

The 2027 Greenhouse Hydroponic Tomato Workshop

At the University of Arizona Controlled Environment Agriculture Center (CEAC)
With Dr. Triston Hooks, January 8 – 10 (Fri – Sun), 2027

Friday, January 8th

Morning Session (In-person and Online)

- 8am – 9am Check-in
- 9am – 10am Introductions, CEAC History, Workshop Overview
- 10am – 11am Principles of CEA and Hydroponics
- 11am – 12pm Hydroponic Substrate and Tomato Propagation

Afternoon Session (In-person only)

- 12pm – 1pm Lunch provided!
- 1pm – 2:30pm CEAC facilities tour
- 2:30pm – 3pm Break
- 3pm – 5pm Hands-on Greenhouse Hydroponic Tomato Propagation, Boosting, and Transplanting



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Saturday, January 9th

Morning Session (In-person and Online)

- 9am – 10am Hydroponic Nutrient Solutions
- 10am – 11am Tomato Nutrient Deficiencies
- 11am – 12pm Tomato Morphology and Plant Steering

Afternoon Session (In-person only)

- 12pm – 1pm Lunch provided!
- 1pm – 2:30pm Hands-on with Hydroponic Nutrient Solutions, Stock Replenishment, EC/pH, and Lysimeters
- 2:30pm – 3pm Break
- 3pm – 5pm Hands-on Greenhouse Hydroponic Tomato Steering (pruning, C-clips, and lowering and leaning)

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Sunday, January 10th

Morning Session (In-person and Online)

- 9am – 10am Integrated Pest Management (IPM) for Tomato
- 10am – 11am Tomato Pollination, Fruit, and Harvesting and Grading
- 11am – 12pm CEAC panel discussion

Afternoon Session (In-person only)

- 12pm – 1pm Lunch provided!
- 1pm – 2:30pm Hands-on with pest ID, beneficial insects, and bumblebee hive demo
- 2:30pm – 3pm Break
- 3pm – 5pm Hands-on Tomato Harvesting, Grading, and Tasting with BRIX (sugar) measurements
- 5pm – 5:30pm Group photo and Farewells!