Please mark your calendar and pre-register to attend.

**Seminar- Iron Applications for Treatment of Citrus Greening – New USDA Research**

**Location:** Southwest Florida Research and Education Center, Immokalee  
**Date & time:** Wednesday, 23 May 2018, 10:00 AM – 12:00 Noon  
**Speakers:** Dr. Randy Niedz, Dr. Joe Albano, and Dr. Greg McCollum, USDA-ARS  
**Program Sponsors:** Ellis Salley and Steve Kaufman, HELENA Agri-Enterprises

**Pre-registration is required.** No registration fee and lunch is free Thanks to HELENA Agri-Enterprises. To reserve a seat, call 863 674 4092, or send an e-mail to Dr. Mongi Zekri at maz@ufl.edu

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

10:00 – 10:40 Explanation of patent US 8,945,631 B2 – “LIQUID FOR TREATMENT OF CITRUS GREENING DISEASE AND TREATMENT METHOD USING SAME”. What the patent claims, the experiments that were conducted, and the results will be explained.  
**Randy Niedz**, PhD, Research Geneticist, USDA-ARS, U.S. Horticultural Research Laboratory

10:40 – 11:10 Iron nutrition concepts relevant to patent. Growers are quite interested in this since iron is more complex than what most realize.  
**Joe Albano**, PhD, Research Horticulturist, USDA-ARS, U.S. Horticultural Research Laboratory

11:10- 11:20 Break

11:20 – 12:00 Citrus HLB canopy disease concept. The dominant view places an emphasis on the roots. Dr. McCollum’s concept is opposite to the root concept. The canopy concept is important as it suggests what must be done to control the disease.  
**Greg McCollum**, PhD, Research Plant Physiologist, USDA-ARS, U.S. Horticultural Research Laboratory