



5 and 6 November 2020 | Online Conference | Die Akademie Fresenius GmbH

22nd International AGRO Conference

“Behaviour of Pesticides in Air, Soil and Water

+++ONLINE CONFERENCE+++



www.akademie-fresenius.com/2865

Programme

PLEASE NOTE: The indicated times refer to Central European Summer Time CET.

Thursday, 5 November 2020

10:45 CET - Start of the Online Conference

Welcome address by the organisers and introduction by the Chairs

Christopher Leake, Bayer Crop Science Division, Germany

Colin Brown, University of York, UK

11:00 CET - Regulatory issues

Risk assessment in the Southern Zone – updated view from France

Emilie Farama, French Agency for Food, Environmental and Occupational Health and Safety (ANSES), France

Authorisation of plant protection products and the zonal evaluation system – Central zone view

Gábor Tökés, National Food Chain Safety Office, Hungary

Northern zone view, update 2020

- Work planning and work sharing in the zone, Northern Zone Guidance document (ver. 8, updated fate section), Draft Northern Zone Guidance document (ver. 9, updated fate section)
- Common problems

Raimonda Grigaite, State Plant Service under the Ministry of Agriculture, Lithuania

Update on EFSA Repair action of the FOCUS surface water scenarios

- Final rules for the Pesticide Application Timer (PAT)
- SWASH (the tool and its features)
- Options for selection of temporal percentile by the SCoPAFF

Paulien Adriaanse, Wageningen University & Research, The Netherlands

Final proposals for the development of the FOCUS degradation kinetics guidance

- Project initiation, aims and scope
- Key changes and final proposals
- Timelines

James Hingston, Health and Safety Executive, Chemicals Regulation Division (CRD), UK

13:25 CET - Lunch break





14:25 CET - Update from Health Canada on pesticide regulation and developments in environmental assessments in Canada

Heather Simmons, Health Canada, Canada

15.00 CET - Environmental fate

Comparison of EPA and ECHA Guidance on characterisation of non-extractable residues (NER) in degradation assessment

- Bound residues and extractability
- Polar, less-polar, non-polar solvent
- Weakly sorbed, strongly sorbed

Kalumbu Malekani, Smithers, USA

Field dissipation studies and the normalisation of these studies in order to derive suitable endpoints for risk assessment

Maarten Klunder, Dutch Board for the Authorisation of Plant Protection Products and Biocides (Ctgb), The Netherlands

Pesticide contamination of the upper Elbe river and an adjacent floodplain area

- Impact on inundation of pesticide distribution in floodplain
- Relationship between pesticide loads in water and soil contamination

Anneli S. Karlsson, Forschungszentrum Jülich, Germany

Lipophilicity of (non-)ionised chemicals during root uptake and translocation testing – relationship between log D and TSCF

- Analysis of peer-reviewed experimental Transpiration Stream Concentration Factor (TSCF) values
- Performance of simple TSCF model based on predicted octanol/water distribution coefficient (log D)

Carola Schriever, BASF, Germany

16:55 CET - End of the first conference day

Friday, 6 November 2020

9:50 CET - Start of the second day of the online conference

Opening remarks for the second conference day by the Chairs

Christopher Leake, Bayer Crop Science Division, Germany

Colin Brown, University of York, UK

10:00 CET - Regulatory issues

Regulation (EC) No 1107/2009 update

Karin Nienstedt, European Commission, Belgium

10:50 CET - Environmental fate and exposure assessment

Plant uptake of TFA in a long-term semi-field study – determination of Transpiration Stream Concentration Factor (TSCF) by inverse modelling

Klaus Hammel, Bayer Crop Science Division, Germany





Update on aquatic exposure assessment of pesticides in Latin America (including Andean community countries CO, PE, EC, BO)

Bernhard Jene, BASF, Germany

12:00 CET - Exposure, risk assessment and risk mitigation

Pesticide monitoring in a specific network in the Netherlands: An Update and new insights

Dennis Kalf, Ministry of Infrastructure and Water Management, The Netherlands

Lessons learned about the WaterProtect Horizon 2020 project

- Catchment management and engagement of multiple actors to adopt mitigation in the different action labs across the EU
- Successful governance strategies using alternative financing, participatory monitoring, best management practices and software applications

Ingeborg Joris, VITO, Belgium

12:50 CET - Lunch break

13:50 CET - Initiative to develop a harmonised framework for spatially distributed leaching modelling of pesticides

- Input data (spatial/temporal), modelling requirements, regulatory aspects

Anton Poot, Dutch Board for the Authorisation of Plant Protection Products and Biocides (Ctgb), The Netherlands

Distributed modelling – interpretation of the data and how modelling can support that

Paul Sweeney, Syngenta, UK

Environmental risk assessment and management of dust drift in Germany – the long “in between”

- Guidance document on treated seeds and risk assessment based on scenarios
- Risk management – ensuring high quality treated seeds therewith minimising exposure
- Challenges for seed dressing companies and farmers

Balthasar Smith, German Federal Office of Consumer Protection and Food Safety (BVL), Germany

Probabilistic approach to exposure risk assessment for downwind deposits of spray drift in the Netherlands

- Modelling spray drift for upward and sideways spray application in fruit orchards and tree nurseries
- Risk assessment for edge-of-field watercourses next to treated orchards on a countrywide scale

Henk Jan Holterman, Wageningen University & Research, The Netherlands

15:45 CET - End of the conference

Do you have any questions?



Programme and conceptual design

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