



NAICC

## 2<sup>nd</sup> EFFICACY RESEARCH WORKSHOP

Prior to the 2020 NAICC ANNUAL and AG PRO EXPO

### How to Conduct Good Efficacy Research



**Monday January 20, 2020 7:30 AM – 5:00 PM**  
**HBG Convention Center - Room 207**

### **ENTOMOLOGY - WEED SCIENCE - PLANT PATHOLOGY - BIO STIMULANTS**

**7:30 AM Breakfast & Registration**

**8:00 AM Introduction**

**8:10 AM – 9:50 AM ENTOMOLOGY**

**Mo Way and David Kerns, Texas A&M**

8:10 AM Trial Conduct with Natural Infestation - Small Field Plots vs Large Field Trials

9:00 AM Trial Conduct with Artificial Infestation - Bioassay Trials, Field Trials

**9:50 AM Break**

**10:00 AM - 11:40 AM WEED SCIENCE**

**Scott Nolte, Texas A&M and Michael Cox, Helena Agri-Enterprises**

10:00 AM Trial Set Up and Prep, Trial Types, Burn Down / Post Emergence / Pre-Emergence, Phytotoxicity Types Specific to Certain Herbicides, Herbicide Mode of Action, Issues with Herbicide Resistance Weeds in Research Plots

10:50 AM Adjuvant Trial – From Set-Up to Evaluation

**11:40 AM Lunch**

**12:40 PM - 2:20 PM PLANT PATHOLOGY**

**Tom Isakeit, Texas A&M and Gary Vallad, University of Florida**

12:40 PM Lab Work: Maintaining and Producing Inoculum for Specific Crops, Artificial Infestation and Evaluation Methods, Cultural Practices, IPM for Good Infestation

1:30 PM Efficacy Trials on Row Crops: Natural Infestations, Evaluation Techniques, Harvest and Post-Harvest Fruit Evaluations, Cultural Practices, IPM for Good Infestation

**2:20 PM Break**

**2:30 PM - 4:00 PM BIOSTIMULANTS**

**Industry speakers: Todd Carpenter, Verdesian and Rob Pesek, Pivot Bio**

2:30 PM Trial Set Up, Product Handling and Application Conditions for Organic Products and Other Biologicals

3:10 PM New Tips and Technologies for Evaluation and Samplings of Plant Nutrient / Biostimulant Efficacy Trials

**3:50 PM Round Table Discussion**

**4:30 PM Wrap-up: Survey / Certifications**