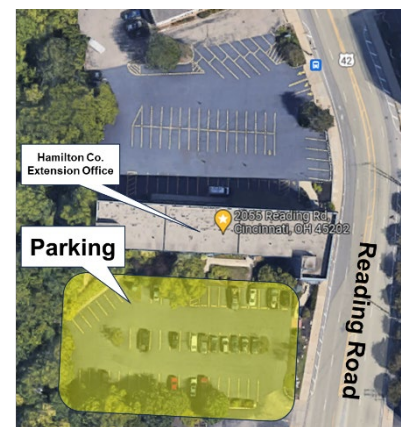
In-person location:

[Hamilton County Extension Office](#)

2055 Reading Road, Cincinnati, OH 45202

Zoom link:

Passcode: 483190



Each presenter will need to upload their PowerPoint or PDF file to this [Google Drive folder](#). Please rename your file in the format of [no._experimental station_last name]. I will have the capability of uploading your presentation via USB drive the morning of the meeting.

Agenda

(Timing will be strictly enforced)

No.	Start time (EST)	End time (EST)	Experimental station	Presenter(s)	Mode
	8:00 AM	8:30 AM	Coffee		
	8:30 AM	9:15 AM	Welcome & Open Business Meeting	Garrett Owen	In-person
			North Central Executive Director		
			Presentation and Report	Jeanette Thurston	In-person
1	9:15 AM	9:45 AM	Ohio – The Ohio State University & USDA-ARS	Garrett Owen, Jim Owen, & James Altland	In-person
2	9:45 AM	10:15 AM	Tennessee – University of Tennessee, Knoxville & USDA-ARS	Amy Fulcher & Jacob Shreckhise	In-person
3	10:15 AM	10:30 AM	California – University of California Cooperative Extension San Diego	Gerry Spinelli	In-person
	10:30 AM	10:45 AM	Coffee Break		
4	10:45 AM	11:00 AM	South Carolina - Clemson	Sarah White	In-person
5	11:00 AM	11:30 AM	Georgia – University of Georgia	Ping Yu, Alexa Lamm, & Kristin Gibson	In-person
6	11:30 AM	11:45 AM	Louisiana – Louisiana State University	Jeb Fields	In-person
7	11:45 AM	12:00 PM	New Jersey – Rutgers University	Raul Cabrera	In-person

*Business meeting agenda:

- Welcome and introductions
- Approval of minutes from 2022
- Updates on collaborative research and grant activities (past, current, and proposed)
- Discussion on joint outputs
- Nomination and election of incoming secretary
- Announcements and upcoming events and relevant conferences
- 2024 meeting location
- Other new businesses

12:00 – 1:00 PM:

Lunch

Hamilton County Extension office

1:00 – 1:30 PM:

Commute to Natorp's Nursery Outlet & Landscaping

Address: 8601 Snider Rd, Mason, OH 45040
(Carpooling available).

Parking: Natorp's Nursery Design Studio (see map)

Meeting location: Natorp's Design Studio (see map)

1:30 – 5:00 PM:

Tour Natorp's Nursery Outlet & Landscaping

Greenhouse facilities, propagation, production lines, container pads, in-ground field-grown trees and shrubs, pot-in-pot systems, overwintering structures, and retail center.



About Natorp's Nursery Outlet & Landscaping:

The story of Natorps begins in 1916 with William A. Natorp. As a young horticulturalist, William left his home in Germany and traveled to Cincinnati. William began by placing an advertisement for landscape services in a florist window and developed into Natorp's Landscape Design. Four generations and re-locations later, Natorp's Nursery Outlet & Landscaping is a 333-acre commercial greenhouse, nursery, and retail facility offering annual, perennial, trees, shrubs, and tropical plants to Cincinnati and beyond. Natorp's captures runoff from neighboring communities, clean and use for irrigation. In addition, Natorp's has an award-winning landscape design firm and an online plant store.

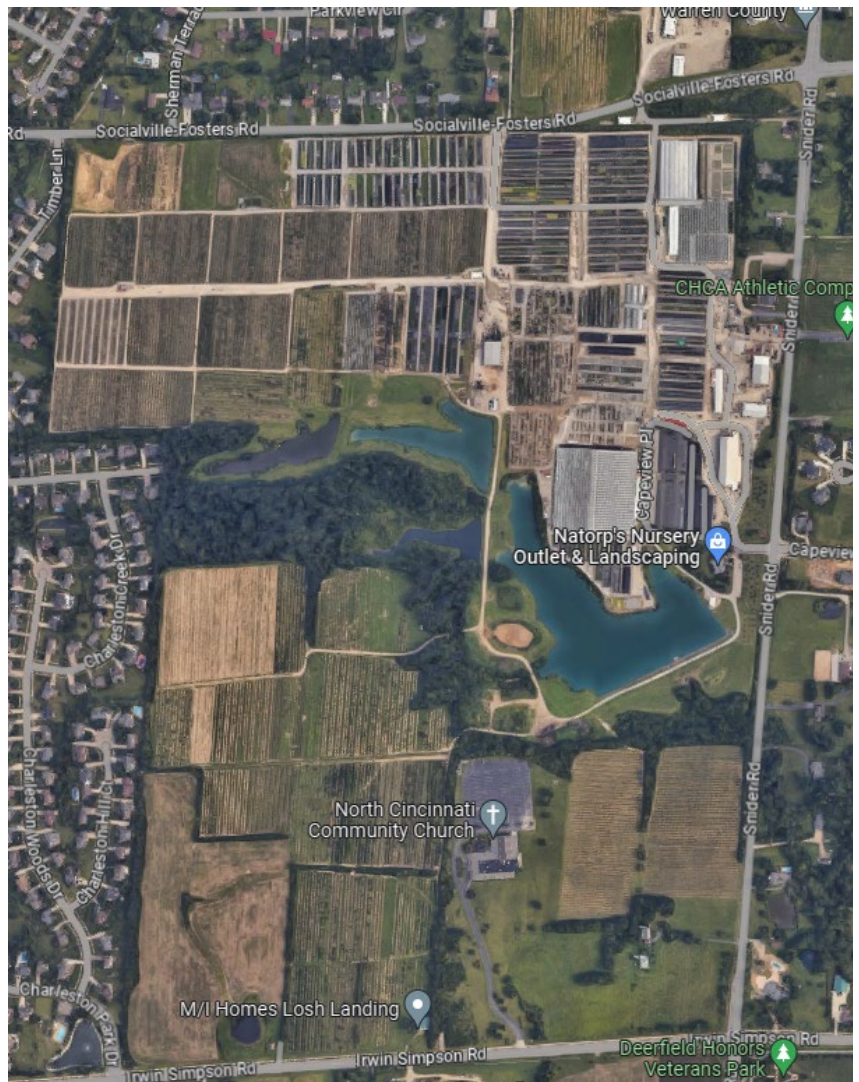
5:00 PM:

Dinner and Cocktails

Natorp's Nursery – Patio of Landscape Design Studio

7:00 PM:

Return to hotel or Explore Cincinnati



Day 3: Friday, September 8, 2023

Water Management and Quality for Greenhouse and Nursery Crop Production Workshop

In-person location:

[Hamilton County Extension Office](#)

2055 Reading Road, Cincinnati, OH 45202

9:00AM – 3:00 PM

Agenda

(Timing will be strictly enforced)

<i>Start time (EST)</i>	<i>Time (min)</i>	<i>Title</i>	<i>Presenter(s)</i>
8:00 AM		Set-up	Owen Lab
8:30 – 9:00 AM	30	Registration, Check-in, and Coffee and Morning Snack	
9:00 – 9:05 AM	5	Welcome Opening Remarks	Garrett Owen, PhD – The Ohio State University
9:05 – 9:45 AM	40	Irrigation and Your Water!	Jim Owen, PhD – USDA-ARS
9:45 – 10:25 AM	40	Reservoir Water Quality and Management	Sarah White, PhD – Clemson University
10:25 – 10:40 AM	15	Break – Coffee, Water, Morning Snack, Restroom	
10:40 – 11:20 AM	40	Managing Soluble Salts in Nursery and Greenhouse Production	Raul Cabrera, PhD – Rutgers University
11:20 – 12:00 PM	40	Explore a Cost-friendly Way for Plant Nitrogen Stress Identification	Ping Yu, PhD – University of Georgia
12:00 – 12:50 PM	50	Lunch (<i>Panera boxed lunch delivered</i>)	
12:50 – 1:30 PM	40	Stratified Substrates Can Improve Crop Productivity and Costs	Jeb Fields, PhD – Louisiana State University
1:30 – 2:10 PM	40	Irrigation Frequency and Container Color Affect Substrate Temperature and Controlled-release Fertilizer Longevity	Jake Shreckhise, PhD – USDA-ARS
2:10 – 2:55 PM	45	Discussion of Emerging Water Quality Issues	Alexa Lamm, PhD – University of Georgia
2:55 – 3:00 PM	5	Closing Remarks	Garrett Owen, PhD – The Ohio State University