



2024
MID-ATLANTIC
fruit & vegetable convention
JANUARY 30–FEBRUARY 1, 2024
 HERSHEY LODGE
 Hershey, Pennsylvania
 www.mafvc.org

Pre-Convention Workshop
Sustainable High Tunnel Vegetable Production
January 29, 2024

Sponsored by Pro Farm Group
\$70 includes lunch and educational materials
9:00 am - 4:30 pm

This full-day workshop featuring several highly qualified academic and industry experts will offer a unique opportunity to deepen your knowledge on novel sustainable high tunnel technologies and crop management solutions. The workshop has been designed to address the needs of both beginning and advanced high tunnel growers, technicians, students, and professionals and will cover a series of aspects considered critical for the short- and long-term sustainability and profitability of high tunnel production systems. Topics covered include: a) high tunnel construction, siting and feature considerations for adequate temperature and crop ventilation management; b) soil health and sustainable management of soilborne pests and pathogens; c) ways to include cover crops in the crop rotation and benefit from their multiple functions; c) organic amendment, nutrient management and in-season crop monitoring for the rationale fertigation of conventional and organic high tunnel crops; d) cucumber and other profitable crops alternative to fresh-market tomatoes and lettuce, and best crop rotation strategies for year-round production; e) variety selection for different vegetable high tunnel crops with general recommendations and specific suggestions; f) novel technologies and solutions for spraying in high tunnels and their calibration; g) proactive crop disease management, and g) biocontrol solutions for pest management in high tunnel crops. The workshop will be highly interactive with Q&A (question and answer) and discussion session after each presentation. Lunch and coffee break will offer the opportunity to establish a contact and network with speakers, industry professionals, other attendees, and representatives of the companies sponsoring the workshop. The workshop includes at least one presentation that will provide Pesticide Core Credits.

- 9:00 **High Tunnel Construction, Siting, and Feature Considerations for Adequate Temperature and Crop Ventilation Management** – Dr. Matthew Kleinhenz, Ohio State Univ.
- 9:45 **Soil Health and Sustainable Management of Soilborne Pest and Pathogens** – Dr. Francesco Di Gioia and Joe Ono Raphael, Penn State
- 10:30 **Cover Crops in High Tunnels** – Dr. Annette Wszelaki, Univ. of Tennessee
- 11:00 **Developing Integrated Nutrient Management to Enhance Organic Vegetable Production in High Tunnels** – Prof. Xin Zhao, Univ. of Florida
- 11:45 **In-season Monitoring and Nutrient Management via Fertigation** – Dr. Francesco Di Gioia, Penn State
- 12:15 **Lunch Break and Sponsor Presentation**
- 1:00 **Variety Selection in High Tunnels: General Strategies & Specific Suggestions** – Dr. Becky Sideman, Univ. of New Hampshire
- 1:45 **Cucumber High Tunnel Production** – Dr. Wenjing Guan, Purdue Univ.
- 2:30 **Beyond Tomatoes and Lettuce: Crop Rotations to Maximize Profit and Minimize Soil Issues** – Dr. Annette Wszelaki, Univ. of Tennessee
- 3:00 ***Proactive Vegetable Crop Disease Management in High Tunnel** – Steve Bogash, ProFarm
- 3:30 ****Biocontrol Solutions for the Management of Key Pests in High Tunnel** – Carol Glenister, IPM Labs

Pre-registration is required.
Register with the group of your choice [here](#).
For information call 717-973-5915