Seminar

Title: Breeding Citrus for HLB Tolerance
Location: Southwest Florida Research and Education Center, Immokalee
Date & time: Wednesday, 20 December 2017, 10:00 AM – 12:00 Noon
Speakers: Dr. Jude Grosser and Dr. Fred Gmitter, UF-IFAS
Coordinator: Mongi Zekri, UF-IFAS
Program Sponsors: Todd Wilson and Jack Zorn with Tiger-Sul and Ward Gunter with ICL Specialty Fertilizers

2 CEUs for Certified Crop Advisors (CCAs)
2 CEUs for Pesticide License Renewal

Agenda

---10:00 AM – 10:55 AM
Rootstocks and genetic X nutritional interactions and impacts on scion performance.
- Variation in Rootstock Responses to HLB in ongoing field trials
- Screening new rootstock candidates directly for HLB tolerance
- Effects of HLB on root nutrition – secondary and micronutrient deficiencies
- Emerging successful nutrition programs focusing on root health
  Dr. Jude Grosser, UF-IFAS

10:55 AM – 11:05 AM Break

---11:05 AM - 12:00 Noon
DEVELOPMENT OF HLB-TOLERANT CITRUS VARIETIES AND ROOTSTOCKS:
- Identification of natural variation for HLB sensitivity
- Breeding and potential mutant selection
- Characterization of tolerance mechanisms by genetic and anatomical analyses
- Potential applications of GMO or CRISPR technologies, and associated challenges
  Dr. Fred Gmitter, UF-IFAS