

In-Service Training ([IST#: 32369](#))/CEU Roundup ([FDACS Program #: 39061](#))/ CCA CEU Tracking #: [FL54737 thru FL 54742](#)

## **New Technology for Commercial Crop Production (XIII)**

*Wednesday, February 26, 2025, from 8:45 to 4:00 PM*

**Blueberry Classroom 154 and statewide available via Canvas/Zoom**

## **Publications Related to the Presentations for IST32369**

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*There are **50 EDIS and other publications** related to the six presentations. The link for each of the presentations is provided below.*

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**New Technology for Commercial Vegetable and Fruit Production (XIII)**

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**Blueberry classroom 154 (behind Fifield) & via Canvas**

**Publications related to Dr. Seonghee Lee's talk**

**Presentation Title:**

**Enhancing the Sweetness and Flavor of Florida Strawberries Using  
Modern Plant Breeding**

1. <https://edis.ifas.ufl.edu/publication/HS1334>
2. <https://edis.ifas.ufl.edu/publication/HS1448>
3. <https://edis.ifas.ufl.edu/publication/HS1315>
4. <https://edis.ifas.ufl.edu/publication/HS1343>
5. [DNA, Technology, and Florida Strawberries](#)

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### **Publications related to Dr. Guodong Liu's talk**

#### **Presentation Title:**

#### **Oxygen Fertilization: A Game Changer for Soils and Crops**

1. <https://edis.ifas.ufl.edu/publication/HS1280>
2. <https://edis.ifas.ufl.edu/publication/SS425>
3. <https://www.nature.com/articles/s41598-022-08165-5>
4. <https://www.nature.com/articles/s41598-020-78198-1>
5. <https://www.mdpi.com/2223-7747/13/23/3384>
6. <https://www.sciencedirect.com/science/article/pii/S0304423816301108>
7. <https://access.onlinelibrary.wiley.com/doi/epdf/10.2136/sssaj1959.03615995002300050009x>
8. <https://www.sciencedirect.com/science/article/pii/S0304423816301108>
9. <https://onlinelibrary.wiley.com/doi/full/10.1002/jpln.201300424>
10. <https://journals.ashs.org/hortsci/view/journals/hortsci/47/12/article-p1714.xml>
11. <https://www.tandfonline.com/doi/full/10.1080/01904167.2012.639922>
12. <https://iopscience.iop.org/article/10.1088/1755-1315/315/5/052056/pdf>
13. [https://journals.lww.com/soilsci/abstract/1982/08000/Soil\\_Aeration\\_and\\_Plant\\_Growth\\_Response\\_To\\_Urea.5.aspx#ContentAccessOptions](https://journals.lww.com/soilsci/abstract/1982/08000/Soil_Aeration_and_Plant_Growth_Response_To_Urea.5.aspx#ContentAccessOptions)
14. [https://doi.org/10.1016/S0065-2113\(08\)60648-3](https://doi.org/10.1016/S0065-2113(08)60648-3)
15. <https://www.sciencedirect.com/science/article/pii/009884729090070K>
16. <https://www.sciencedirect.com/science/article/abs/pii/S0065211305880083?via%3Dihub>

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## **Publications related to Dr. Pavlos Tsouvaltzis's talk**

### **Presentation Title:**

#### ***Nutrient Management in Greenhouse Hydroponic Vegetable Production***

1. Hydroponic Vegetable Production in Florida. <https://edis.ifas.ufl.edu/publication/HS405>
2. Common Media Used in Hydroponics. <https://edis.ifas.ufl.edu/publication/EP623>
3. Nutrient Solution Formulation for Hydroponic (Perlite, Rockwool, NFT) Tomatoes in Florida. <https://edis.ifas.ufl.edu/publication/CV216>
4. Water and Nutrient Management Guidelines for Greenhouse Hydroponic Vegetable Production in Florida. <https://edis.ifas.ufl.edu/publication/HS1274>
5. Production Systems—Florida Greenhouse Vegetable Production Handbook, Vol 2. <https://edis.ifas.ufl.edu/publication/CV255>
6. Knott's Handbook for Vegetable Growers. <https://onlinelibrary.wiley.com/doi/chapter-epub/10.1002/9780470121474.fmatter>
7. Hydroponic Food Production- A Definitive Guidebook for the Advanced Home Gardener and the Commercial Hydroponic Grower. <https://www.routledge.com/Hydroponic-Food-Production-A-Definitive-Guidebook-for-the-Advanced-Home-Gardener-and-the-Commercial-Hydroponic-Grower/Resh/p/book/9781003133254>

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### **Publications related to Dr. David Bryla's talk**

#### **Presentation Title:**

#### **Irrigation Scheduling in Blackberries**

1. [Water use by 'Columbia Star' trailing blackberry in western Oregon. Irrigation Science 42:1229-1244 \(2024\)](#)
2. [Weed management, training, and irrigation practices for organic production of trailing blackberry: I. Mature plant growth and fruit production. HortScience 50:1165-1177 \(2015\)](#)
3. [Weed management, training, and irrigation practices for organic production of trailing blackberry: II. Soil and aboveground plant nutrient concentrations. HortScience 51:36-50 \(2016\)](#)
4. [Weed management, training, and irrigation practices for organic production of trailing blackberry: III. Accumulation and removal of aboveground biomass, carbon, and nutrients. HortScience 51:51-66 \(2016\)](#)
5. [Weed management practices for organic production of trailing blackberry: I. Plant growth and early fruit production. HortScience 48:1139-1144 \(2013\)](#)

6. [Weed management practices for organic production of trailing blackberry: II. Accumulation and loss of biomass and nutrients. HortScience 49:35-43 \(2014\)](#)
7. [Do primocanes and floricanes compete for soil water in blackberry. Acta Horticulturae 777:477-482 \(2008\)](#)
8. [Crop evapotranspiration and irrigation scheduling in blueberry. In: Evapotranspiration - From Measurements to Agricultural and Environmental Applications \(2011\)](#)
9. [Weighing lysimeters for developing crop coefficients and efficient irrigation practices for vegetable crops. HortScience 45:1597-1604 \(2010\)](#)
10. [Influence of irrigation method and scheduling on patterns of soil and tree water status and its relation to yield and fruit quality in peach. HortScience 40:2118-2124 \(2005\)](#)
11. <https://edis.ifas.ufl.edu/publication/HS104>
12. <https://edis.ifas.ufl.edu/publication/EP617>
13. <https://edis.ifas.ufl.edu/publication/EP617>

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**Publications related to Dr. Peter Dittmar's talk**

**Presentation Title:**

**Working With Growers to Identify, Correct, and Prevent Herbicide Injury**

1. <https://edis.ifas.ufl.edu/publication/HS1363>
2. <https://edis.ifas.ufl.edu/publication/AG374>
3. <https://edis.ifas.ufl.edu/publication/EP575>
4. <https://edis.ifas.ufl.edu/publication/PI232>
5. <https://edis.ifas.ufl.edu/publication/CG013>
6. <https://edis.ifas.ufl.edu/publication/PI170>

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**Publications related to Dr. Steven Sargent's talk**

**Presentation Title:**

***Adapting Technology to Extend Postharvest Quality of Fresh Fruits  
and Vegetables***

1. <https://edis.ifas.ufl.edu/publication/HS1270>
2. <https://edis.ifas.ufl.edu/publication/HS1459>
3. <https://edis.ifas.ufl.edu/publication/HS1468>