

2016 Fluid Forum

February 14, 2016

- 7:00 a.m. Breakfast – Road Runner AB
8:00 FFF Research & Education Committee Meeting – Road Runner AB

February 15, 2016

- 7:00 a.m. Breakfast – Road Runner AB
8:00 FFF Board of Directors Meeting – Road Runner AB
10:30 Fluid Forum Registration – West Hall 3

2015 Fluid Forum Program – Salt River 2, 3

- 1:00 p.m. Welcome and Announcements. Ed Corrigan, Chair, R & E Committee
1:10 Fitting Nutrient Management Into the G x E x M Concept To Enhance Productivity. Dr. Jerry Hatfield, USDA-ARS, National Laboratory for Agriculture and the Environment.
2:10 High-Yielding Soybeans: Genetic Gain X Fertilizer N Interaction. (year 1 of 3). Dr. Ignacio A. Ciampitti, Kansas State University.
2:35 4R Nutrient Stewardship Research Initiative Summary, Dr. Paul Fixen, IPNI
3:00 Break – West Hall 3
3:20 Use of Remote Sensing in Cotton to Accurately Predict the Onset of Nutrient Stress for Foliar Alleviation for Optimizing Yield and Quality. (year 3 of 3). Dr. Derrick Oosterhuis, Univ. of Arkansas
3:50 Evaluation of Cotton Yield, Quality, and Growth Response to Injected Liquid K. (year 1 of 3), Dr. Gaylon Morgan, Texas A&M
4:15 Precision-Water, -Nitrogen and -Seed Management for Enhancing Efficiency, Productivity, and Profitability of Irrigated Cropping Systems. (year 3 of 3). Raj Khosla, Colorado State University
4:45 Methodologies for Determining Salt-out Temperatures. Tessengerlo-Kerley
5:05 Adjourn
6:00-7:30 **Board Sponsored Reception - Fire Garden/Atrium**

February 16, 2016

7:00-8:00 a.m. Continental Breakfast – Salt River 4

- 8:00 Welcome and Announcements. Ed Corrigan, Chair, R & E Committee – Salt River 2, 3
- 8:10 Crop Yield and N Management Models: The Promise and Pitfalls. Dr. Jim Schepers, USDA-ARS (retired).
- 9:10 Potassium Fertilization for Southern Cotton: New Genotypes & Questions. (year 1 of 2). Dr. Elizabeth Guertal, Auburn University.
- 9:35 Efficient Management of Water and Nutrient Resources: Assessing the Potential for Drip Irrigation and Fertigation. (year 2 of 3). Dr. Fred Below and Ross Bender, University of Illinois
- 10:00 Break– West Hall 3
- 10:20 Evaluation of Corn Population and Sidedress Applications of Potassium and Nitrogen on Corn Grain Yield. (year 1 of 3). Dr. Robert Miller, Colorado State University.
- 10:45 Balanced Nutrition and Crop Production Practices for the Study of Sorghum Nutrient Partitioning and Closing Yield Gaps. (year 2 of 3). Dr. Ignacio Ciampitti, Kansas State University
- 11:10 Using Liquid Sources Of Potassium Fertilizer In Highbush Blueberry. (year 1 of 3). Dr. David Bryla, USDA-ARS Corvallis, OR

11:35 Luncheon, Annual Meeting and Awards – Salt River 4

- 1:30 El Niño and Other Weather Related Issues. Dr. Elwynn Taylor, Iowa State University
- 2:30 Variable Rate Starter Fertilization Based on Soil Attributes. (year 3 of 3). Jeff Vetsch, University of Minnesota
- 3:00 Break– West Hall 3
- 3:20 Improving Cotton Production Efficiency with Phosphorus and Potassium Placement at Multiple Depths in Strip Tillage Systems. (year 3 of 3). Dr. William Frame, Virginia Tech University
- 3:50 Comparison of ATS Placement Methods to Enhance Yield of Continuous Corn. (year 1 of 3), Dr. Dan Kaiser and Jeffery Vetsch, University of Minnesota.
- 4:15 Intensive N Management Strategies to Enhance Yield and Nitrogen Use Efficiency in High Yielding Dryland and Irrigated Corn. (year 3 of 3). Dr. Dave Mengel, Kansas State University
- 4:45 FFF Website and Mobile App Demo. Dale Leikam, FFF
- 5:00 Wrap-up, Adjourn, See You At The Reception

6:00-7:30 Fluid Forum Reception - Fire Garden/Atrium