Slow- and Controlled-Release and Stabilized Fertilizers (SCRSFs)

25 - 27 March 2019
Citywest Hotel
Dublin, Ireland

www.IFAnewagscrsf.com
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KEYNOTE SPEAKERS

Key Sessions

Achim Dobermann
Keynote: Understanding plant’s requirements; a prerequisite for reverse engineering
Rothamsted Research, UK

Avi Shaviv
Keynote: Multiphase tracking of N-speciation dynamics in greenhouse and laboratory experiments to improve evaluation and management of enhanced efficiency N-fertilization
Technion IIT, Israel

Olivier Dubourdieu
Keynote: Assessment of the global and regional markets for SRFs, CRFs and SNFs
RAMS & Co, France

Timothy D. Searchinger
Keynote: What place for SCRSFs in addressing the global N challenge
Princeton University, USA

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Day 1 • Monday 25th March 2019

Opening Session

14:30 Opening Session
Opening remarks by Luke Hutson, Chief Editor of NewAg & Charlotte Hebebrand, Director General, IFA

14:45 KEYNOTE PRESENTATION: Understanding plant’s requirements; a prerequisite for reverse engineering
Achim Dobermann, Chief Executive, Rothamsted Research, UK

15:15 KEYNOTE PRESENTATION: Multiphase tracking of N-speciation dynamics in greenhouse and laboratory experiments to improve evaluation and management of enhanced efficiency N-fertilization
Avi Shaviv, Professor, Technion-IIT, Israel

15:45 Coffee Break + Poster Session
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Session 1: The SCRSF Market

Chairperson: Patrick Heffer, Senior Director, Agriculture Service, IFA

16:15 KEYNOTE PRESENTATION: Assessment of the global and regional markets for SRFs, CRFs and SNFs
Olivier Dubourdieu, Senior Consultant, RAMS & Co, France

16:45 Europe agriculture and fertilization: opportunities for SCRSFs
Tiffanie Stephani, Agriculture and Environment Manager, Fertilizers Europe, Belgium

17:05 Use of stabilized and controlled-release fertilizers in Brazil (sugarcane)
Heitor Cantarella, Soil and Environment Resources Center - Research Director, Agronomic Institute of Campinas, Brazil

17:25 Application of CRFs to perennial crops (sugarcane, oil palm, forestry...)
Ronald Clemens, Global Product Manager CRF, ICL Specialty Fertilizers, The Netherlands

18:00 - 20:00 Evening Reception
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Day 2 • Tuesday 26th March 2019

Session 2: Technology Trends for SCRSFs

Chairperson: Avi Shaviv, Professor, Technion-IIT, Israel

09:00 ThyssenKrupp's experience in development of urea-based SCRSF and their findings on biologically degradable polymers
Yevgeny Makhnyva, Researcher, ThyssenKrupp Industrial Solutions, Germany

09:20 Controlled release urea 2.0
Harold van der Zande, Senior Manager, Business Development, Stamicarbon, The Netherlands

09:40 Floranid® Twin – Unique double N-technology
Tobias Fark, International Product Manager, COMPO EXPERT, Germany

10:00 New fertilizer technologies to mitigate fertilizer nitrogen loss
Greg Schwab, Director of Agronomy, Koch Agronomic Services, USA

10:20 Coffee Break + Poster Session
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Session 2: Technology Trends for SCRSFs (continued)

Chairperson: Patrick Forrestal, Research Officer, Soil Science & Agronomy, Teagasc, Ireland

11:00 Urease inhibitor stability on urea-based NP fertilizers
Maarten Staal, Team Leader, Application Laboratory, BASF, Germany

11:20 New types of controlled-release fertilizers (CRF) and their performance in crop nutrition
Georg Ebert, R&D Director, Synergie, The Netherlands

11:40 Multi-N-technology for urea: Association of urease inhibitor, organic polymer and micronutrients in urea granule
Douglas Ramos Guelfi Silva, Professor, Federal University of Lavras, Brazil

12:00 Ammonia volatilization and maize yield as influenced by different fertilization managements using blends of controlled-release and NBPT-treated urea
Pedro Lopes Garcia, Researcher, CENA/USP, Brazil

12:30 Lunch
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Day 3 • Wednesday 27th March 2019

Session 5: Addressing Farmers’ and Society’s Expectations
Chairperson: Clyde Graham, Executive Vice President, Fertilizers Canada, Canada

08:00 Registration Open

09:00 Challenges and opportunities for fertiliser technologies and their adoption: Ireland Case study – what have we learned?
Patrick Forrestal, Research officer - Soil Science & Agronomy, Teagasc, Ireland

09:20 On-farm implementation: knowledge to drive adoption
Lara Moody, Vice President, The Fertilizer Institute, USA

09:40 On-farm implementation: looking beyond the purchase price
Sally Flis, Director of Agronomy, The Fertilizer Institute, USA

10:00 Coffee Break

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Session 6: Policy and Regulatory Issues Related to SCRSFs
Chairperson: Charlotte Hebebrand, Director General, IFA

10:40 KEYNOTE PRESENTATION: What place for SCRSFs in addressing the global N challenge
Timothy D. Searchinger, Research Scholar at the Woodrow Wilson School of Public and International Affairs, Princeton University, USA

11:10 Stabilised fertilizers and Codex constraints
Richard Christie, Group Manager - Development, Ravensdown, New Zealand

Clyde Graham, Executive Vice President, Fertilizer Canada, Canada

11:50 PANEL DISCUSSION
Moderator: Charlotte Hebebrand, Director General, IFA
Panellists:
Clyde Graham, Fertilizer Canada, Canada
Lara Moody, The Fertilizer Institute, USA
Richard Christie, Ravensdown, New Zealand
Heitor Cantarella, Research Director, Agronomic Institute of Campinas, Brazil

12:20 Closing Remarks by:
Patrick Heffer, Senior Director, Agriculture Service, IFA
Francois Levesque, Managing Director, New Ag International

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