



Agenda & Presenters

8.45 Welcome

9.00-10.00 Plant pathogens

- Adele McLeod, Stellenbosch University, adelem@sun.ac.za - Biology of waterborne pathogens
- Paul Fisher, University of Florida, pfisher@ufl.edu - Filtration and chemical water treatment for pathogens

10.30-11.30 Reservoirs and ecological water treatment

- Sarah White, Clemson University, swhite4@clemson.edu - Reservoir design and ecological water treatment
- Loren Oki, University of California at Davis, lroki@ucdavis.edu - Slow sand filtration

11.30-12.30 Ions and pesticides

- Raul Cabrera, Rutgers University, cabrera@njaes.rutgers.edu - Managing ions and alkalinity in water
- Tom Fernandez, Michigan State University, fernan15@msu.edu - Managing pesticide transport, & treatment with woodchip bioreactor

12.30-1.45 Lunch

1.45 – 2.45 Irrigation

- John Lea-Cox, University of Maryland, jlc@umd.edu - Integrating substrate, plant and atmospheric water demand
- Amy Fulcher, University of Tennessee, afulcher@utk.edu - Simple Calculations to Improve Irrigation Efficiency

3.00 – 4.00 Substrates & weeds

- Jim Owen, US Dept of Agriculture-ARS, Jim.Owen@usda.gov - Irrigation, fertilizer, & your substrate
- James Altland, US Dept of Agriculture-ARS, james.altland@usda.gov - Managing weeds in the nursery

4.00 – 4.30 Wrap Up

- Paul Fisher - Online resources (10 mins)
- Shaun Biggs, shaun@sutherlandseedlings.co.za - Questions and follow up (15 mins)
- Program Evaluation (5 mins)

4.30 Sponsored Networking, Drinks and Snacks



Online resources

- Handouts for workshop: SGASA seedlinggrowers.co.za/symposium-and-events
- Water treatment research and calculators: Clean WaterR3 team cleanwater3.org
- Online certificate grower training: University of Florida hort.ifas.ufl.edu/training
(20% discount code SAGROW2023)
- Online calculators: University of Florida backpocketgrower.org
- Fertilizer fact sheets: eGro University fertdirtandsquirt.com