Gulf Coast REC Virtual Field Day
Wednesday February 10, 2021

8:45 a.m.  Start Zoom - instructions to participants
9:00 a.m.  Welcome – Dr. Jack Rechcigl, GCREC Center Director/Professor
9:05 a.m.  Welcome – Dr. Scott Angle, Vice President of UF/IFAS

9:20 a.m.  Introduction – Lisa Hickey, Manatee Co. Extension
STRAWBERRY PRODUCTION – Lisa Hickey, moderator

   Session 1 PRE-TEST LINK for CEU and CCA credits

9:30 a.m.  Strawberry Breeding - Dr. Vance Whitaker, Associate Professor
   Two new UF strawberry varieties

9:45 a.m.  Strawberry Genetics – Dr. Seonghee Lee, Assistant Professor
   Strawberry tissue culture and cultivar improvement

10:00 a.m.  Ag Economics – Dr. Zhengfei Guan, Associate Professor
   Mexican trade updates

10:15 a.m.  Q&A - Session 1 – Lisa Hickey, moderator

   Session 1 POST-TEST LINK for CEU and CCA credits

STRAWBERRY PEST & DISEASE CONTROL – Lisa Hickey, moderator

   Session 2 PRE-TEST LINK for CEU and CCA credits

10:30 a.m.  Pest/Disease Control – Dr. Johan Desaeger, Assistant Professor
   Overview of chemical and non-chemical nematode management in vegetables and strawberries

10:45 a.m.  Pest/Disease Control – Dr. Sriyanka Lahiri, Assistant Professor
   Insect management in organic strawberries.

11:00 a.m.  Pest/Disease Control – Dr. Natalia Peres, Professor
   Neopestalotiopsis on strawberry

11:15 a.m.  Q&A - Session 2 - Lisa Hickey, moderator

   Session 2 POST-TEST LINK for CEU and CCA credits

11:30 a.m.  BREAK - LUNCH
12:30 p.m.  Start Zoom
12:45 pm    Introduction – Craig Frey, Hendry Co. Extension

VEGETABLE PRODUCTION – Craig Frey, moderator

**Session 3 PRE-TEST LINK for CEU and CCA credits**

1:00 p.m.  Tomato Breeding – Dr. Sam Hutton, Associate Professor
Breeding approaches to develop tomatoes for mechanical harvest.

1:15 p.m.  Tomato Breeding – Dr. Sam Hutton, Associate Professor
Progress in advancing bacterial wilt resistance for large-fruited tomatoes.

1:30 p.m.  Tomato Genetics – Dr. Tong Geon Lee, Assistant Professor
Study of tomato genetics and on its application in solving problems in tomato production.

1:45 p.m.  Q&A - Session 3 – Craig Frey, moderator

**Session 3 POST-TEST for CEU and CCA credits**

VEGETABLE PEST & DISEASE CONTROL – Craig Frey, moderator

**Session 4 PRE-TEST LINK for CEU and CCA credits**

2:00 p.m.  Pest/Disease Control – Dr. Nathan Boyd, Associate Professor
Effect of chloropicrin and 1,3-dichloropropene ratio and rate on pest control

2:15 p.m.  Pest/Disease Control – Dr. Joseph Carrillo, PostDoc Associate and Dr. Gary Vallad, Professor
Evaluation of biological and conventional pesticides for Fusarium wilt management on tomato and watermelon

2:30 p.m.  Pest/Disease Control – Dr. Gary Vallad, Professor
Identifying and managing downy mildew on common cucurbit species

2:45 p.m.  Pest/Disease Control – Dr. Hugh Smith, Associate Professor
Managing Invasive Pests in an Agriculturally Diverse State

3:00 p.m.  Q&A - Session 4 - Craig Frey, moderator

**Session 4 POST-TEST LINK for CEU and CCA credits**

HOT TOPICS IN AGRICULTURE – Craig Frey, moderator

**Session 5 PRE-TEST LINK for CEU and CCA credits**

3:15 p.m.  Ag Stewardship – Dr. Mary Lusk, Assistant Professor
Excess nutrients in Florida’s water—where do they come from?

3:30 p.m.  Ag Technology – Dr. Amr Abd-Elrahman, Associate Professor
Using Drone and Ground Images in phenotyping and precision agriculture applications

3:45 p.m.  Florida Hops – Dr. Shinsuke Agehara, Assistant Professor
Double-season hop production in Florida: How to grow hops in the subtropics

4:00 p.m.  Q&A - Session 5 - Craig Frey, moderator
Session 5 POST-TEST LINK for CEU and CCA credits

4:15 p.m. Closing Remarks & Reminders- Craig Frey