

2019 Methods Forum

Albuquerque, NM

1:00 PM Pavilion VI – Forum General Session - Welcome and Introductions

1:15 PM Review Agenda and Meeting Format

1:20 – 2:45 Defining, Analyzing, And Characterizing Bio-Stimulants – Moderator - Hugh Rodrigues – A high level discussion to begin: draft definitions, who are the players/stakeholders, classes of products, what is needed to secure an AAPFCO definition, then moving to how would all this impact needed methods for efficacy, safety, content...

Speakers – Benoît Planques, Chair of CEN/TC 455, organization developing standards for Plant Biostimulants

Terry Stone, US Biostimulant Coalition; Eddie Simons, WSDA/AAPFCO Liaison to USDA Biostimulant WG

2:45 – 3:15 Panel Discussion & Questions

3:15 – 3:30 Break

3:30 – 4:45 Micro & Trace Metals - Extracting “Total” and “Soluble” Micronutrients - Moderator – Bill Hall

Speakers will focus on reasons for use/need of soluble metals sources, determining response relationship to % soluble metals, and thoughts on a reasonable “extractable” method for metals available over time.

Speakers – Mike McLaughlin University of Adelaide, Wayne Robarge, North Carolina State University, Frank Sikora, University of Kentucky Reg. Serv.

4:45 – 5:15 Panel Discussion, Questions, Open Forum - We may want to develop a method, we need discussions relating to drivers, need to develop, and use of a method among stakeholders before deciding on a path forward.

6:00 – 7:00 Dinner

7:15 – 7:30 Award Presentation & Program

Thursday 2/14

7:30 - 8:00 Continental Breakfast

8:00 – 8:25 Review Discussions From Yesterday

8:25 – 10:15 ICP OES & MS - ICP Configuration, Method Development & Purchasing an ICP

Moderator – James Bartos The title says it all! Speakers - Christine Rivera, Agilent, Dion Tsourides, Spectro; James Bartos, OISC

10:15 – 10:45 Break

10:45 - 11:30 Panel Discussion – Solving the most common problems users face and selecting new equipment

11:30 – 1:15 Lunch “On Your Own”

1:00 – 2:30 Good Sampling, Sample Prep. & Test Portions – Moderator – Sharon Webb - Sharon, Nancy and I will have conducted a workshop on Wednesday morning on this topic. But many in the Forum will not have been in that group. We would like to use this time to show the need to assess sampling and test portion practices in all labs. Some of the time will be taken by those participating in both the workshop and Forum describing what they learned and how that might apply to and impact their lab practices. Then offer those not attending the workshop time to bring up their problems and ideas relating to the revised thinking on sampling theory and how it could improve their lab performance.

Speakers – Nancy Thiex, Sharon Webb, U of Ky Reg Services, Bill Hall N-P-K Consulting

2:30 – 3:00 Panel Discussion & Questions

3:00 – 3:30 Break

3:30 – 4:30 Open Forum – Continued Discussions/Other Topics of Interest – Moderator – Bill Hall

4:30 – 5:00 Action Items, Resources, Follow-up Plans

Tour Itinerary

- 7:30 a.m.** Leave Hotel – Promptly at 7:30!
- 8:45 a.m.** Arrive at NMT Chemistry Dep. Lopez Building - Orientation - Dr. Heagy Department Head
- 9:00 a.m.** Chemistry Department Lab Tour <http://infohost.nmt.edu/~chem/research.html>
- 9:45 a.m.** Travel To Mineral Museum Headen Geology Center - Contact: Virgil W. Lueth, Director
- 9:50 a.m.** Tour Museum <https://geoinfo.nmt.edu/museum/>
- 10:30 a.m.** Travel to EMRTC – West Campus Contacts - Heidi Love & Tony Zimmerly
- 10:35 a.m.** View EMRTC Test <http://www.emrtc.nmt.edu/>
- 11:30 a.m.** Q & A and Pit Stop
- 11:40 p.m.** Return to Albuquerque Airport
- 1:00 p.m.** Arrive at Airport (time critical)
- 1:30 p.m.** Arrive at Hyatt

So What!

- Good Meeting
- See You Next Year
- I Have So Much To Do When I Get Back To The Office
- Time Passes
- January Of 2020
- Did We Get anything Done On Those Topics From Last Year?
- What Were They Again?
- Let's Go For A WORKOUT!