



The 73rd Annual Crop Protection School Agenda

Wednesday December 1, 2021

Online via Zoom using this link

<https://bit.ly/3Fj2liu>

Meeting ID: 972 3614 6940

Passcode: To be given upon confirmation of attendance with Dominic Reisig, ddreisig@ncsu.edu

One tap mobile

+14702509358,,97236146940# US (Atlanta)

Purchase 2022 NC Agricultural Chemical Manual at: <https://bit.ly/2Tdm2S5>

N, O, D, and X Pesticide (3 hours) and CCA Integrated Pest Management credits (3.5 hrs IPM and 1.5 hrs Crop Management) available. See bottom of agenda for details.

A five-minute break will follow all presentations

- 9:45 AM** **Welcome-** Dr. Dale Monks and Dr. Dominic Reisig
- 10:00 AM** **NC State CALS in New Areas of Technology-** Dr. Rich Bonanno (Associate Dean, CALS and Director, NC State Extension)
- 10:30 AM** **Digital Farming Technologies for Disease Surveillance, Pathogen Detection and Forecasting-** Dr. Jean Ristaino (William Neal Reynolds Distinguished Professor and Director Emerging Plant Disease and Global Food Security Cluster, NC State University)
- 11:00 AM** **Intelligent Weeders, New Weed Control Technology for Vegetable Crops-** Dr. Steven Fennimore (Extension Specialist, University of California, Davis)

- 11:30 AM** **Introducing the New Interactive Online Agricultural Chemicals Manual- Sr. Sara Villani (Assistant Professor and Extension Specialist, NC State University)**
- 12:00 PM** **LUNCH**
- 1:00 PM** **Biologicals- The Unexpected Complexity of Returning to a “Simpler” Way of Farming- Dr. Natalie Hummel (Global Head of New Ag Technologies, UPL)**
- 1:30 PM** **Putting Precision Ag Technologies in the Hands of Southeast Farmers- Dr. Brenda Ortiz (Professor & Extension Specialist, Auburn University)**
- 2:00 PM** **Grafting Vegetables: The Science and Practice of Growing New Roots- Dr. Frank Louws (Department Head of the Department of Horticultural Science, NC State University)**
- 2:30 PM** **Solution-Driven Ag Research in the 21st Century- Optical Sensing and Precision Releases of Natural Enemies- Dr. Christian Nansen (Associate Professor, University of California, Davis)**
- 3:00 PM** **ADJOURN**

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Participants are required to be present for the entire course to receive credit, verified using a zoom report. Therefore, it is critical that participants sign into Zoom using an account that lists their full name. No partial credit will be given to those that arrive late or leave early. For those that want credit, participant cameras are required to remain on during the presentations (not during breaks), so be sure to call in from a location with adequate signal.

For questions or concerns, please contact Dominic Reisig (ddreisig@ncsu.edu).