

SESSIONS

AGROCHEMICAL FORMULATION 28TH - 29TH SEPTEMBER - 28/09/2022

Agrochemical Formulation

September 28 & 29, 2022

Digital Conference

8:00AM EST // 1:00PM BST // 2:00PM CEST

Welcoming Remarks

08:00 - 08:15

DAY 1: 28th SEPTEMBER: The Importance of Adjuvants in Agrochemical Formulation

Participants

Avisha Amalean - Digital Events Conference Producer , Informa Connect, UK

Welcoming Remarks

08:00 - 08:15

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

Participants

Avisha Amalean - Digital Events Conference Producer , Informa Connect, UK

Formulation Innovation: Optimising the Efficacy of Adjuvants Formulations to Deliver on Sustainability Targets

08:15 - 08:45

DAY 1: 28th SEPTEMBER: The Importance of Adjuvants in Agrochemical Formulation

- Highlight the improvements to adjuvant formulations which maximise performance
- Outline the sustainability targets and its importance in aiming to meet them

Participants

Ke Min - Formulation Scientist, Global Formulation Portfolio Leader, Early Stage Formulation Group Leader , Corteva Agriscience, USA

An Overview: Defining Biologicals and Understanding the Formulation Processes

08:15 - 08:45

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

- Understand the definition of Biologicals
- Learn how the specific Biologicals are Formulated
- Insight into the Application and Mode of Action of Biologicals

Sponsorship Opportunity

08:45 - 09:30

DAY 1: 28th SEPTEMBER: The Importance of Adjuvants in Agrochemical Formulation

Please contact Alexander Zenonos for sponsorship opportunities at: alexander.zenonos2@informa.com

Overview of Topics that can be Explored:

- Shift to using technology that focuses on built in adjuvants vs. tank-mix solution.
- Understanding the limitations of using built-in adjuvants and how the technology can be improved.
- Using adjuvants as surfactants, to increase efficacy of the formulations, allowing to comply with sustainability strategies and deliver on sustainable targets.
- How to optimise/improve efficacy of adjuvant formulations to deliver on sustainable targets.
- (Re) Considering oil dispersion and oil in water emulsions, despite being difficult to make and stabilise, when creating 'built-in' adjuvants
- Improving performance of formulation with lower water volume rates by using adjuvants
- Opportunities for using adjuvants in application by Drone technology
- Application Technology: Automatic decision on application using intelligent spray technology
- Tests carried out to ensure that adjuvants are compatible with biological products
- Maximise droplet retention by finding methods for the spray droplets to retain on the surface

Ingevity's Novel Co-Formulants for Biological Applications

08:45 - 09:30

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

- Biological WDG/WP formulations with high performing kraft lignosulfonates
- Biological SC formulations with long shelf life
- UV protection from lignosulfonate
- How sticker adjuvant can enhance the performance of biological formulations

Participants

Tammy Schweiner - Technical Sales Representative , Ingevity, USA

Qi Wang - Technical Product Development, Supervisor , Ingevity, USA

Coffee Break & Networking

09:30 - 09:50

DAY 1: 28th SEPTEMBER: The Importance of Adjuvants in Agrochemical Formulation

Coffee Break & Networking

09:30 - 09:50

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

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Sponsorship Opportunity

09:50 - 10:20

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

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Overview of Topics that can be Explored:

- An overview into Biologicals
- Adopting Biologicals to meet sustainability targets.
- Innovation in the technology for the formulation of Biologicals to ensure that they are viable and have an enhanced shelf-life.
- Understanding the challenges of biologicals (formulation, manufacturing, and packaging) and strategies to overcome them.
- Discovering methods to improve the lifecycle and stability of Biologicals.
- Ensuring that biological products are compatible with synthetic chemical molecules.
- Bio surfactants: Innovation to develop multi – Active Ingredient Products

Opportunities for Adjuvants in Application Technology, using Drones and Sprays as Examples

10:20 - 11:05

DAY 1: 28th SEPTEMBER: The Importance of Adjuvants in Agrochemical Formulation

- Understand how the 'Intelligent Spray' and 'Drone' Technology are used to Agriculture
- Explain the role that Adjuvants play both forms of Application Technology
- Dive into the future of Application Technology

Participants

Heping Zhu - Agricultural Engineer , U.S Department of Agriculture, USA

Sarah Hovinga - Global Regulatory Policy Analyst, Digital Farming , Bayer Crop Science, USA

Jason Deveau - Application Technology Specialist , Ontario Ministry of Agriculture, Food and Rural Affairs, Canada

Ensuring compatibility of Biologicals with Traditional, Synthetic Agrochemicals

10:20 - 11:05

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

- Understand if there is a need for specific formulations compared to those which are currently used
- Explore the tests which ensure compatibility of both formulations
- Is Integrated Pest Management (IPM) the solution to resistance?

Participants

Tracy Bucholz - Chemical Engineer - Emerging Leaders in Science , Bayer Crop Science, USA

Manjunath T.M. - Consultant on Biocontrol, Agri-biotechnology and IPM , Self-employed, India

Harry Teicher - Crop Protection Agrobiologist & Strategic Research and Development Consultant , Bioscience Solutions, Denmark

End of Day/ Networking on the Platform

11:05 - 12:05

DAY 1: 28th SEPTEMBER: The Importance of Adjuvants in Agrochemical Formulation

End of Day/ Networking on the Platform

11:05 - 12:05

DAY 2: 29th SEPTEMBER: Innovation in Biological Formulations

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08:00	<p>08:00 - Welcoming Remarks</p> <p>08:15 - Formulation Innovation: Optimising the Efficacy of Adjuvants Formulations to Deliver on Sustainability Targets</p> <p>08:45 - Sponsorship Opportunity</p>	<p>08:00 - Welcoming Remarks</p> <p>08:15 - An Overview: Defining Biologicals and Understanding the Formulation Processes</p> <p>08:45 - Ingevity's Novel Co-Formulants for Biological Applications</p>
09:00	<p>09:30 - Coffee Break & Networking</p> <p>09:50 - Sponsorship Opportunity</p>	<p>09:30 - Coffee Break & Networking</p> <p>09:50 - Sponsorship Opportunity</p>
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11:00	<p>11:05 - End of Day/ Networking on the Platform</p>	<p>11:05 - End of Day/ Networking on the Platform</p>